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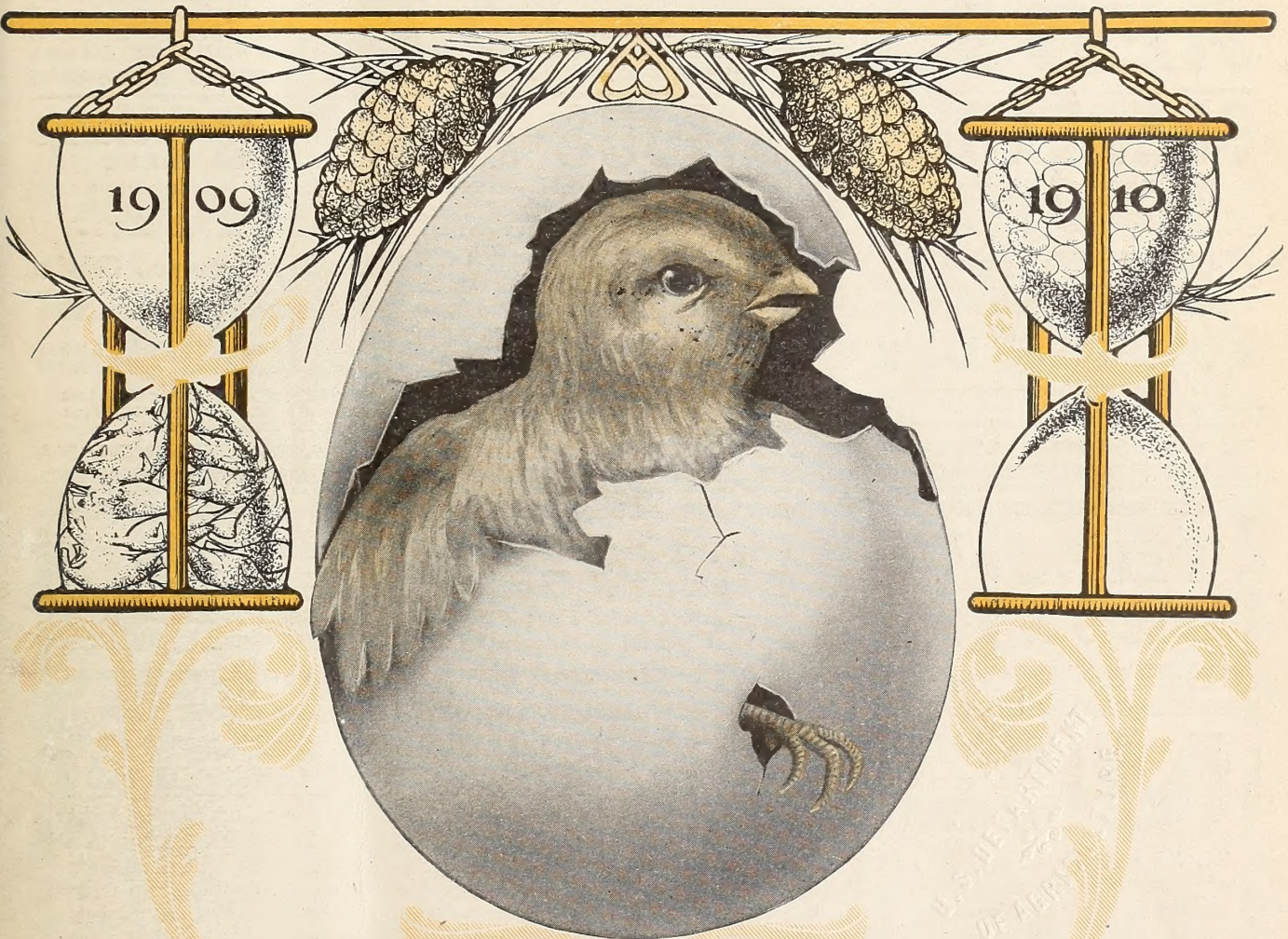
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VOL. 41

JANUARY, 1910

NO. 1

AMERICAN POULTRY JOURNAL



ANNIVERSARY NUMBER
1874 1910

L. A. Stahmer

Pine Top Poultry Farm

Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns

We have a number of very fine exhibition and utility males and females of both varieties for sale. We are making a specialty of mating up breeding pens for purchasers and I can furnish the same in any quantity. Our 1910 pens are now mated up and are the finest we have ever had. For full information send for our beautifully illustrated catalogue, showing our 1910 matings. Eggs for hatching. Day-old chicks. Stock for sale.

J. H. HALLOCK, Proprietor :: Box 2, HARTWOOD, SULLIVAN CO., N. Y.

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WYANDOTTES**

We entered but one cock at the Chicago show. He won first. We also won third cockerel and fourth pullet. Exhibition cockerels and pullets, good ones, \$3.00 to \$15.00. A few excellent breeding pullets and cockerels at \$2.00 and \$3.00.

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Buff Wyandottes

AT THE GREAT WEST MICHIGAN STATE FAIR—Won in the hottest competition first and third cock, third hen, first and third pullet and second and third cockerel. Silver cup three years in succession for best pen at Grand Rapids. 200 head grand youngsters, 50 yearling hens and 5 cock birds for sale. If you want the soft mellow Buff kind (buff to the skin) get my rock bottom prices.

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"There are among your flock 2 females which if mated to these males (today in my yards) would produce Reds the equal of which the world has never seen."—Judge Thos. F. Rigg. Winners at Chicago, Cincinnati, Indianapolis, Toledo, Detroit, Milwaukee. 3,000 R. I. Reds for sale. Both combs.

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WORLD'S
BEST**

Rose and Single Comb. Champions at the world's greatest shows. Have been winning more 1st and 2d prizes than all Ancona breeders together, in the Imperial Show of the Nation—Madison Square, N. Y. Have also won 1st at Dairy Show, London, Eng., and Cleveland. In 1907 won all the 1st and 2d prizes at the great Madison Square Show, in the largest Ancona class in the history of the big show. Have the greatest egg record, having laid 78 eggs in 82 consecutive days. A handsome lot of exhibition and utility birds for sale. If you wish to improve your stock or want to win at your show, write for free circ. Egg orders booked now.

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President International Ancona Club

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For the best S. C. Black Orpingtons you must send to the oldest and best breeder of this variety in America. The "Duke of Kent" and six of the best hens that money could buy were the foundation of this famous strain. Five hundred young premium birds for sale and highest class eggs at \$4.00 per 13; \$7.00 for 26. Send a one-cent stamp for the history of the Black Orpingtons and a 9x12 chromo of this famous bird and three of his sons.

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**White Ply. Rocks : White Leghorns
Bearded Golden Polish**

Stock and Eggs Always For Sale
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ROSE COMB BLACK
MINORCAS**

**MADE A CLEAN SWEEP OF ALL
FIRST PRIZES AT CHICAGO, 1909**

2d, 4th and 5th cocks, 3d and 5th hens, 2d and 3d ecls., 4th pullet and 2d and 3d pens. This in a class of 69 birds and in competition with nine other breeders, places the **Mishler strain at the top.** In writing for show or breeding stock let us know about what number you want and the amount you are expecting to invest. Fifteen pens will be mated for the egg trade. Why not get a start with the kind that **win, weigh, lay and pay?** Please mention American Poultry Journal when writing.

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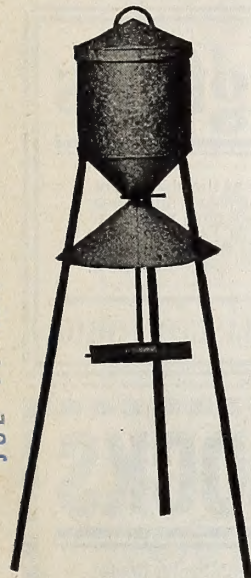
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have won for me the highest honors at the leading shows of America. I have sold more prominent winners for the best shows in America than any other breeder from Atlantic to the Pacific, Canada to Texas, past winter more than ever; every bird I sold for winner proved a winner. All stock returned at my expense if not satisfactory. Write me.

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Feed delivered is always fresh and clean. Necessitates slow feeding and makes the flock work for its living. You will never see your hens roosting on dust boxes or roost all drawn up, if you use the Norwich Automatic Exerciser and Feeder; they will all be on their feet hustling, and the exercise makes them lay. Every one gets its share of feed, the weaker as well as the stronger, and the use of the machine will positively bring up the vitality of the flock.

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: ONE HUNDRED COCKERELS :

At \$2.00, \$3.00 and \$5.00 each. Show birds at \$10.00 up. Trios at \$8.00 and \$10.00. Pens at \$12.00 and \$15.00. Winners at New York, Trenton, Easton and Dover. Our Buffs are the genuine Single Comb Buff.

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Fine pullets and cks. 2½ to 6 months old, hatched from my best pens of prize winners at Rockford, Ill., Chicago and elsewhere. Some good hens to spare. Now is the time to get young cks. at \$1 and up. Correspond if you want show birds. A. W. Blanchard, Beloit, Wis.

White Orpingtons

The blue ribbon winners at Chicago, Dec., '08.
PRATT POULTRY PENS, M. P. Pratt, Prop., Evanston, Illinois

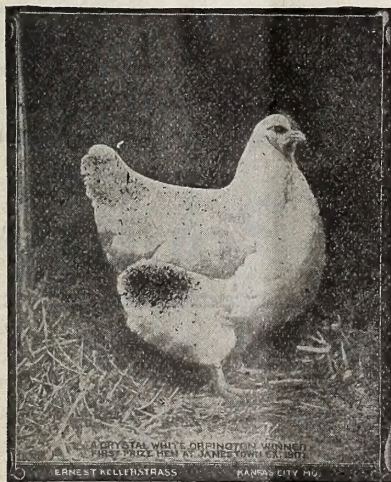


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First prize winner at Jamestown Exposition, Madison Square Garden, New York, and everywhere she has been shown. The reason we value the above hen at Ten Thousand Dollars is because we refused \$2,500 for her after we sold five of her chicks for \$7,500; and we will give \$10,000 for a "Crystal" White Orpington hen that will equal her in every way.—Kellerstrass Farm, Kansas City, Mo.

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Are the biggest payers because they have proven to be the biggest winter layers

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CRYSTAL White Orpingtons are the grandest utility birds on record today, and as to their fancy quality they won first at Madison Square Garden, N. Y., 1905, 1906, 1907, 1908; also at Crystal Palace, London, England, Chicago, and Boston. If you need some birds to improve your stock or for the show room, write us, we have them, and the kind that win, as our past record shows. Stock and eggs for sale at all times. Remember, we are the originators of Crystal White Orpingtons, and breed only the one kind. We devote our whole time to this one breed. Send for catalog; mention A. P. J.

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Originators of Crystal White Orpingtons, E. Kellerstrass, Prop., Life Member Am. W. Orpington Club and A. P. A.

JUL 17 1911

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won five firsts and two seconds on seven entries at the New York State Fair, 1909. Show birds fit to win in any competition. Catalogue.

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S. C. Buff Orpingtons

exclusively. Golden Buffs. I won 1st, 3d and 4th cock, 1st, 3d and 4th hen, 2d ckl. and 2d pullet at the late Cincinnati poultry show. My pens are headed by these birds. Now you know where to get the good ones. Eggs \$4 and \$2 per 15. Satisfaction guaranteed.

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My S. C. W. Leghorns

won at Marion, Ohio, Dec., 1909, 1st, 2d cock, 4th ckl., 1st, 3d hen, 2d, 4th pen, McClave, Judge. I have some grand exhibition birds ready for shipment. Some with score cards if you want a score card.

Geo. Wendt, Weja Farm, Kenton, O.
Mine are "REAL Single Comb White Leghorns"

Billings' R. I. Reds

Rose and Single Comb are up-to-date. They win for me and in the hands of my customers. If you are in need of show birds or choice breeders write me for my descriptive circular and price list. I can save you money, quality considered. One thousand to sell.

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Winners of Southwest District cup and State cup for 1908-1909. Winnings last year—Missouri State Show, 1st pen, 2d and 3d pullet, 2d and 4th hen, 3d cockerel, 4th cock. Two club specials, Association cup and Southwest District cup. Kansas State Show—1st and 2d pen, 1st, 2d, 3d and 4th cockerel, 1st, 2d, 3d and 4th pullet, 1st, 3d and 5th cock, 3d hen, State cup and four club specials. Kansas City, Mo.—2d pen, 1st cock, 1st and 3d hen, 2d and 4th cockerel, 2d pullet, club special. Send in your order at once if you want some of the "BEST BUFFS THAT GROW." : **J. J. Bleakley, State Vice-President Buff Rock Club, Route 3, Box B, Abilene, Kansas**

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Winners at Illinois State Fair, Rockford, Dixon, Bradford and Walnut. Finely barred, large, heavy boned, low-tailed cockerels that will please you, for sale cheap. Also a few hens and pullets and two yearling male birds. Pekin ducks that will win in any show. If you wish size and quality, write

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Chief of the United States Bureau of Animal Industry

Every poultryman should have this book in their poultry library. It contains 250 pages, and every disease to which fowls are subject is treated in a most thorough manner. The cause, symptoms and cure of each disease is put before the reader in such a manner as to be understood at a glance. With this book in hand you can be your own poultry doctor. Better order one now and not wait until your fowls become ill.

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90c. buys our special flat rim, cast iron, white enamel **Kitchen Sinks**, new but slightly defective. Price includes strainer and coupling. **\$5.50 buys an enamel Bath Tub. \$10.00** is our price for a cast iron, roll rim, white enamel **Bath Tub. \$9.50** for our white enamel low down tank Water Closet. complete outfit. You can buy Wash Stands from us at **\$3.25**

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At these prices we **prepay freight** to all points **east of Colorado** except Oklahoma and Texas. Quotations to these points on application. Our high grade **Galvanized Rust Proof Roofing** at prices ranging from **\$3.00** per square up. Write today for free sample.

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\$1.00 per square for our genuine **Rubberized Galvo Roofing** best ready to lay roofing on the market. Price includes nails, caps and cement sufficient to make the laps; 2 ply at **\$1.25**; 3 ply at **\$1.75** and we pay freight to points within 400 miles of Chicago.

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Winners at Alaska-Yukon exposition, Illinois State Fair, Detroit and Indianapolis. Send for prices.

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The snappy, narrow barred fellows that always attract attention. Ten years a breeder, and winner of highest honors at the big Cleveland and Columbus shows. Stock for sale. Eggs, \$3 for 13; 26 for \$5.

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Never in my 16 years of breeding have I had so much quality as the present season. Deep, round breasts, broad saddles and tails galore. Leading winners at Madison Square Garden, Boston, etc., have been bred and raised in my yards, and if it's a foundation in show birds or breeders, I can furnish you the birds. Write me today for my 34-page book and state just what you want.

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are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. We have one of the largest farms in the country and can supply your needs promptly. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

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Birds ready for the show room. Yearling breeders, cockerels and pullets. 200 egg strain. Eggs, \$1, \$2, \$5 per sitting; \$6, \$10, \$20 per 100. Catalogue free. Stamp for Red Standard.

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If you want birds that are naturally white, with long backs, well-spread and low-carried tails, send us your order for eggs.

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LEBANON : : OHIO

I make quick shipments and pay all the freight east of the Rockies.

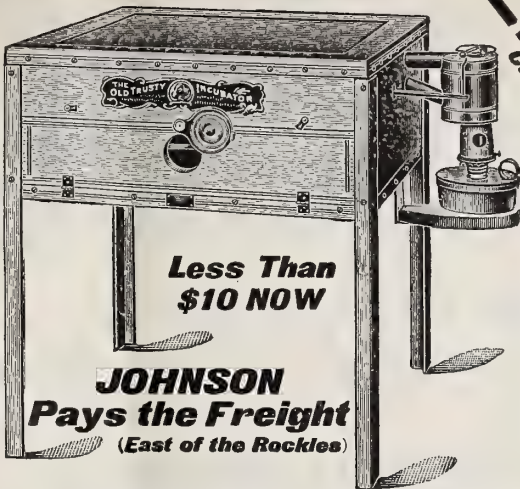
"Old Trusty" is built by a man who knows how to raise chickens—from 15 years' experience.

My new "Old Trusty" is simple and sure—California Redwood—Metal- and Asbestos-Encased.

Proved the best incubator for either old-timers, experienced poultry-raisers or beginners.

"Old Trusty" stands without hitching; hatches without watching.

Every part made for use—nothing superfluous.



**Less Than
\$10 NOW**

**JOHNSON
Pays the Freight
(East of the Rockies)**

Send Your Name for Johnson's BIG, NEW 1910 BOOK

M. M. JOHNSON, Clay Center, Neb.

Send me Your New 1910 "Old Trusty" Incubator Book Free, and Prices (less than \$10)
—Freight prepaid to my station.

Don't pay two prices. Buy direct from me no matter where you live. 75 per cent better hatches guaranteed. "Old Trusty" runs itself and pays for itself most quickly of all. Get my New Book sure this month—now—or you'll miss many good chicken-hatching days.



Name.....

Town.....

State.....

"OLD TRUSTY"— 1910 Incubators and Brooders

**Guaranteed 10 Years—40, 60 or 90
Days' Trial—75% Better Hatches
Guaranteed**

BEST "Old Trustys" ever—for 1909-10—built on same trusted-and-tried-experience principles. Now ready for you—with no extra charges for improvements. "Old Trusty" practically runs itself—everybody says. Beginners and old-experienced Poultry Raisers stick by "Old Trusty"—still made of my original, carefully seasoned **California Redwood**—now handsome **metal-encased—pure asbestos lining**—strong, metal, steady legs, too. All sent to you, freight prepaid, anywhere (east of the Rockies) quick, complete, ready for you to get 3 or 4 hatches, on my 40, 60 or 90 days' free-trial plan, from Johnson's own factory at Clay Center, Neb.

**Where Old Trusty Incubators are Made—Largest Exclusive
Incubator and Brooder Factory in the World**



This Picture is from a Real Photograph—not an "Artist's Dream"—Over 39,000 Sq. Ft. and 400 Workers here.

BOOK READY Come, Send Your Names in Now, Friends—

DON'T miss this Big Book this year. I'm ready to hand it to you now by Uncle Sam's mail—postage paid to you anywhere on earth. Send me your name, friend.

You'll be bound to be interested, whether you got my last year's book or not. Over 200 pages and over 1200 actual photographs; every page a "Poultry Sermon" on chicken raising.

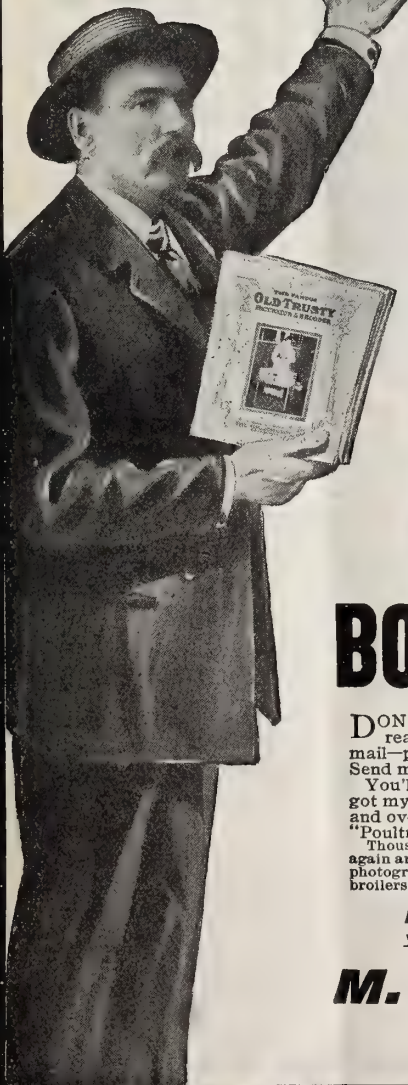
Thousands of users of "Old Trustys" have written me again and sent in helpful advice to chicken raisers and photographs of results of their big hatches and broods of broilers. So, be sure to write me today by postal or letter,

or send your name and address on the coupon above, so you can see just what you can do with an "Old Trusty" if you decide to order one sent to you to test out 3 hatches.

Price: Don't pay two prices. Don't fuss with experiments or new fangled improvements made to charge extra for. Look up the facts about "Old Trusty," which is 'way past the "experimental" stage these last seven years, and you can read why—and all about me and my 150,000 customers and friends, in my Free Poultry Book—before you order. My price is lower to you this year—something below \$10 complete—freight paid to anywhere east of the Rockies, and no worry about it.

Let me write you, personally, and tell you my price to you and send you my Big, New 1910 Poultry Book, FREE. Will You? Write me—

**M. M. JOHNSON (Incubator Man)
CLAY CENTER, NEBRASKA**



FREE! ORIGIN AND HISTORY of ALL BREEDS OF POULTRY

THE greatest book on poultry ever published, contains sixty-five pages of reading matter, size 9x12 inches, also contains illustrations of 198 different fowls in their natural colors, painted from life. Regular price \$1.00. It has taken years to complete the drawings for this book. It is something never before attempted by any publication, not even the Standard of Perfection contains pictures of fowls in colors.

This book is being sold for \$1.00 every day, but we want every poultryman to have one, as it is the grandest piece of work ever accomplished in poultry literature and is a living ad for its publishers—American Poultry Journal Publishing Co. To accomplish our object and get a copy of this book into the hands of every poultry fancier, we will give one copy FREE for the first six subscriptions to American Poultry Journal you send us at one-half our regular subscription price.

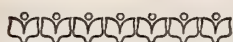
Send us six subscriptions to American Poultry Journal together with \$1.50 and we will send you, postpaid, a copy of the Origin and History of All Breeds of Poultry.

BUT THIS IS NOT ALL

You can take subscriptions at any price from 25 to 50 cents and keep everything above 25 cents as your commission. For the first six subscriptions you send us you will receive a copy of the Origin and History of All Breeds of Poultry as per offer above and these subscriptions will count on the grand prizes listed below as well as any other subscriptions you send us.

Do not fail to read this list carefully as the prizes are well worth your time and trouble and will many times repay your efforts to secure the subscriptions for us.

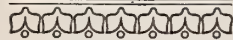
LIST OF GRAND PRIZES



First Prize

\$600
WING PIANO

The best piano manufactured by the well-known piano manufacturers, Wing & Son, New York City, N. Y., will be given the agent sending us the largest number of subscriptions before June 10, 1910 : : : : :



Second Prize

\$100
CASH

Will be given the agent sending us the second largest number of subscriptions before June 10, 1910. : : : : :



\$200.00 will be distributed among the eight next highest agents as follows:

3d Prize, \$50	Pen of Fowls, your choice, or Incubator or Brooder, any make you desire
4th Prize, \$35	" " " "
5th Prize, \$30	" " " "
6th Prize, \$20	Trio of Fowls, your choice, or Incubator or Brooder, any make you desire
7th Prize, \$20	" " " "
8th Prize, \$15	" " " "
9th Prize, \$15	" " " "
10th Prize, \$15	" " " "

In making your selection of Fowls, Incubators or Brooders, they must be selected from Advertisers in American Poultry Journal

Special Instructions to Agents

1. Renewals count the same as new subscriptions. 2. Cash must accompany all subscriptions; this will avoid any misunderstanding. 3. Keep a duplicate list of all subscribers sent us in case any question arises when the contest closes. 4. In case of a tie the value of the prize will be divided. 5. The subscription contest closes June 10th, 1910. All letters postmarked that day will be counted, thus giving those at a distance an equal chance with those near. 6. A list of the winners will be given in the July issue, 1910. 7. All agents may work where they please; this is fair to all. Send for more coupons or any supplies you need. 8. The coupons are made with receipts at the side to be torn off and given to subscribers. This assures the subscriber that you are our authorized agent. 9. No subscription can be sold for less than 25 cents. 10. You must send at least two subscriptions to entitle you to agents' commission or prizes. 11. All subscriptions must be taken on the merits of the publication. 12. Notice—Sell our book, "Origin and History of All Breeds of Poultry," at \$1.00 and keep 25 cents as your commission, this will count as four subscriptions on the contest. Also, take three years' subscriptions to American Poultry Journal at \$1.00 and keep 25 cents as your commission, this also will count as four subscriptions on the contest. : : : : :

TODAY IS THE TIME TO START if you wish to secure one of our new books FREE. Remember, too, that if you get an early start you have the advantage of always being in the lead, and this is better than to be always trying to catch up with the other fellow.

We will furnish you with a sheet of special bargain coupons which you can use if you desire. These coupons have been successfully used on former contests and whereas you only receive 10 cents as your commission when using same, you will find that you can get many more subscribers. In fact, we have agents who give all of their commission to the subscriber and in this manner get many more subscriptions. Send for as many sample copies as you can use to advantage and they will be sent you free of charge.

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

NOTICE: SEE OTHER PAGE FOR SPECIAL OFFER THIS MONTH

Special Offer for Month of January, 1910

WE will give the following prizes to the agents sending us the largest number of subscriptions during the month of January, 1910. If you want a first class incubator, brooder or a choice trio of fowls without cost, this is your opportunity. **START TODAY!**

1st Prize---A \$20.00 incubator or brooder, any make you desire, will be given the agent who sends us the largest number of subscriptions to American Poultry Journal during the month of January, 1910.

2d Prize---A \$15.00 trio of fowls, any variety, selected from the yards of an advertiser in American Poultry Journal, will be given the agent who sends us the second largest list of subscriptions during the month of January, 1910.

3d Prize---A \$10.00 incubator or brooder, any make you desire, will be given the agent sending us the third largest number of subscription during the month of January, 1910.

These prizes are given in addition to the grand prizes on opposite page of this issue and all subscriptions sent us during this month will count on both the special January prizes and the grand prizes, therefore you can win both an incubator or brooder and a grand prize if you start to work right now.

Do not delay to take advantage of this opportunity to kill two birds with one stone. Remember, you send 25 cents to us for each subscription and keep the balance of the money as your commission. You receive our grand book, "Origin and History of All Breeds of Poultry," for the first six subscriptions you send us besides your commission and the chance to win one of the January special and grand prizes, also you receive four counts for every 3-year subscription and every Origin and History of All Breeds of Poultry which you sell.

Send for samples and coupons today, they will be sent to you at once free of charge. Start today as you are getting in on the ground floor.

Send all subscriptions to

American Poultry Journal Publishing Company
358 Dearborn Street : : Chicago, Illinois
SEE OTHER PAGE FOR LIST OF GRAND PRIZES

S. C. Brown Leghorns

Eggs from prize winners. Ckl. and pullet matings. Best pens, \$2.50 per 15; other pens, \$1.50 per 15.

Geo. F. Buck, Port Clinton, Ohio

Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

SINGLE COMB REDS

-AT-

Indiana State Fair, '09



Won 3d cock, 1st and 2d hen, 1st and 2d cockerel, 1st and 2d pullet and 1st pen. Stock for sale.

A Longfield Winner Longfield Poultry Farm
Box 321 : Bluffton, Indiana

Ferris S. C. W. Leghorns

Winners at Louisville, Chicago, St. Louis, Toledo, Detroit, Grand Rapids and the Michigan and Indiana State Fairs



Three prizes on five entries is the record of Ferris' Leghorns at the recent Louisville show, where the cock bird shown above won first prize.

We have bred White Leghorns for years, not alone for exhibition, but also for size, health, vigor and profit. We raise our stock on free range and you will find them as good from a utility standpoint as they are from a fancy standpoint.

Ferris' Leghorns are pure white, have typical Leghorn shape and will win for you as they are winning for others.

Choice breeding males and females, \$3.00 each. Exhibition breeding cockerels, the kind that win and breed winners, at \$5.00, \$7.00, \$10.00 and \$15.00; females of the same quality, \$4.00, \$5.00 and \$7.00. All stock is sold on approval.

Eggs for Hatching

We will have ten exhibition pens mated for the season's trade in eggs and chicks. Prices range from \$3.00 to \$15.00 per setting. Choice utility eggs, \$1.50 per 15; \$7.50 per 100; fertility guaranteed. Place your orders now, we will ship them whenever desired. Day-old chicks after April 1. Mating list will be ready in March.

I want you to have my new 32-page catalog—it tells all about Ferris' Leghorns and why you need them. It shows photos of the birds I sell and gives a more complete description of my stock, farm and methods than is possible in this ad. Write today—I will send you a copy free and will be pleased to quote prices on the stock, eggs or chicks you need.

THE FERRIS POULTRY FARM

Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

Canada's Best R. C. and S. C. Black Minorcas

Winners of the Red and Blue at the largest shows on the continent. We please every customer and can please you if you give us a trial. We brought forty S. C. cockerels and seventy pullets in from the country last week, all sired "Hugo." The cockerels averaged over eight pounds each. First come, first served. Place your orders quick. Our last show was London, Ontario, but London, the great when it comes to producing prize poultry. In a large class we won every first and second prize on both R. C. and S. C., also special for best collection in the Mediterranean class. Meet me at Boston and Buffalo.

T. A. FAULDS

LONDON, ONTARIO, CANADA

HOOVER'S BARRED ROCKS**HOOVER'S EXHIBITION STRAIN**

Winners for many years. 500 grand birds to select from. Many of them have the quality that will win in the hottest competition.

20 Fine Pullet Bred Cockerels

Bred from same birds that sired Chicago winners last year. They are typical Rock shape and have narrow clean cut barring that will place them in first place. If you want a show bird or high-class breeders, write me. My prices are right, every bird guaranteed as represented or money refunded. Circular free.

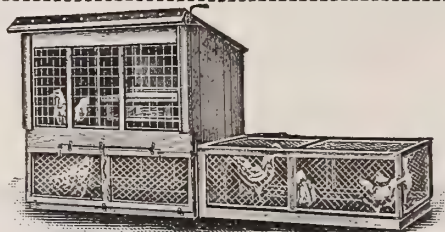
Wm. H. Hoover : Barred Rock Specialist : Polo, Illinois

ORPINGTONS

WHITES
BUFFS

Don't look any longer. We can send you just what you want and at "LET LIVE" prices. Everything sold on approval and every customer pleased. HUNDREDS of early hatched birds to select from and quality for any competition.

W. E. Stanfield, Brookdale Farm, Hillsdale, Michigan

**The Model Portable Henry**

The Model Portable Henry admitted by all to be the most complete and practical hen house they had ever seen, just the thing for the city and for fancy breeding pens.

Model Setting Coop

Model Setting Coop, metal, just what you want when the hatching season begins, it is a combination coop, first use it to set the hen in, afterwards use it as a brood coop.

Model Brood Coop, metal, a larger size coop for brooding, will accommodate hen with twenty-five chicks, secure from vermin and the elements, an easy cleaning coop simply by drawing two hooks, bottom drops out.

Economy Trap Nests, both in wood and metal, the most simple on the market, cost but little more than an ordinary nest, yet work to perfection, never get out of order and never fail to work.

Write for descriptive catalogue today, it's free when mentioning American Poultry Journal.

**Model Brood Coop****Economy Trap Nest**

NIEMANN BROS. MFG. CO., Box 677, MT. OLIVE, ILLINOIS

Our Wonderful Book Offer

Successful Poultry Culture, Only 50 Cents

American Poultry Journal has just closed a contract with the publishers of "**Successful Poultry Culture**," which enables us to offer this book for one-half its regular selling price, \$1.00. This is such a really good offer and such a bargain that we want every reader to read this ad carefully and take advantage of this great bargain offer. This book has always sold heretofore for \$1.00, and thousands of copies and two editions have been sold at that price, and not one kick has ever been received.

Mr. Clarence Ward

the author of "**Successful Poultry Culture**," is a son of C. J. Ward, the founder and for eighteen years the publisher of American Poultry Journal. He was brought up in a hen coop, and is one of the best experts on poultry culture in the country.

Successful Poultry Culture

contains 128 pages and 30 handsome illustrations of fowls and practical plans for building poultry houses. It is a thorough and scientific treatise on raising poultry for profit; and is especially designed for the beginner. If the instructions in this book are followed success will surely crown your efforts. The publishers have sold thousands of copies of this book to satisfied buyers all over the country, and they can show testimonials by the hundreds from people who would not take fifty times the price of the book if they could not get another one. The chapter on "Scientific Feeding" is alone worth many times the price of the whole book as it actually tells how to

Save Three-Fourths Your Feed Bill

This system of feeding is the greatest and most valuable discovery made in the twentieth century to the poultry man. It will actually double and triple your profits from the start, and has been tried in many large and small poultry plants with the greatest success, and in every case it has placed these poultry plants on a large dividend-paying basis.

The largest item of expense in raising chickens is the feed bill, and if you can reduce this bill three-fourths, it stands to reason that the matter of big profits is solved.

The revised edition of this book,

Successful Poultry Culture

contains a chapter on Scientific Feeding that fully explains this method of feeding. It is based on a fundamental law of nature and is a correct and scientific principle of feeding chickens and ducks that will **save three-fourths the feed bill**, and at the same time will make your young chickens grow faster, lessen the mortality, make young pullets lay at four and five months old; also mature young cockerels for market and show room at the same age. It will make your hens lay in midwinter every day, when market eggs are bringing the highest prices; will keep your laying stock in perfect health in close confinement, and your hens will lay fertile eggs that will hatch strong, vigorous chicks that will live. In fact, with this method of feeding you can

Double and Triple Your Profits in the Poultry Business

This is not a patented or prepared food sold by some manufacturer at a high price. If you know how, all you have to do is to buy one bushel of common grain at the market price, take it home and make **four bushels**, which four bushels will contain more and better food value than the original bushel of grain.

No expense in preparing it; no machinery of any kind needed; no fire or cooking, and it takes less time than to cook a mash and is as easy to feed as common grain. The 128-page new and revised edition of

Successful Poultry Culture

contains this valuable information, and is worth a hundred times its price to every poultryman and stock raiser. It makes no difference whether you keep only a few chickens and one cow or a thousand of each, you cannot afford to be without it. Remember, we guarantee it will tell how to **save three-fourths your feed bill**.

Buy the Book, Price Reduced to 50 Cents

Do it today, for you will need it when you want to sell eggs at high winter prices and at the same time **save three-fourths your feed bill**. If you keep only twenty hens this book will save you twice its price in a few weeks' time after getting it. If you keep more it will **double and triple your profits every day in the year**. Send all orders to

Buy the Book and Save
Three-Fourths Your
Feed Bill. : : :

**AMERICAN POULTRY
JOURNAL PUB. CO.**
358 Dearborn St., Chicago, Ill.

Price Only 50 Cents
Postpaid. Formerly
Always Sold for \$1.

Owen Farms Owen Farms

are receiving your orders for

ORPINGTONS W. WYANDOTTES

WHY? and **THREE** times as many orders as we ever received at the same period

It is a pleasure to answer this question, for there are such a lot of things we **know**. We have won consistently in the hardest shows of the country. We had without question the best stock for foundation stock that this country ever saw. We have sent hundreds of our birds over this great country to our respected customers and they have won for them and have formed the foundation of hundreds of successful strains of Orpingtons. There is no doubt that our **satisfied customers** have been the active means of this enormous increase of our Orpington trade. Then, we have improved our strain by leaps and bounds by good breeding. We have had the best skill in the breeding of Buffs this country ever had applied to the particular case, namely, Buff Orpingtons, so it is not strange that Mr. Owen and Mr. Delano feel pretty good when they say at this present writing, November 14, that they have twelve better Buff Orpington cockerels than they ever exhibited fit and ready for New York. Large, big-boned birds, and fully finished, so we know whereof we speak, with scores of others that are wonders, and we are positive that we can satisfy you all along the line. This is the one point, too, in which we allow our customers the final word. We satisfy you or there is no sale. One of the things we **know** is, there is no farm in America that will more surely send you a \$10.00 bird for \$10.00. If you are expecting a \$25.00 bird for \$10.00 you will not get it from Owen Farms. But you can know the reverse will not happen. You will **never** get a \$10.00 bird for \$25.00. I guess that is what the public is looking for, their value for the money. Now, my conclusion about Buff and Black Orpingtons is this. I never actually wanted your trade as I want it this year. Because I have the goods and I know they are better than ever and in goodly quantity and especially because I believe I can do for you in Buff Orpingtons what no one else can do.

WHY? and **FOUR** times as many orders as we ever received at the same period

I believe the reason for our large increase in the receipt of our orders in White Wyandottes is because of the many friends and interested people who have seen our birds. The old saying is that "seeing is believing" and when we have shown two pullets (all that we did show) at Madison Square in the largest class of pullets ever shown and won first and second, they being two pullets that were as near alike as any two ever shown, and when they looked all along our string and found the same type and perfect head it was convincing and the same way about our cockerels. We won first New York with one bird; sold that bird right there at the show and had a better one left, certainly better at the day he was shown at Chicago, and each and every time these birds are producing the same identical quality that makes them win. Grand heads, absolute perfect whiteness, good combs, fine station, very bright red eye, and altogether a style of their very own. Scores of times every day people in writing us say, "Do not quote us on a bird unless he is something really remarkable. We have plenty of good birds now. What we want is something that is more than good." How glad I am to answer every single individual inquiry for a Wyandotte because I feel that when our inquirer asks for just such a bird that we are perfectly prepared to give him entire satisfaction and in every case the price will fit the bird. My only regret is that you cannot see these birds as we see them day by day, but I promise every White Wyandotte enthusiast and every inquirer for this breed very particular attention and if we have what he wants there will be no doubt about his getting it if we agree on the price. That is the only difference that there could possibly be between us and we will try to be reasonable in that. Write us, therefore, freely about White Wyandottes.

Owen Farms'

You will be reading what I am writing on this particular subject in December and I believe that this is the time of all times in the year when you should commence to think very seriously of what you are going to do in eggs for hatching. Perhaps I speak with far more feeling and certainty concerning this matter because of my own experience. Year after year I have been a little late in getting our pens mated, our hatching operations started and in commencing to bring forward the chicks which were afterwards to prove the winners of our next Year's shows. This last year, however, we came very near the mark which we set and this year I am positive that we shall reach it.

Make your plans for some chicks early, particularly if you have trade for the fall shows. You cannot get fully furnished cockerels and pullets that are ready to show in September unless you get your birds out very early. We have made some experiments and I am positive that we shall be able this year to send eggs right through the winter to the southern half of the United States so that they will reach you in good shape and hatch well. They will be packed with extreme care and handled at this end so that when they start we will know they will go to you in good condition if the express companies are

Owen Farms Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr. **Box A, Vineyard Haven, Mass.**

Owen Farms Owen Farms

are receiving your orders for
WHITE P. ROCKS **BARRED P. ROCKS**

WHY? and **THREE** times as many orders as we ever received at the same period

WHY? and **SIX** times as many orders as we ever received at the same period

Who has guaranteed to win for their customers in Chicago, Pittsburg, Baltimore, Philadelphia, Boston, Providence, Buffalo, Omaha and scores of other cities and made their guaranty good? That is the question. It is these continuous wins of ours for our customers and the hammering upon hammering that we have been doing all the time on the White Rock that has made our business what it is. I have felt for years that there was an individual character as to the color and type of our White Rock that was entirely different than anyone else's and superior to anyone else's. I have felt this strongly. I never was more convinced of it than at Madison Square Garden last year. There were 26 White Rock pens along the Garden for judging. They were right in the center of that very large hall. On the second day of the show a Western purchaser came to me and said: "Mr. Owen, I have been studying for twenty-four hours these White Rock pens. I am willing to say after the most careful study that in your pens alone do I find the whiteness and luster which makes them stand out so entirely by themselves. I have even gone so far as to feel of your birds as compared with other pens and they have more delicate, velvety feeling to the touch than any other pens." My reply was, "I believe you have hit the nail on the head. Our White Rocks have a whiteness and a smoothness and softness of feather that no others have, and coupled with their perfect type and excellent head points it is really what makes them win." If the United States was not so large and our customers so widely separated I should be inclined to say to you as one of the great automobile builders has been saying for years, "Ask the man who owns one," and leave the question of whether you would be interested in Owen Farms White Rocks entirely to that test, but I know the conditions will not permit it and I find it necessary to say to you a great many things about our White Rocks that I wish I could show you instead. Always remember we will fit for the show and we will guarantee to win any show you name.

I am perhaps more pleased to tell you my reason for our large trade in Barred Rocks than in any other variety. It touches me personally in a tender spot, namely, our public's confidence in Owen Farms. To a fair extent we are really being weighed in the balance as regards Barred Rocks, certainly in the minds of a very great many people in the United States. We have been breeding some fine birds for many years, but we have never shown them. We have acquired, and that fully and completely, the best flock considered from both standpoints of the male and female that we believe existed in the United States, namely, the Gardner & Dunning flock. They have been under the care of and mated by Mr. Newton Cosh and our Mr. Delano, in whom we have unlimited confidence, and the interesting question that is going to be answered very soon is whether Owen Farms has made good with these Barred Rocks. Well, now, I am going to say one thing in advance of the New York Madison Square show: that as far as we are concerned we know that we have made good. We have better cockerels than we ever commenced to show considering all of the old prestige of the Gardner & Dunning flock. We have better females than we believe they ever showed. We believe it is true that never in the history of Madison Square Garden have the cockerel and pullet which took the premier honors in a single year been bred by the same individual. I wonder if it will happen this year? There are some people that I know of who are confident they have a good chance this year for both the premier honors in cockerel and in pullet. At any rate, we know that we are going to put forward for competition at New York the best string that Owen Farms believes ever went there and we shall certainly hope for great success. It is a far different proposition to go to the State Fair at Syracuse in Barred Rocks or White Wyandottes than to go to Madison Square Garden and ask for the same blue ribbons. In Barred Rocks this year we made a wonderful win at the State Fair. There were thirty ribbons in all: five in six different classes, for they had a class of pens made up of old birds and of pens made up of young birds. Twenty-two out of those thirty ribbons Owen Farms won. I could not go into the matter at length except to say that our birds were in fine feather and did themselves great justice, winning grandly. That I can furnish you Barred Rocks in cockerel matings and in pullet matings this year second to none in this country and at the right price I am as positive as I ever was of any statement I have ever made.

Eggs for Hatching

not unduly severe in their handling of them. Furthermore, we are going to be prepared to give you information concerning the eggs earlier than ever.

After the most careful consideration on the part of Mr. Delano and myself we have decided fully this year that we shall sell from the run of our pens, giving everybody an equal opportunity of raising some of the very best of the year at a medium price. Only the very best birds that we own will be used in our matings, both in the male and the female line. Our price will be a uniform one: 75c per egg when ordered in a single sitting; 60c per egg when ordered in fifties; and 50c per egg when ordered in hundreds. We shall have no other price than this price for our eggs during the season of 1910. We guarantee three eggs out of every four to be fertile. We solicit your correspondence and our mating list, which will tell you all about it, will be duly mailed you upon request.

Catalogues sent with full information free. Please be particular to always indicate the BREED you wish or would also thank you to always give credit to the journal in which you see our advertisement appear. Always

Owen Farms Wm. Barry Owen, Prop.
 Maurice F. Delano, Mgr. **Box A, Vineyard Haven**

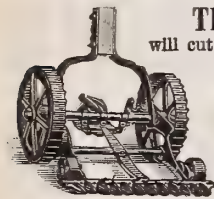
Canada's Best Buff Leghorns

Won 79 regular prizes at New York, Chicago, the Ontario in the last five years. Illustrated catalogue free. Nate K. Cornwall, Thamesville, Ont., Can.

REGAL WHITE WYANDOTTES

Fine young stock, bred from winners at Guelph, Indianapolis, St. Paul, etc. Send for circular.

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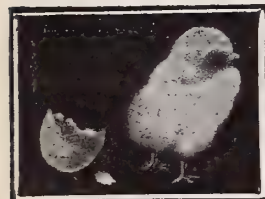
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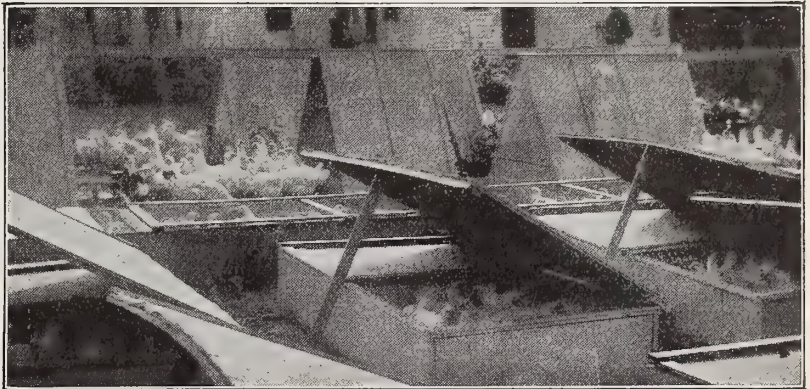
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R. S. LaRue.

Valley Falls, N. Y., September 10, 1909.

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(Rev.) E. B. Templer.

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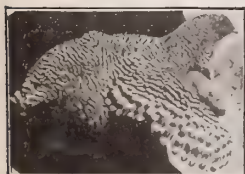
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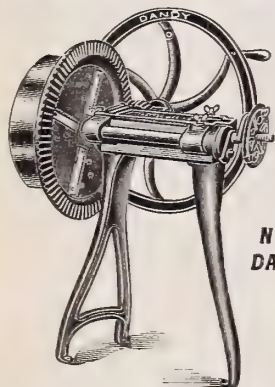
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are birds of superior quality. 1st: Because health and vigor, with intelligent breeding for heavy egg production and large size, pure white eggs have placed them in the lead. 2d: Because they are Standard bred, and winners at the leading shows, including Madison Square Garden. 3d: Because they are raised on free range, are large size and please our customers. 500 layers, breeding cockerels and exhibition birds for sale. Satisfaction guaranteed. :

The Maples Poultry Farm, Geo. A. Barrows, Prop., Box 500, Groton, N. Y.

Fluffy Ruffles Strain

Finest specimens of **Barred Rocks** ever produced. Champion of all champions. Ten years ahead of the times. Winners at New York, 1908-9. Stock up-to-date. Circular free. A continuous record of winnings since 1894. :

Welleslea Farm Poultry Yards C. H. Welles, Prop. Box A **Stratford, Connecticut**

THE WORLD'S BEST WYANDOTTES



Are found at Brook Side Farm in Golden Laced, Silver Laced, Whites and Blacks. Winners of over 300 premiums at Madison Square Garden, New York, alone. They have won thousands of premiums at Chicago, St. Louis, Buffalo, Boston, Philadelphia and all the large shows. We have 2,000 head of the finest birds we ever offered, both old and young, of the finest exhibition birds or high class breeding birds. They have the size, shape, color, combs, up to date lacing, large clear open centers, that will improve your flocks, or win for you in the warmest company. We have line bred these birds for nearly thirty years. The richest breeding that can be produced. Write us today for real bargains, also Golden Sebrights and Collie dogs. Imported stock. Large circular showing more than fifty of our great winners.

Ira C. Keller : **Brook Side Farm** : **Box 75, Prospect, Ohio**

R. C. BLACK MINORCAS

Winners at Canada's greatest show, "The Ontario," held at Guelph, Ontario, December, 1909. Second cock, first hen, first and second cockerel and first pullet. In a class of fifty birds

Black Cochin Bantams

At the same show sixty-five birds competing, first and fourth cock, first and third hen and first cockerel, were hatched from my eggs. Stock and eggs for sale. Mention American Poultry Journal.

Dr. J. N. Mac Rae **Galt, Ontario, Canada**



Money in Poultry, \$3,600.00

NET PROFIT FROM 30 HENS IN ONE SEASON ON A LOT 24x40. IT IS NOT AN EXPERIMENT, IT HAS BEEN DONE ON THE Kellerstrass Farm

My New Poultry Book

Covers all branches necessary for Success with Poultry. It tells you what I have done. It was written from actual experience.

IT TELLS YOU HOW—

HOW I made \$3,600.00 in one season from thirty hens on a lot 24x40 by feeding them the scraps from my table three times a day. The test was made to show what can be done on a city lot as well as on a farm. I also furnish you the names of the parties who paid me over \$2,000.00 for the eggs alone from these thirty hens, for reference, which is evidence undisputable. Remember this book is written by a man who has had the actual experience.

HOW I make my chickens weigh two and one-half pounds when they are eight weeks old.

HOW I prepared my chickens for the show room so that I won over 90 per cent of all the blue ribbons that were offered during 1907 and 1908, the last season that I showed. A "secret" that has never been published before.

HOW I built my indoor and outdoor brooders for 85 cents each, to be used either as fireless or with heat in them and plans for the same.

HOW I raise ninety-eight chickens out of a hundred that I hatch.

IF YOU RAISE CHICKENS OF ANY KIND YOU NEED THIS BOOK



Try My Way and You Can Raise Them by the Thousands

READ WHAT OTHERS SAY

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—I herewith enclose you affidavit; also trap nest record of the Kellerstrass Strain Crystal White Orpington hen, register No. 503, that laid two hundred and sixty-three (263) eggs in 272 days.

(Signed) P. J. HARLLEE,
August 8, 1909. Chattahoochee, Ga.

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—Congratulations on the splendid showing you have made by selling \$68.00 worth of eggs per hen from thirty hens in one season.

G. M. CURTIS, Editor Reliable Poultry Journal,
Quincy, Ill.

My Dear Mr. Kellerstrass:

I have sixteen of your hens that average two hundred and thirty-one (231) eggs per bird in 12 months.

July 10, 1909.

The simplest sort of a thing—common black dirt—has solved the problem of eradicating a chicken disease which cost thirty million chicks' lives annually, a disease which scientists of the National and State Experimental Stations have been studying without success for ten years. Ernest Kellerstrass, the Kansas City poultry fancier, found the secret.—St. Louis Republic.

May 23, 1909.

The remarkable hen "Peggy" is owned by Mr. Ernest Kellerstrass, of Kansas City, Mo. She has traveled all over the globe capturing prizes. Mr. Kellerstrass has forty-eight hundred chickens

HOW I took a flock of chickens and made them lay \$68 worth of eggs per hen in ten months!

HOW I keep my male birds from fighting without injuring them.

HOW I raised the five chickens I sold to Madame Paderewski for \$7,500.00.

HOW I feed my chickens for egg production.

HOW I keep my chickens healthy and free from sickness.

HOW I select a good laying hen from the poor layer.

HOW I break up my broody hens without injuring them.

HOW I pack my eggs so they will stay fresh.

HOW I mate up my chickens for breeding and fertility.

HOW I run my incubators and supply moisture.

HOW I raised my famous \$10,000.00 hen "Peggy."

HOW I build my hen houses and plans for the same.

HOW I bred my big egg-laying strain.

It also tells about broiler plants, egg plants, and remember, there is also an article in this book called "Two Years on the Kellerstrass Poultry Farm," which explains hundreds of things—just what we do in two years on the farm, or in other words, a two years' course on the "World's Greatest Poultry Plant." This is the greatest article ever written by a real practical poultryman.

Remember, this book was written by a man who has sold the highest priced chickens in the world, who also sold \$68.00 worth of eggs per hen from a flock of hens in one season, in fact, if you breed a chicken of any kind you know my reputation as a breeder. This is the first time I have ever offered to sell any of my "methods or secrets" to the breeder or to the public.

of this family and Peggy is the most perfect. He controls the output of perfect Orpingtons.—Sunday Chicago American, March 19, 1909.

Mr. Kellerstrass is now easily one of the leading and most successful breeders in America, and perhaps during the past two or three years raised more good prize-winning birds on his farm, devoted exclusively to White Orpingtons, than any other breeder on this continent.—Poultry Success, Springfield, Ohio, February, 1909.

The White Orpingtons began their real history in the American fancy when Mr. Ernest Kellerstrass took them up. Mr. Kellerstrass has done for this variety and for the breed of Orpingtons in general what no other man has ever accomplished for any other breed.—American Poultry Journal, Chicago, Ill.

It was a rare treat to spend a day in September at the Kellerstrass Farm, where were originated the Crystal White Orpingtons, now famous the world over. Mr. Kellerstrass himself does the work of a half dozen expert poultrymen and does it right. Mr. Kellerstrass exhibited upwards of \$25,000 worth of birds at the Chicago Show.—Western Poultry Journal, Cedar Rapids, Ia.

Mr. Kellerstrass has taken the chicken business out of the kindergarten class, and has done more to encourage the poultry business than any ten breeders in the United States combined. The Kellerstrass Farm won over 90 per cent of all premiums offered. We doubt if any breeder in the world ever sold stock or eggs that produced as many winnings in one season as the Kellerstrass Farm did in 1908. The Inland Poultry Journal takes its hat off to men of this kind.—Judge Theo. Hughes, Editor Inland Poultry Journal, Indianapolis, Ind.

Mr. Ernest Kellerstrass, of Kansas City, Mo., is the owner of the most perfect fowl in the world, according to the National Poultry Association of America.—New York Herald, March 15, 1908.

"Peggy," the \$10,000 hen owned by the Kellerstrass Farm, was viewed by over half a million people around the southern circuit of State Fairs, which included Nashville, Memphis and Atlanta.—Southern Poultry Magazine, Nashville, Tenn., December, 1908.



Send \$1.00—and a Copy of the Latest Revised Edition of the Book Will be Sent You by Return Mail

Address ERNEST KELLERSTRASS, Publisher, R. F. D. 1, Box 98, Kansas City, Mo.

NOTE: Ask any editor of any Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.

You, Reader, Can Do With Our Incubator What Others Are Doing

What We Claim, We Prove

Standard Cyphers Incubators are warranted to hatch, year in and year out, larger percentages of good, strong, sound chickens and ducklings than any other make or style of incubator on the world's markets—and they do it.

OUR 1910 COMPLETE CATALOG is brimful of the proof. Here we present a case in point showing Cyphers dependability

—Cyphers uniformity in profit-earning hatches. Poor hatches with an incubator *should be* the rare exception. Hundreds upon hundreds of pleased Cyphers Company customers are getting most favorable results. Here is an example:

Mr. R. P. Ellis, Brooklyn, N. Y., is the originator of the Aurora Chain of Branch Egg Farms; a co-operative establishment which has been most successful and profitable

in supplying eggs to the New York markets. The following certificate from Mr. Ellis will indicate the size and importance of this organization. The fact that it is a profit-making successful Poultry Farm or Chain of Farms, is proof that their plan of operating and their equipment is also most satisfactory. Needless to say they have Cyphers Company equipment. Read Mr. Ellis' certificate. Here it is:

Hatched Over 25,000 Chicks in Cyphers Standard Incubators

AURORA LEGHORN FARM

R. P. Ellis, Proprietor

SINGLE-COMB WHITE LEGHORNS EXCLUSIVELY—BRED TO LAY
2406 Flatbush Avenue, Brooklyn, N. Y.

Executive Department and Breeding Farm of the Aurora System.

Highest Grade of Poultry Products Delivered Direct to Private Residences.

Telephone, No. 956 Flatbush.

To Whom It May Concern:

This is to certify that on the home farm of the Aurora System of Branch Farms, between the dates of March 16th, 1909, and September 23rd, 1909, we hatched in *Cyphers Standard Incubators*, manufactured by the Cyphers Incubator Company, Buffalo, N. Y., U. S. A., 25,268 good-sized, vigorous, healthy, utility-strain White Leghorn chicks from 30,082 fertile eggs, or an average of 83.9 per cent of all the eggs that were fertile and hatchable. All hatches are included in the count, no partiality being shown to the machines. Out of ninety-five hatches two only were below 70 per cent, one of these being a 66 per cent hatch, the other a 69 per cent hatch. Of the ninety-five hatches twenty ranged from 70 to 79 per cent, fifty-seven ranged from 80 to 89 per cent, and sixteen ranged from 90 to 96 per cent. Hatches were made in all kinds of weather, the first hatches being started February 2nd, and the last hatch was taken off September 2nd. Reckoned by months the hatches averaged as follows, the eggs being set in the months named:

February—89.3; March—81.5; April—82.3; May—87; June—86.5; July—81.6; August—82; September—83.

We have never heard of better average hatching results, covering so long a period of time, and with so large a number of different hatches; and we do not know of any other make of incubator that could equal it. Your New York branch house will have my order for all the additional machines that our plant shall have trap-nested breeders of 160-egg, or better performance, to fill. We estimate that we shall set next season between 60,000 and 75,000 of our trap-nest-bred Leghorn eggs.

Our home farm and a majority of the branch farms use your adaptable Hovers, and they have given complete satisfaction.

AURORA LEGHORN FARM



Proprietor.

MR. R. P. ELLIS
Proprietor
Aurora Leghorn Farms

Women and Beginners Are Successful With Cyphers Incubators

"This Is My First Year's Experience."

"Ellington, Conn., July 15, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"My banner hatch was 93 per cent of all eggs set, and all my hatches averaged 84 per cent. *The chicks were very strong and healthy, and I was much pleased with them.* I have one of your Style A, 1909 Brooders, and the chicks are doing nicely. I find both Incubator and Brooder to be A1. I also use your Chick Food with great success. This is my first year's experience in the business.

MAX BERTZ."

"Is This Not Good For My First Attempt?"

"Mahoningtown, Pa., June 21, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"The No. 0, 70-egg incubator I bought of you this season has proven to be very successful. I am an amateur in the poultry business, but am well pleased with my present results. I set the machine with 68 eggs; tested the 13th day, and found 53 fertile eggs, and on the 21st day there were 45 chicks hatched. *They are all living and doing well.* Is this not good for the first attempt? I have been feeding them on Cyphers Chick Food. I have shown my incubator to a great many people, and they all think it the most perfect machine they have ever seen.

PERRY THOMAS."

"It Is My Duty to Let You Know."

"Lebanon, Pa., June 19, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"I think it my duty to let you know of my success with your No. 1 Incubator and Style B Brooder which I bought from your local agent last March. I took three hatches from your incubator so far, and have the fourth in now. From the first hatch I got 84 chicks from 99 fertile eggs, all healthy and strong; hatch No. 2, I got 97 chicks from 106 fertile eggs; No. 3, I got 107 chicks from 128 fertile eggs.

"This is my first experience with an incubator and brooder, never having seen any before. The chicks from the first hatch are nine weeks old, and they weigh from 1½ to 1¾ pounds, which I think is very good. My faith in your machine is great.

R. T. YOEUW."

"Will Hatch Every Good Egg."

"Accomac, Pa., July 16, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"Last February, I bought from your agents, Messrs. Sprecher & Gans, one of your No. 1 Standard Incubators. I set the machine running and hatched 98 as fine little chicks as ever came through an egg shell. *I set, all told, 498 eggs, and hatched 427 chicks, which is not so bad for my first attempt.* Then I got 100 Pekin duck eggs, and hatched 78 of them. I will say that Cyphers Incubators will hatch every good egg entrusted to them.

LEONARD WALLER, JR.

"This is Considered Phenomenal."

"Adams Run, S. C., March 26 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"It may be of interest to you to know that my last hatch of 110 chicks was the result of 118 eggs left in incubator, and this is considered phenomenal by those of my neighbors who use incubators.

DR. J. T. TAYLOR."

"Raised 192 out of 200 Chicks."

"Canton, Mass., June 7, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"I have been in the poultry business two years previous to this season, and had a failure each year in the raising of my chicks. *This year I bought one of your Style A 1909 Brooders, and am having such good results with it that I bought another of the same style.* Out of 200 chicks I have raised 192. They are all growing well. Your Chick Food, also, cannot be surpassed.

MRS. CHARLES MCCARTHY."

"Ninety-five Perfect Chicks From 101 Eggs."

"New Haven, Conn., July 28, 1909.

"Cyphers Incubator Co., Buffalo, N. Y.

"This year we bought a No. 2 Cyphers Incubator and Style A Brooder. They are fine. One hatch was 95 perfect chicks from 101 fertile eggs. Another hatch, *I forgot the eggs and left them out from 8:30 A. M. to 10:30 P. M., but I got 137 fine chicks from 150 eggs.* Every hatch has been over 90 per cent. The brooder is just as good as the incubator.

ADA A. LEIGH."



To the Chicken-Raiser Who Wants Biggest Hatches - Healthiest Broods

DOUBTLESS you are looking forward to the day when you will own a Cyphers Incubator. Why *postpone* your satisfaction and savings?

Why worry along trying to *coax results* with an inferior incubator—that hatches a poor percentage under “21 days’ protest?”—

That is a *losing proposition from the start*—When the best—the standard machine of all—is so easily obtainable?

We want to hear from every man and woman in this country who is aiming to make the most money in chickens—who wants to

Make the Best Start

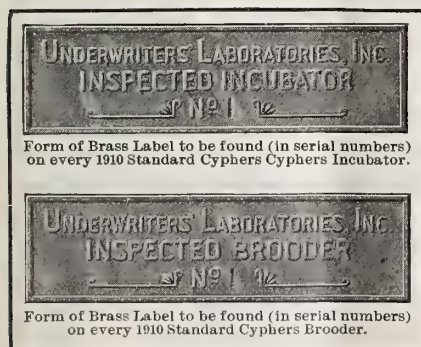
We want to prove to them the big mistake they make by “experimenting up” to Cyphers quality.

And that—first or last—the Cyphers is the most *economical* proposition they can possibly consider.

The Cyphers Is an Incubator of Known Quality

It has the standing, the reputation! It is used by more Government Experiment Stations and by more large, practical poultry plants, by more fanciers of national reputation—than any other.

It is not only the incubator for the big and successful poultry raiser—It is the incubator for the beginner.



It guides him away from faults and failures. Does not bother him with moisture troubles, heat troubles, ventilation troubles. It is trouble-proof—almost neglect-proof. Give it 10 minutes’ attention each day—that’s all.

Address Nearest Office

Cyphers Incubator Company, Dept. 30,
Buffalo, N. Y.; New York City; Chicago, Ill.; Boston, Mass.; Kansas City, Mo.;
Oakland, Cal. Reliable agents in principal cities and towns. (2,000 selling agents.)

The Standard Cyphers Incubator is made of Michigan White Pine. That is the best wood for incubators.

We Pay From \$10 to \$20 More

—per thousand feet—to get this lumber than we would have to pay for the kind used in the poorer incubators.

The most efficient *resistant* to heat and moisture.

The Cyphers is a hot-air incubator—because *that* is the best system.

You don’t want a machine with a tin or galvanized tank in it—that, sooner or later, springs a-leak, soaks the eggs and spoils your prospects. A metal tank is bound to accumulate sediment. That makes *uneven* heat.

Our Patented Diffusive Principle

applies the heat gently and evenly through porous diaphragms; diffuses and draws it out through a lower set of diaphragms. No air currents or *direct drafts* to chill the eggs. The Cyphers is a genuine non-moisture incubator—no added moisture is required. It also is self-ventilating.

The self-regulating device is perfect. The steel regulator of the thermostat never changes. Other makes have wafers and discs that get out of shape or fail to work.

The drop-bottom, which gives extra ventilation in summer in warmer rooms and hot climates, is another special Cyphers feature.

Also the handy nursery drawers in Nos. 2 and 3 Cyphers. They let you take out chicks and ducklings without disturbing the rest of the hatch.

The Cyphers Were the First Inspected and Insurable Incubators and Brooders.

The first to be perfected and safeguarded in heater, lamp and general construction to conform to the rigid “Rules and Requirements” of the National Board of Fire Underwriters. The first to be tested, *approved and labeled* by the Insurance Engineers. Every Cyphers Incubator and Brooder bears the Inspection label of the Underwriters’ Laboratories, placed thereon under the direction of the National Board of Fire Underwriters.

Cyphers Incubators Are Guaranteed to You

Test a Cyphers Incubator at our risk. Use it for four hatches—90 days.

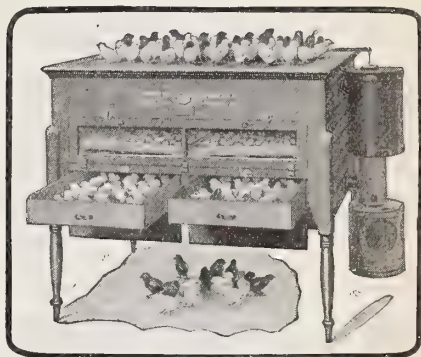
If it doesn’t prove all that we claim for it as a *standard incubator*—return it, after FAIR TRIAL, within 90 days—and your money will be refunded.

Every Cyphers is warranted for 10 years, without repairs, if given ordinary care.

Learn all about our \$40,000 experimental and demonstration Poultry Farm. Seven popular varieties. Stock and Eggs for sale.

Write for Our 1910 160-Page Cyphers Catalog

Our book this year is more instructive than ever, more fully illustrated. It shows the leading poultry farms all over the coun-



try where Cyphers machines are in use—gives real letters from their owners, every one *dated* and signed. It describes and illustrates Cyphers Incubators and Brooders from popular sizes up to the Mammoth machines for big, practical poultry plants—and the 70-odd Cyphers special poultry products.

And it tells of our latest achievement—Cyphers Electric-heated and Electric-lighted devices for hatching and brooding chickens—usable everywhere that a constant electric current exists for ordinary lighting purposes.

Fill out and sign the coupon below:

COUPON FOR YOUR CONVENIENCE

Cyphers Incubator Co., Dept. 30, Buffalo, N. Y.

Gentlemen:—Please send me your 1910 Catalog without obligation to me. I am interested in a.....size incubator (or) asize brooder.

Name.....

Address.....

S. C. BLACK ORPINGTONS

Now is your time to buy some good breeding hens or cocks at close prices that will produce winners. Write for prices. Mention American Poultry Journal.

M. B. WILLIS, Jr. : : : : Auburn, Indiana



MOFFITT'S
Perfection Ideal Aluminum Leg
Band 12 for 12c; 25 for 20c; 50 for
10c; 100 for 65c. State variety
bands are for. Send two cents for
sample. For poultry and pigeons.
J. MOFFITT SOUTHBRIDGE, MASS.

Trethaway's Anthracite Black Minorcas

Still hold their record by winning at the largest shows in America 1908-'9. Four choice pens mated, the cream of 18 yrs. breeding and will produce winners for 1909-10. Limited number of eggs sold this year, \$5 per 13, \$9 per 26. Send for mating list.

ARTHUR TRETHAWAY, 45 Parish St., Wilkesbarre, Pa.

World's Fair Prize Winners

If its grand young stock you want, for breeding or for the show room, we surely have them. Give us a chance to show you and help you, for we can please you in Barred Ply. Rocks, Wyandottes, Leghorns, Games, Pekin Ducks, Wild and Bronze Turkeys. We can supply you with anything in choice Fruit Trees or Poultry Supplies.

OUACHITA VALLEY POULTRY FARM
Geo. W. Brown Prop. Camden, Ark.

Fine Part. Cochins

Prize winners bred in line for 27 years. Eggs \$5 per 15. Stock for sale every month in the year.

Dr. H. F. Ballard : Chenoa, Illinois

Col. Wyandottes

Vigorous, blocky, snappy quality. Winners of SILVER CUPS, BLUE RIBBONS and DIPLOMAS in sharp competition. We can please you in birds for breeding or exhibition. A nice lot to select from. Prices reasonable. Write us. Address

CANFIELD & KING
Box A 27 : Painesville, Ohio

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Wyandottes

Best in Ohio. On six entries at Cleveland I won 1st pen, 2d chl., 4th cock, 4th pullet and silver challenge cup for best display. Some choice young stock for the fall and winter shows. Write today for prices and particulars.

T. K. Martin : Chicago, Huron Co., Ohio



"WINTER EGGS 45c—WHEW! Why not preserve eggs when cheap this Spring? Write Willett's Water Glass Egg Preserver Co., Box 56, Anderson, Indiana, for prices and particulars.

White Wyandottes

Winners at Indianapolis and Toledo

Ten years of careful breeding has produced an unequalled exhibition and laying strain. Young and old stock at all prices. Circular : : : : :

GEO. BARKDOLL
Box 62 : West Unity, Ohio



75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

Sibley's R. C. Rhode Island Reds

Won at Detroit, Jan. 9-14, '09, 23 prizes, 12 firsts and 11 others. At Chicago, Dec. 16-19, '08, 17 prizes, 10 firsts and 7 others. At Indianapolis, Sept. 7-11, '08, 11 prizes, 5 firsts and 6 others. 51 prizes, 27 firsts and 24 others in three of the largest shows tells its own story. Send for full catalogue.

Irving A. & Frank Churchill Sibley : 1032 E. Jefferson St. : South Bend, Indiana

BRED-TO-LAY BARRED PLYMOUTH ROCKS

Large and prolific laying strain. Bred for eggs, size and perfection for 18 years. Young stock for sale. Orders received for eggs at all times. Circular free.

Wm. J. Davis : R. R. No. 1 : Eaton, Indiana

NORTHUP'S MINORCAS SINGLE AND ROSE COMB

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our customers in strong competition. Our Rose Comb Black Minorcas have won more first and second prizes than all competitors combined at New York, Boston, Philadelphia, Chicago and the World's Fair. Large catalogue free.

Geo. W. Hey Successor to : : : R. 6, Raceville, Washington Co., N. Y.
Geo. H. Northup & Son

METCALF'S S. C. BUFF : ORPINGTONS

- A grand lot of breeders and show birds for sale, from my Chicago, St. Louis and State Show winners. I can fit you out for any show at reasonable prices. 100 cockerels, \$3 to \$5. 150 pullets, \$3 to \$5.

Merrill B. Metcalf : Box F : Greenfield, Ill.

ARISTOCRAT

Barred Ply. Rocks—the finest in the world. Half price sale now on. Catalogue free. Please mention this paper.

W. D. Holterman, Fancier : Box 2, Fort Wayne, Indiana

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That when you order S. C. White Leghorn or Barred Plymouth Rock eggs or incubator chicks from us, you get the products of our own farm, which means the best that money can buy.

Woodlands Farms, Inc., : Iona, N. J.

**William Cook & Sons**

[ESTABLISHED 1873]

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ORIGINATORS : OF ALL THE ORPINGTONS

For information on the origination of all the Orpingtons and valuable hints on poultry keeping, send 6c for our new illustrated catalogue.

If you want the best Orpingtons you must send to their originators, who naturally have the best, as proved by our many unbeaten show records. 12,000 firsts and specials won by us. 90 firsts, 68 seconds at five showings at Madison Square; more than six times as many firsts as any other Orpington breeder. Convincing facts, these.

We guarantee safe delivery and satisfaction, which is backed by a reputation of 36 years standing; this should mean something to you.

Several thousand stock birds always for sale.

Every order receives Mr. P. A. Cook's personal attention. Advice free. Inspection invited. Trains met, 19 miles from N. Y. City.

Keep Roup Out of Your Poultry Yard!

It takes quick action and a sure remedy to save your flock, once this deadly and highly infectious disease makes its appearance. One sick bird will infect the entire poultry yard—there is no time to experiment with unknown and untried "Roup Cures."

CONKEY'S ROUP REMEDY

has stood the test for years, and thousands of poultry raisers everywhere know that it does the work. A little now and then in the drinking water of the well fowls will insure your birds against Roup; and the worst cases yield readily to its healing influence.

One 50c Box Makes 25 Gallons of Medicine

Get a package of Conkey's Roup Remedy, and put a thimbleful in the drinking water. Let your fowls drink all they want. It's no trouble to treat the whole flock; results are quick and sure.

You Can't Afford to Take Risks!

An outbreak of Roup may occur at any time. You are never safe unless you keep a package of Conkey's Roup Remedy on hand, and use it occasionally to keep your fowls in perfect health.

Poultrymen everywhere send in the verdict that Conkey's is the only real preventive and cure for Roup in existence. We have such great faith in it that we unhesitatingly offer you

Your Money Back if it Fails

If you buy a box of Conkey's Roup Remedy and it fails to do the work, we **refund the money** on receipt of the empty box. We send you the cash by return mail and ask no questions. Price 50c and \$1 postpaid.

Get a Copy at Once! Just Off the Press! Going Fast! Conkey's Poultry Book!

New 1910 edition, revised and greatly enlarged. Every owner of fowls should have this book in the house. Tells you everything you ought to know about poultry. Filled with valuable information that obtained in any other way would cost you hundreds of dollars and years of costly experience. The whole subject of Housing, Feeding and Care of Fowls, How to Increase Egg Production, How to Secure the Largest Percentage of Healthy Chicks—**everything** is covered by experts.

Remember, we want to send you this great money-making, money-saving book **absolutely free**. Just send us your poultry-supply dealer's name and 4c in stamps for postage. **Do it today.** We had a large edition printed, but the enormous demand is rapidly exhausting it.

If you can't obtain our remedies from local dealer, write direct to us.

THE G. E. CONKEY CO.—The Conkey Laboratories (5)
Dept 18 CLEVELAND, OHIO

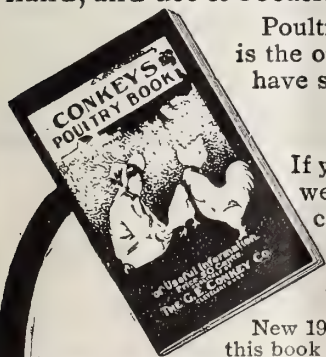
Conkey's Poultry Remedies

are used by up-to-date poultry raisers all over the civilized world—recognized everywhere as the safe, reliable means to keep health in the poultry yard.

We make a specific remedy for each disease. Every poultry ailment is covered by our list. Prompt and intelligent treatment with Conkey's Poultry Remedies will insure you a vigorous, healthy flock.

Following is a partial list of our most widely-known remedies:

Conkey's Roup Remedy
Conkey's Bronchitis Remedy
Conkey's Cholera Remedy
Conkey's Gape Remedy
Conkey's Chicken Pox Remedy
Conkey's Limber Neck Remedy
Conkey's Scaly Leg Remedy
Conkey's Rheumatic Remedy
Conkey's Healing Salve
Conkey's Poultry Laxative
Conkey's Poultry Tonic
Conkey's Flea Salve
Conkey's Sulphur Candles
Conkey's Head Lice Ointment
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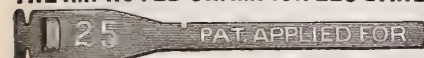
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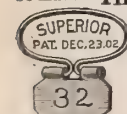
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W. A. BROWN, Professor of Poultry Husbandry at University of Maine, College of Agriculture, Orono, Maine, says:—

I consider Farm-Poultry one of the best poultry magazines published. It is true that it has not been considered as optimistic as some others, yet I think we like it all the better on that account. Some papers make too high an estimate of the profits and pleasure to be obtained in the poultry business. Farm-Poultry holds us back to the level, and as you say, I think it needs papers of both kinds to tend to ultimate success.

C. K. GRAHAM, Director of The Hampton Normal and Agricultural Institute, Hampton, Va., says:—

It is a pleasure to me to say that I enjoy reading Farm-Poultry. I believe it has done as much good for the poultrymen of America as any paper published. To be sure its articles are not always optimistic, but they are inspired, I believe, by an editor who is trying to give his readers honest information regarding the poultry industry, and it has been, during the past five years, a pleasure to me to recommend your paper to inquirers.

D. J. LAMBERT, Professor of Poultry Culture at R. I. State College, Kingston, R. I., says:—

Permit me to say that I never hesitate to recommend Farm-Poultry to any one inquiring about poultry papers. I have long admired your editorial policy, and believe that you present facts as you see them, without fear or favor. Of course we appreciate every good word you say for the Agricultural Schools, and think that you recognize the poultry schools as one of the trio of forces that is helping to increase the welfare of this industry. The poultry press and the shows the other two.

O. W. DYNES, Professor of Poultry Husbandry at North Dakota Agricultural College, Agricultural College, North Dakota, says:—

Farm-Poultry has been coming to my desk for years, and although a western man, with a western view point, the general policy of your paper seems eminently sane and practical. Possibly because I am an experiment station man your editorial utterances appear at times to be unduly critical and caustic, but on the other hand it is distinctly noticeable that no poultry paper is quicker to endorse a good piece of investigational work than Farm-Poultry. No one will impugn the honesty of its policy, and it has been quick to discern the good and bad in poultry methods and practices. That sort of progressiveness will always win.

JAS. DRYDEN, Professor of Poultry Husbandry at Oregon Agricultural College and Experiment Station, Corvallis, Oregon, says:—

I am pleased to say that I read Farm-Poultry regularly and with considerable satisfaction. I believe your paper has done a great deal for the poultry industry along its practical side. It is certainly frank and fearless in its utterances; this is probably well in this day and age of the industry. I believe we are making rapid progress in the work of developing the poultry industry; it may not seem so at times in this impatient age, but the historian of the future will say that really wonderful things have been accomplished. We may not always agree. That we cannot expect in the present state of our knowledge of poultry keeping, but if we honestly disagree there will be rapid progress. There is a tremendously big field for a poultry paper with the policy that seems to guide Farm-Poultry, and I trust you are meeting with a generous response to your efforts.

W. R. GRAHAM, Professor of Poultry Husbandry at Ontario Agricultural College, Guelph, Canada, says:—

Your paper is more carefully read than any other poultry publication that comes to this office. I mean by this that it is not only read carefully by myself but by all our students as well. I do not know that we can say more for the reliability of the information given in your paper.

J. G. HALPIN, Professor of Poultry Husbandry at Michigan Experiment Station, East Lansing, Michigan, says:—

I have been very much pleased with Farm-Poultry during the last year, and I believe that Farm-Poultry should be placed among the list of the very best poultry magazines published in America today. I always place Farm-Poultry on the list of magazines that I recommend to farmers about the state, and others desiring information about poultry publications.

H. C. PEIRCE, Professor of Poultry Culture at Iowa State College, Ames, Iowa, says:—

It always gives me pleasure to say a good word for Farm-Poultry. Its articles are instructive and essentially practical, the only criticism being that there are not enough of them. In his editorials, Mr. Robinson is fearless and non-partisan, and he has that rare faculty of saying things so clearly and concisely that his opinion lingers long in the memory of the reader. The poultry industry is indeed fortunate in having such a mind as Mr. Robinson's devoted to its interests.

HORACE ATWOOD, Professor of Poultry Culture at West Virginia Agricultural Experiment Station, Morgantown, Va., says:—

I take pleasure in saying that in my judgment Farm-Poultry is one of the most valuable poultry papers of the country. Poultry publications of this class have a wide sphere of usefulness, for there is no other agency through which a poultryman can keep in touch so easily and so completely with improved methods and developments. I have the highest regard for your publication, and this brings to mind that my subscription has expired and I herewith enclose P. O. order for renewal.

JAS. E. RICE, Professor of Poultry Husbandry at New York State College of Agriculture, at Cornell University, Ithaca, N. Y., says:—

Farm-Poultry is one of our strongest poultry publications. I like it particularly because it has opinions which are frankly and fearlessly expressed. My respect for the paper is not lessened because I may sometimes disagree with the opinions of the editor. It makes us think and grow to have people differ with us, and we always respect opinions when they are honestly expressed. Farm-Poultry has taken advanced ground in favor of education and experimentation in Poultry Husbandry at the Agricultural Colleges and Experiment Stations, and devotes considerable space to presenting the most recent and best information available from these sources. This I believe, is more and more appreciated by readers as the work of the stations become more and more reliable and practical. I am glad of the opportunity to express my appreciation for the good work which Farm-Poultry, together with a number of other Agricultural Journals, are doing to advance the profession of Poultry Husbandry in dignity and importance. This is being done by showing up both the weak points and the strong points. What we want is the bare truth. Modern Poultry Husbandry will stand the search light.

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A Large Trial Can
25c, by mail

Also put up in 1, 2 and 3-pound packages at \$1 per pound

Ben-Min is also unequalled in the treatment of frosted comb or feet, pip, canker, chicken pox, sore eyes, droopiness in chicks, bumble-foot and favus.

BEN-MIN CO.

303 REP. BLDG., CEDAR RAPIDS, IA.

1000 BUFFS THAT ARE GOLDEN 1000

Buff Rocks, Buff Orpingtons, Buff Wyandottes, Buff Leghorns and Buff Cochins—Also turkeys and water fowls, the greatest winter laying and prize winning strain in America. 3,000 prizes to their credit including Chicago and Minneapolis. 1,000 breeders and show birds at bargain prices. Our sale circular tells all. It's free.

Ziemer's Buff Poultry and Bee Farm, Austin, Minnesota

Modern Orpingtons at Moderate Prices

S. C. Blacks Exclusively—The finest lot of youngsters we ever raised. 50 utility cockerels from heavy laying strains and the best blood in the world, at from \$3 to \$10. Write now and get the pick.

Blue Ribbon Poultry Farm :: Columbus, Indiana

Hurlbert's White Minorcas

Champions of the Great Mid-Show, Chicago, December 7-12, 1909—Won on Rose Combs: First, second and fourth cock; second cockerel, first and third hen; first, second and third pullet. On Single Combs: First cockerel; third and fourth hen; third, fourth and fifth pullet. Write for catalog of 1910 matings.

J. J. Hurlbert, R. F. D. No. 3, Morrison, Illinois

Columbian Wyandottes

Styers' Strain Columbian Wyandottes have no equals. Birds bred, owned and exhibited by me have won prizes at Chicago, New York and Boston. If you need real quality and will pay a reasonable price I can deliver the goods. The best Columbian eggs ever sold will come from my yards this season. New catalogue out in February, it's free. Write today.

Fred Styers :: R. F. D. No. 25, Greensburg, Indiana

JONES' WHITE ORPINGTONS

WON AT ST. LOUIS

At the great Missouri State Show, held in St. Louis, Dec. 6-11, '09, the greatest show of recent years, I won 1st, 2d pen, 1st, 3d, 4th pullet, 1st, 4th hen, 5th ckl., special for best display and several other specials.

J. W. JONES - - BROOKFIELD, MO.

EGGS FOR HATCHING FROM FOGG'S S. C. W. LEGHORNS

are the kind that will hatch you WINNERS and HEAVY LAYERS. My matings this season contain the best birds in this country. 1910 mating list ready now. If you want eggs in single setting or thousand lots, it will pay you to send for it. Can furnish you breeding cockerels and pullets in any size lots at right prices. If you are interested in the best in S. C. White Leghorns, send for mating list and catalog now. Get your order in early.

N. V. FOGG : Box R : MT. STERLING, KY.

Bronze Turkeys

NO BREEDER of Bronze Turkeys can equal the record won by my birds at Madison Square Garden, New York. Eighteen birds entered winning eighteen prizes, also winners at Chicago, St. Louis, Cincinnati, Indianapolis, Nashville, Tennessee, Springfield, Illinois, and the great St. Louis and Pan-American expositions. What better proof as to their superiority.

300--Choice Turkeys for Sale--300

Fine large, well marked young toms at \$8.00, \$10.00 and \$15.00 each. Selected old toms, great large, finely marked fellows at \$10.00, \$15.00 and \$20.00 each. A lot of choice hens at \$5.00 and \$8.00 each. Flocks of five hens and tom at \$35.00. Eggs, \$1.00 each. Address

Mrs. U. R. Fishel :: Box A :: Hope, Indiana

Importer and Exhibitor of Standard Game Specialties

Black Reds, Brown Reds, Golden Duckwings, Silver Duckwings, Red Pyles, Birchenes, Blacks, Whites, Cornish Indians, White Indians, Black Red Malays, and Black Sumatras. **PIT GAME (Winners)—Game and Ornamental Bantams**—Black Reds, Brown Reds, Golden Duckwings, Silver Duckwings, Red Pyles, Birchenes, Blacks, Whites, Malays, Buff, Partridge, Black and White Cochins, Light Brahmas, Golden and Silver Sebrights, White Booted and R. Combs, Japanese. Prices reasonable. R. J. Snyder, Judge, 1170 Cottage Grove Av., Grand Rapids, Mich.

Thorniley's Famous S. C. Anconas

Bred in line from World's Fair and Madison Square winners and for heavy Winter egg production. Ten years an Ancona specialist. Have several cockerel or pullet mating pens for sale. 400 good breeding cockerels for sale. If you want to win at your coming show, write me for the birds to do it with. Am now booking orders for day-old chicks and eggs for hatching. Circular and description of the Ancona free : : :

Willard J. Thorniley Life Member American Poultry Association Member Ancona Club of America **R. 1, Box 36, Marietta, O.**

PETERSEN'S HOUDANS

THE UNDEFEATED
CHAMPION STRAIN
OF AMERICA ❁ ❁

¶ Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. ¶ REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. ¶ Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

REV. C. E. PETERSEN ❁ Pres't Am. Houdan Club from 1900 to 1907 ❁ **BRIDGTON, MAINE**



Crescent Poultry Farm, Frank Foy, Prop., Des Moines, Iowa

Foy's Big Book---Money in Poultry and Squabs

Describes and illustrates all the leading varieties of pure bred fowls and Homer Pigeons for squab raising. ¶ Tells you all about how to raise poultry for profit, how to feed and mate, all about diseases and remedies and a great mass of useful information. ¶ Gives plans for building poultry houses, describes and illustrates the best incubators and brooders and the famous Crescent Poultry Farm, which is the largest poultry farm in this country devoted exclusively to the rearing of pure bred poultry and pigeons. ¶ IMPORTANT ADVICE—Tells you how to start the business in a small way and grow big. My specialties are thoroughbred fowls of a high quality, and Homer Pigeons for raising squabs. ¶ I can supply eggs for hatching from all leading varieties by the single setting or in large lots for incubators. My prices are low. The quality is high. All who want to keep posted in the poultry business, or contemplate purchasing anything in the above line, should send for this book. Mailed to any address for 4c in stamps. Write your wants; mention A. F. J.

FRANK FOY : : : **Box B** : : : **DES MOINES, IOWA**

SCHAUUM

ENGRAVING & PRINTING CO.

MILWAUKEE WISCONSIN

ARTISTS · DESIGNERS · PRINTERS

ENGRAVING by BUILDERS of CATALOGS

ALL PROCESSES AND BOOKLETS

CATALOG-A-FOR THE ASKING

Lee-Smith's Single Comb Rhode Island Reds

Strain vigorous, healthy and great layers.
Eggs for hatching \$5.00 per 13, \$9.00 per 26.
Utility \$10.00 per 100. Write for information.

Dr. M. Lee-Smith, Watertown, N. Y.

White P. Rocks

The Kind That Win—Some choice show and breeding birds for sale. Write for prices and full particulars.

P. B. Condit, 2138 N. Capitol Ave., Indianapolis, Ind.



WH. WYANDOTTES

Gold Medal—Silver cup prize winners. Three grand pens containing winners, sure to breed winners. Eggs \$5 per setting. If you want quality send me your order. Some fine birds yet for sale.

W. T. Carroll : Youngstown, Ohio

S. C. R. I. REDS

The best that money and years of line breeding upon scientific principles can produce. Stock better than ever. Write for prices.

Geo. L. Buell : Lorain, Ohio

KNAPP'S WHITE WYANDOTTES

A few more fine cockerels for sale, some full brothers to my Ohio State Fair winners. Now booking orders for day-old chicks and eggs for hatching. Prompt attention to correspondence.

Herbert H. Knapp : Tiro, Ohio

White P. Rocks

Exclusively. Prize winners scoring to 95. Eggs in season, \$3 per 15. Quality, not quantity, is my aim.

J. F. RAFFERTY, - CANTON, ILL.

Poultrymen!!

Send 10 cents for our illustrated catalogue. Describes 35 varieties. Full of useful information.

EAST DONEGAL POULTRY YARDS
Marietta : Pennsylvania

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

WOODS' S. C. BROWN LEGHORNS

Won more first prizes at Missouri State Show, 1908, than all competitors combined. Cockerels and pullets for sale that will hold their own in the fastest company. Tom H. Woods, R. 4, Fayette, Mo.

Wyckoff's S. C. White Leghorns

Acknowledged everywhere the World's Greatest Laying Strain. Unequalled in standard qualities. Remember that we are the originators, and for more than 30 years specialty breeders of the justly celebrated Wyckoff Strain of S. C. W. Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. 2,000 choice yearling hens, fine strong early cockerels and a few yearling cocks; must be sold at once to make room, and prices will be made especially attractive to early buyers. Send for catalogue and state wants as near as possible. Address

WYCKOFF'S FARM - AURORA, Cayuga Co., N. Y.

Quality Barred Plymouth Rocks

Simpson's Barred Plymouth Rocks have again shown their quality by winning at the great Chicago show first and second cock, first and third hen, fifth cockerel, third pen, and specials for best four cocks, best four hens and best four pullets. They always win wherever shown. If you want quality write me. I have some grand birds for sale. Am booking orders for eggs from pens containing my prize winners at \$10.00 per setting. Write for circular and mention American Poultry Journal.

EDGAR G. SIMPSON : : : : : NAPERVILLE, ILLINOIS

Coulter's Quality Reds

Rose Comb exclusively. Winnings at Cincinnati, December, 1909: 2d cockerel, 5th pullet, 2d, 3d and 4th hens. At great Chicago show, 1st pullet. Large blue grass breeding pens. Young stock have free range of 150-acre farm. Stock bred from 200-egg dams. Price of eggs, \$5.00, \$4.00, \$3.00, \$2.00 and \$1.50 per set.

Chas. C. Coulter, Prop., Maywood Farm, Frankfort, Indiana

RICKEY'S S. C. W. LEGHORNS

Remarkable winning at the great St. Louis show, 1909, again proves their supremacy. In a class of 223 S. C. White Leghorns, including a 1908 Madison Square winner, we won first cock, first pen, second pullet and second hen, a winning equalled by no other exhibitor of this variety. Write for prices of stock and eggs.

Chas. H. Rickey, Box A, Clarence, Missouri

American Standard of Perfection

LATEST EDITION

No poultryman can breed fowls intelligently without this book. It tells you what the different varieties of fowls must be to conform to the regulations of the American Poultry Association. This book is the guide by which all poultry judging is done.

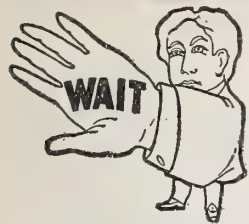
It contains ideal drawings of the different varieties of fowls, gives the Standard weights, colors, markings, etc. In fact, is the poultryman's encyclopedia.

Order one today and learn to your own satisfaction if your fowls are up to Standard requirements.

ONE PRICE, \$1.50
Send all orders to

American Poultry Journal Pub. Co.
358 DEARBORN STREET : : CHICAGO, ILLINOIS

Exhibition Coops Now Ready!

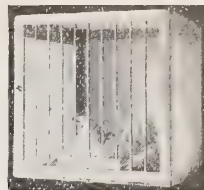


DON'T ORDER UNTIL YOU SEE OUR CATALOGUE unless you are in a hurry and want to order direct from this ad. Prices—Single size, \$1.00 each; \$5.50 per half dozen; \$10.00 per dozen. Pen size, \$2.00 each; two for \$3.50; six for \$9.00. Stained mahogany. **FREE with each order of one dozen single coops**, we will send one pen coop, or for \$6.50 we will ship half dozen single and one pen coops. Coops are all standard size as called for in the American Standard of Perfection. Coops of any other size are apt to be set in the back row at many poultry shows. The door slides all the way up so as to allow the judge or exhibitor to take the bird out without breaking the feathers. This means **POINTS** in scoring. Our coops are made strong, can be shipped from show to show in perfect safety, can be easily set together and taken apart as easily for storing.

We furnish everything, canvas, tacks and nails. **Don't forget that we make the best trap nest in the world**, besides other poultry house fixtures. We also make a special eight-section coop that is just the thing for poultry associations. Send for our catalogue, it's free. Secretaries correspond with us.

H. R. Cooper & Co., Manufacturers

Saginaw, Michigan, U. S. A.



Burhans' "Quality" Exhibition Barred Plymouth Rocks

Champions of the Northwest Captured the lion's share of honors and the glory for the strongest exhibit ever made in the Twin Cities. See former ad for winnings. I am now offering a few crack exhibition cockerels and pullets bred the same as they, with a few yearling hens cockerel bred. These are the sort of cockerels that impress their likeness on their chicks. Large size, red eyes, yellow legs and beaks, shapely and smooth in finish, barred to the skin and clean cut and bright on the surface. They will please. Priced low for the quality. Wings and tails barred right. Come early as they are few but selected. Eggs, coming season at five, ten, fifteen, twenty-five and forty-five dollars per setting. Are they worth the money? Ask my customers.

Amos Burhans Box A Waterville, Minnesota

Rose Comb Rhode Island Reds

We only have the one kind. Our stock is as good as the best. Winnings at Tennessee State Fair, September, 1909: first hen, second pullet, second cock, fifth cockerel and second pen. At Tri-State Fair at Memphis, first and third cock, first and second hen, second cockerel and second pen. Eggs in season. \$1.00 to \$5.00 per 15. :: :: :: ::

McMinnville Poultry Ranch :: McMinnville, Tennessee

Coleman's Eureka Tonic and Roup Tablets

The greatest discovery of the age in the poultry remedy line. These tablets are positively guaranteed to cure **roup and colds**, will build up the fowl's system, guaranteed to prevent the loss of birds due to the exposure and disease contracted in the show room, will put the fowls in the finest possible condition for exhibition. No matter what the disease Eureka Tablets will save your birds.

Don't take our word for it, but read the following unsolicited testimonials from the greatest authorities in the country:

Loring Brown, eminent poultry judge and manager of Belmont Farm, Smyrna, Ga., the South's largest poultry farm, writes: "Please send the tablets by return mail. I have lost no less than \$200.00 worth of birds by not having your valuable remedy."

Dr. S. R. Harrison, Shelby, Ohio, writes: "Your tablets have saved birds for me that were more than half dead. I cannot find words to speak too highly of this wonderful remedy."

T. N. Davis, Wholesale Grocer, Topeka, Kansas, writes: "I have tried about all Roup cures but I find that none of them are of much force but yours, and it is a truly ROUP CURE, so please find enclosed one dollar (\$1.00) for which send me five (5) boxes of your tablets at once."

H. B. Hark, manager of the Hartman Stock Farm Poultry Yards, Columbus, Ohio, the world's largest poultry farm, writes: "They are the very best thing I have ever tried to put a bird that is out of condition into good shape quick. At the Kentucky State Fair a friend came to me with a cockerel that was all in, could not hold up his head. I gave him two of your pink pills. The next morning he stood up like a fighting cock and took one of the first prizes."

What more proofs of the wonderful power of this remedy could be asked for?

Write today. A liberal sample box will be sent for stamp, or better still, send 25 cents for a full size box containing 65 tablets, postpaid, or 5 boxes for \$1.00. Please mention American Poultry Journal when writing.

The Coleman Company : Desk 4 : Carey, Ohio, U. S. A.

Our New Poultry Book

ORIGIN AND HISTORY OF ALL BREEDS OF POULTRY

This Book Gives a Complete History and the Origin of all the Recognized Varieties of Chickens, Ducks, Geese and Turkeys, and is

Illustrated With 198 Colored Pictures of Fowls Painted From Life

SOMETHING NEVER BEFORE ATTEMPTED BY ANY PUBLISHER

This is, without question, the greatest book ever published on poultry. The artist's work alone on this book took almost one year's time to complete, but it shows the fowls in their natural colors and correct shape, and these colored pictures, together with the history of each variety, gives the fancier all the information to produce fowls for either exhibition or breeding.

How to Mate

This book also tells how to properly mate the different varieties of fowls to produce birds that will conform to Standard requirements. This is something that even the Standard of Perfection does not do. It tells you at a glance what it will take years of practical experience to learn. It is a book that no breeder or fancier can afford to be without, as it is just as suitable for the needs of the experienced fancier as for the amateur.

Price Only \$1.00

Or this Book and American Poultry Journal, one year, for only \$1.25

Send all Orders to—

AMERICAN POULTRY JOURNAL PUBLISHING COMPANY
358 DEARBORN STREET -- -- CHICAGO ILLINOIS



SINGLE AND ROSE COMB Buff Leghorns

At Chicago, December 7 to 12, 1909

**Makes a Record Unequaled by
Any Buff Leghorn Breeder :::**

Winning in *Largest and Hottest* Class of Single and Rose Comb Buff Leghorns ever shown in the *United States* under one roof. Honoring on *Sixteen* out of *Eighteen* entries, as follows: Single Comb—1st Pen, 1st and 2nd Hen, 1st and 5th Pullet, 2nd and 4th Cockerel, 4th Cock. Rose Comb—1st Pen, 1st and 2nd Cock, 1st and 2nd Hen, 2nd and 4th Pullet, 3rd Cockerel.

Also winning *Silver Cup* and *Silver Set* and special for *Best Shape* and *Best Colored Female* offered by American Buff Leghorn Club.

I will mate *Sixteen Pens* for the season of 1910; *Thirteen Pens* of *Single Combs* and *Three Pens* of *Rose Combs*. Mating list ready for mailing February 1st. Get a copy before placing *Egg Orders* elsewhere.

"Buffs"—The Quality Leghorns

Have proven by *test* to be the *Best General Purpose Fowl* on *Earth*, because they are *light eaters*, *healthy*, *hardy* and *large Winter Egg Producers*, *choice eating*, *handsome*, *attractive* birds—every inch of them. My *Catalogue* tells all about them.

Advice to Prospective Buyers

To save time and lengthy delays and to assist you to decide how much to invest to get a *Good Honest* start in the Breeding of *Single or Rose Comb Buff Leghorns*, combining the *Exhibition* and *Egg* producing qualities, I suggest the purchase of \$35.00 *Trio* or \$50.00 *Breeding Pen*.

For the Man who is out for *Eggs* and cares little for the exhibition end, the purchase of a \$10.00 *Trio* or \$15.00 *Pen* will give *Grand Results*. Get my *descriptive price list*.

Success--Buff Book

My beautiful illustrated 8x11, 32-page Cata-logue, with colored cover design, contains colored plate insert of a pair of Buff Leghorns (suitable for framing), showing true color and shape to breed to. This book covers every point of the Poultry business, especially the feeding, breeding, mating, conditioning, and care of Buff Leghorns; also covers the diagnosing of diseases common to poultry and a specific cure for same. Catalogues will be mailed to any part of the United States or Canada, upon receipt of Twenty-five cents, either coin or stamps.

F. A. TECKTONIUS - - ROUTE 7, RACINE, WISCONSIN



First Pullet, Milwaukee, 1909

Bie's Barred Plymouth Rocks

WINNERS WHEREVER SHOWN. 1909 WINNINGS. CHICAGO, MILWAUKEE, KENOSHA

At Chicago in the strongest competition, west of New York City, on one entry I won third pen, one of the three most coveted prizes.

At Milwaukee—In a hot bed of **Western** and **Northern** competition, January, 1909, my winnings stand unequaled, honoring 1st pen, 1st hen, 1st, 3d and 5th pullet, 2d cock, and 3d, 5th and 6th cockerel. All specials for best color and shape on males and females, also silver cup for best display in American class.

At Kenosha, Wisconsin—One of Southern Wisconsin's best shows, I won 1st, 2d, 3d and 4th pullet, 1st, 3d and 4th cockerel and 1st pen.

Stock Offer--Breeders' Attention! I offer exceptional values on 100 pullet breeding cockerels at \$10.00, \$15.00 and \$25.00 each. Twenty exceptionally fine breeding trios at \$35.00 each. Ten extra fine breeding pens at \$75 each. 100 utility pens and pullets at \$2 each while they last, **order at once**. All shipments are subject to my order; if birds are not all I claim for them. **Thirteen years** of line breeding have put my birds in the **front rank**. My matings for 1910 will comprise all my 1909 winners and birds of their equal. Eggs at \$5 and \$8 per setting.

George H. Bie - Racine, Wisconsin

AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

Volume 41

Chicago, Ill., January, 1910

No. 1

DOES POULTRY ADVERTISING PAY?

Methods Pursued by One Who Has Made a Success—Time and Persistent Efforts Will Bring Results—Grotesque or "Funny" Advertisements Are Not What the Buyer is Looking For

Written for American Poultry Journal by F. A. Tecktonius, Racine, Wis.

ADVERTISING of a poultry farm cannot be made to pay successfully unless you first have stock that, in a sense, largely advertises itself. Then your advertising, through the mail, and in the poultry "class" papers, acts as a valuable supplementary force. Each assists the other and, properly combined, they yield good returns.

This is, of course, no new theory. It applies very generally, I think nearly every successfully advertised article has merit, or it would not be a success—at least not for any very great period. The old saw still stands: "You can't fool all the people all the time."

When I first began the breeding of Single Comb Buff Leghorns I did no advertising—for then, of course, I had nothing to advertise. But later, when I did have stock that I might have sold through advertising, I knew better than to try to do so. I was still developing and perfecting my breed, and I had not reached a point where I could consistently say very much in an advertisement. It was not until my birds had taken a number of first prizes at the big shows that I really began systematic advertising.

Now, looking back over the past two years, I feel well satisfied that my policy was a good one. Today, I am in position to not only fulfill every promise made in my advertising, but also to do more. I can guarantee that my statements are true—that purchases will be satisfactory—and a very cursory investigation upon the part of the public will prove that my guarantee is good.

I state these facts here, not for the sake of self-praise, but merely to emphasize my point that poultry farm advertising is not practicable unless conditions are as good or better than they were with me when I first commenced advertising. But, conditions being right—and the advertising properly written, properly placed, and properly followed up—that advertising will pay, and pay well.

The advertising mediums used by me have been carefully tested, and although it cost me something at first to experiment, I am now pretty well assured in advance that those carrying my "copy" will eventually bring back every dollar spent with them—and much more besides. I have revised my list repeatedly—added to it new publications, and dropped others, as my judgment (based on results) dictated—until I feel satisfied that I am now using the pick of the poultry papers, for my proposition. However, when I say "based on results" I do not mean the results of one advertisement. Hardly any proposition advertised ever pays "right from the jump." Advertising did not begin to "pay out" for me until I had a pretty respectable sum invested in it. None of the publications used ever paid me until I had been running my ad. in them for several months—and now I know from actual experience (not hearsay) that the effects of advertising are cumulative—that they keep on piling up, like a rolling snowball; but in order to make them "pile up," the ball must be kept rolling. Thus I have found that in my business, at least, the policy of spasmodic advertising is a decidedly poor one.

I use poultry journals for my advertising almost exclusively. I know that there are quite a number of papers of

"general" or national circulation, that carry some poultry advertising, but I have not tried them out to any extent, as yet, and so cannot give an authoritative opinion as to their merits. I only know that, in my experience, the good, high class, long established poultry journals are the "pullers."

In the preparation of advertising "copy," remember to be brief, and very much to the point. A good advertisement must perform three functions: it must catch the eye; it must arouse interest and desire; and it must compel action—either inquiry or purchase—but, ultimately, purchase. Your advertisement must do these things, in greater or lesser degree, or it is no advertisement at all—only an announcement, or "business card."

In my advertising, I am now using a little triangular "cut" of a true-to-shape Buff Leghorn, with the word "Tecktonius" which I have adopted as a sort of trade-mark, and also because it is unusual enough in appearance to readily catch the eye of a person glancing through the pages of the publication. Then I endeavor to write my advertising "copy" so that it will be interesting reading, and will create on the part of the reader a desire to order either a setting of eggs or a pen of birds—or at least know more about them.

A word of caution here: Never try to be "funny," or to write a grotesque advertisement. Such things may "catch the eye," but they do nothing else, and cannot be expected to. Because you are (or may think you are) witty, is no sign that you know how to raise chickens successfully. Wit and salesmanship do not combine well—in an advertisement.

After an inquiry is received, follow the policy of giving the prospective purchaser just as much information as possible about your methods of breeding, feeding, mating, etc., even before being assured of his business. Merely saying that your birds are "fine ones," etc., doesn't make much of an impression. Show why they are so—how you made them what they are—and how you keep them up to the mark at all times. To do this has an additional good effect, entirely outside of giving the "prospective" the information desired. It conveys the impression that you are open and above-board in your general business methods—that you hold no secrets from anyone—and the natural inference will be that you employ a similar policy in all your individual dealings.

Lastly—I endeavor to give satisfaction to every purchaser, at any cost. Doing this gives one that free, word-of-mouth, direct advertising that beats every other medium on earth for actual cash results.

The price of eggs on the Chicago market has been going up steadily for the past three weeks. Who says there is no money in the poultry business with eggs at 45 to 50 cents per dozen; chickens, 15 to 20 cents per pound, and turkeys, 28 to 30 cents per pound? Put your money in the poultry business. It is a good investment.

The mammoth incubator manufacturers are doing a rushing business these days. The demand for poultry products far exceeds the supply, and the shrewd men recognizing the possibilities in the poultry industry are equipping their plants with these large machines so as to be able to keep up with the growing demand.

There is no line of business today that offers as good opportunities for the investor as the poultry business.

The supply of choice breeding birds is short and those who have them are getting the prices.

WHO'S WHO IN HENDOM



I LOVE my native heather, but oh, you O-hi-o!

Sure, we are going to stray back east for Who's Who material this month, but on the way we ran square into a chicken state that has done something chickenwise, so here we rest for a moment or two before going further. If Tom McGrew could but put the words of eloquence in my mouth—I mean in my typewriter—then would I feel sure I could do the state justice. But my eyes are grown dim with the years of time and my pen lost its cunning in fishing beauties from the ink pot, so the dear fanciers of that little but big state will have to forgive the mental minus with which I set me down to picture its glories.

Given a spread at the banquet board that is fitting for the gods, a flow of soul as is only found among good Ohioans on such occasions, the perfect assimilation of Tom McGrew and about 180 pounds of pressure, and the chances are that Tom would rise in oratorical flights of vocabularic splendor and make the real home run of the evening. I, instead, get out my blue book of all chickenists, thumb the pages over till I find Ohio, then fish among the weeds and lily pads for a few strikes that will bring the state to mind in a manner befitting the best there is in me.

Ohio is a great state. In chickendom she is a classic. There are no more at home like her. There she sits in the bright light of day, preening herself. When you are discouraged and want to join the down-and-outers, just take the map of the state in the left hand and a pencil in the right, sluff yourself over the dining table and look for the towns that have been placed thereon by the fanciers who have humbled themselves by residing there. Why, man, there's many a town in the state where the trains didn't stop before some good, live chicken fellows appealed to the railroad management!

Right? I know I'm right.

Ohio is great in the number of its candidates for national offices, from the big chair in Washington to the big seat in the A. P. A. She holds out as many shows as the next state, and more of them than three-fourths of the states. She is bounded on the north by Cleveland and Toledo, on the east by Akron and Canton, on the south by Cincinnati and a few remaining Kentucky fueds, on the wild and woolly west by Lima and Dayton, all these revolving about Columbus. If these boundaries do not suit you, get that one given by the sage of Mansfield, S. Theo. Campbell; he is disinterested and will treat all alike.

When folks want to do a thing, firstly, they go to Ohio and there see how Ohio does it. She is always at the front of the firing line. The chicken institutions that are housed within the state are many and great. There are large and small, wide and narrow, high and low, farms, plants and village acres. On all the farms of the state there is nothing but pure bred fowls. If there is a breed that needs a friend it goes to Ohio to get it. If it needs more friends, they go to Ohio again.

Ohio contains more chicken men to the square foot than any state with four corners, and the numbers of her poultry judges is something fierce, there being about four or five to every township. Of course, you can take all of this you like. It stands out here on the counter to be advertised and you may as well load your pockets as not. We are glad to get rid of it. And then just look at the prizes the state won when she went down to St. Louis to the world's fair and ate 'em up! Heavens!

They do not have to tell what they have done, either, down there in O-hi-o. They are doing things every day in the year. The music of the lark and the whistle of the curlew as it sails over the meadow have no soothing sounds for the ears of the chickenist Ohioan; what he wants is prizes, prizes, prizes, by the basketful, wagonload, trainload. Look

at what the River Home Farms have been doing. Why, man, they went out to the shows the past few seasons and used a van to get their prize money and silver and gold plate home, as they wended their way back to the state; while the merry bluebirds mated on the bough of the apple tree and the vagrant winds wafted odors of delicious blossoms across the fields where the bees buzzed as they bumbled busily, and from the dell came the gentle tinkle of the bell on the neck of Deacon Mossback's favorite Ayrshire heifer.

Step down to Bascom, Ohio, and look over those first prize pens of Buff Orps. that Strubble showed down at the Garden the last couple of years. Don't they

make your pocketbook water?

When it comes to Reds, go to Ohio to find them! Simmons and Crittenden, over there in Geneva, are producing some good ones. Orpingtons are given a lot of yard room in Ohio. Over there at Piqua we find a lot of good ones in the yards of J. Frank Mahan. Dillon & Bell, Cincinnati, also breed Buffs, with some Wyandottes and Reds. Defiance is represented by Albert Anderson and his S. C. W. Leghorns and Barred Rocks.

Clark and Pike, Willoughby, are producing some good White Rocks and doing some winning at Cleveland and other good shows. G. W. Bachman, North Baltimore, is breeding some good Barred Rocks. Canfield and King, Painesville, are winning silver cups and diplomas and cash specials with their Columbian 'Dottes. Willoughby also comes in for the Covert Barred Rock Farm, where they are doing some good business in Rocks and winning at the best shows.

When it comes to baby chicks, they are right there with the pudding in Ohio. Uhl & Co., New Washington, was the first, I believe, in the state. They have been sending chicks all over the world. R. C. Caldwell has also done a lot of hatching and ships White Rock chicks from his mammoth incubators the country over.

Roseland Farm, South Euclid, is another farm given over to the growing of Buff Orpingtons. H. Burkholder, Clyde, is one of the thousand and more Barred Rock men who are doing things in Ohio with this grand old breed. A. G. Clark, again hailing from Willoughby, is breeding practical Reds. Most Reds are practical birds, so all breeders of Reds make the claim, but Mr. Clark says his are way above the average.

H. H. Knapp, Tiro, is one of the day-old chick shippers, and breeds them from his best White Wyandottes. Barber-ton is one of the little towns that the chicken business in the state has helped to place on the map, and C. L. Patterson, with his Columbians, has helped to keep it there. George F. Buck and Sylvester Shirley hail from Port Clinton, and their stock is second to none. A. J. Laudon, Elyria, breeds all the Rock family and still has room for producing a few good Reds. F. M. Clemans, Mechanicsburg, fancies Columbian Rocks and Black Wyandottes. This is a queer combination, but it produces results. The two Sixts are breeding good enough birds to win at Detroit and Cleveland, and this in the hard varieties of White Wyandottes and Leghorns. F. E. Wilson, College Hill, is a Rose Comb Red breeder whom nothing but the best satisfies.

Tannenbaum Farms, Willoughby, breeders of the best there is in Columbians and Barred Rocks, have a superb layout to work with and are always in the money in the show room. They are good folk to tie up with. Thorniley's Anconas, Marietta, are the standard of their section. Buff Wyandottes are the hobby of T. K. Martin, who lives in Chicago—not Illinois, but Ohio. George Barkdoll, White Wyandotte specialist, calls West Unity, Ohio, his home, and his birds have found niches in such shows as Toledo and Indianapolis.

Ira C. Keller, Prospect, has been one of the state's best advertisers "ever since Heck was a pup," and there is no outlook more pleasing than that of Brookside Farm. When



"THE BEST IN THE WORLD"

WHITE PL. ROCKS

BRED & OWNED BY

W. R. FISHEL, HOPE, IND.

he goes out to the shows he wins. And if you were to read over his catalogue you would see that they go into the quality shows.

And did you ever think of Ohio without thinking of Charley McClave? Well, we guess not! He is the waterfowl king, big K. Charley is one of the old-timers and knows all about chickens. He breeds about forty varieties and none of the beginners go to him without his telling them all they ask of him and then he gives them an idea of what more he knows that will do them any good.

McNary & Smith, Bannock, is a firm that is doing business in a big way with Rose Comb Reds. They hatch them and grow them by the thousands. And I might go on indefinitely telling of hundreds of others, including G. B. Smith & Son, S. M. Dickenson, L. E. Simmons, McFerren, Maple Glen Yards, O. E. Michael, Oscar Holtzapple, F. S. Hawn, Homer Slagle, W. T. Carroll, Andy Smith, J. E. Graham, B. M. Billings and A. J. Thuneman.

The Ohio boys are all bent on having state aid for their state show, and well they deserve it. They are working to make the state experimental station poultry plant one of the best in the country. They realize that all this takes time and money and know that money is hard to wring from



Photo from life of a "Ringlet" exhibition pullet, bred by King Brothers, Oshkosh, Wis.

the state legislature. They know that even with the great place that the state holds in the fancy, it takes work to get it up still higher. They are giving annual instruction in poultry husbandry at the agricultural college, but know that they need more equipment and instructions, and so they are going after their lawmakers hard, striving to get what the industry in their state demands.

I might go along the way saying a lot more things about the state of Ohio. But there is not the room, nor does the state need them to spur her on in her work. I admit that my articles are worth the money, but when I take up the papers and note that Peary got \$50,000 for his story of the discovery of the Big Nail, it makes me weary—and having made this confession, I will now go out and pull a few stubbs from the legs of my crack show birds and see if there is some way that I can fake the color of the lobes. I suppose that sooner or later the A. P. A. will get my hide and hang it in the spotlight of publicity, but who cares? The cup is full, and what it will not hold must slop over.

Fare thee well, Leonora, fare thee well.

P. S.—I'll be back next month.

POSSIBILITIES OF THE POULTRY BUSINESS

What We Can Reasonably Expect—The Cost of Feed, and the Average Yearly Egg Yield—A Summary of Results Attained, With Profit Assured—Eggs as Food, Etc.

Written by H. P. Schwab, Eastern Representative A. P. J. Condequoit, N. Y.

Part Two.

THAT which we may reasonably expect from the poultry business is well shown in the summary of figures given below. In the collection of these we have been careful to only use those that appear reasonable to us, as well as those from parties whose reputation and success are well known. It is our one aim to only give facts, and if we are in error in any way, we stand ready to be shown. We have every reason to believe the figures given are reliable and that they only show the average of profit that can be obtained from poultry in most any section.

As will be shown, these figures bear out all our claims of profit in poultry fully. We have compiled these totals and consider prices that deal with the practical side of the question only, using every care to consider only the market value of stock and eggs to the consumer. The fancy side of this question will be left for future parts and consideration.

Feed Cost Per Hen Per Year.

For nearly the entire past year the price of feed has been very high; higher in fact than we have ever known it to be. With this in view, we were fully prepared for all estimates that came in reply to our requests. We received twelve replies, and in these the yearly feed cost per hen is given at from 65 cents to \$1.20. The average of the twelve gives us the cost at just \$1.03 per head. The lowest estimate we have, viz., 65 cents, comes from one of our greatest plants, where food is bought in carload lots and where the question of feeding is carried out on strictly scientific lines. Considering this, we have no right to question these figures. I believe them correct, but in this case, where the average flock is under consideration, and where the food is bought in small lots, these figures would be very low. The high price given, viz., \$1.20 per head, comes from those with rather small flocks, those from 50 or 75 to 159, that are located east and away from the grain producing farms. Most of the estimates ran from 90 cents to \$1.10, and from all these the average of \$1.03 was had, which, as before stated, seems to be about right to us, for we have found that we can feed for that amount the regular ration that warrants best results.

The Laying Capacity of Breeds.

We have and know of many exceptional layers; each flock has its share of these, as well as its share of females that will not lay over 100 per year. Hens that have laid from 200 to 240 eggs per year belong to the select class of hendom. If the breeder was to trap-nest his layers and select his best layers of this kind, then the average we give here could be greatly increased. We consider these figures of no value in this article, much as we would like to incorporate them. In this it is a simple question of what a flock of from 100 to 1,000 laying hens can accomplish under fair to good conditions.

We have direct information for this article from twelve breeders of Barred and White Plymouth Rocks, Light Brahmas, White and Silver Wyandottes, S. and R. C. Black Minorcas, S. C. White and Brown Leghorns and Buff Orpingtons. While the size of these flocks varies from about 100 to over 1,000 each, the flock average is given in each case, and I find the average is 162 eggs per head per year. This to us appears to be a very conservative estimate for these birds, that are all in competent hands. We personally know of several large flocks that hug the 200 mark closely, but we consider these exceptional cases, while an average of 162 under ordinary conditions looks just about right. This average is taken from figures that ran from 146 to 189, and we have reasons to believe that this best estimate is the result of better conditions and proper feeding only. We would further state that both this low and high estimate is from flocks of Barred Plymouth Rocks.

Along with the reports received we have several from experimental stations that have been compared, and we find that as a rule our figures are quite a little more conservative. This can be accounted for best in the care of housing and feeding used on the government and state farms, and it is right here where the poultryman can learn with

profit, if he will but keep posted and up to the times. We may safely take it for granted that by expert handling and feeding it would not be a difficult job to breed a flock of any of the popular breeds that now average from 140 to 160 eggs per year up to an increase of fully one-quarter more.

The Cost of Egg Production.

In addition to the above we wish to add that some very interesting experiments have been made to determine the cost of egg production. In these only the cost of food was considered, and no mention is made of interest on investment, labor, etc., therefore the results show only feed cost of eggs produced. Mr. Miller Purvis, in *The Poultry Book*, page 100, says: "The writer kept a careful account of a flock of S. C. Brown Leghorns for one year and found the feed cost of eggs produced by this flock was exactly 5.25 cents per dozen." We would add to this that we know of no better authority than Mr. Purvis.

In a prize competition made under the auspices of the Ohio Farmer, Mr. Purvis was selected to award the prizes. Seventy-two flocks were in competition, and this lasted from May 1 to November 1. The cost of the eggs produced by

estimate we have fully considered the usual price and the difference of production in winter and summer.

To sum up the totals, we find that a hen or a flock that will average 162 eggs per year, their product is worth just \$2.97; the cost of feeding is \$1.03. Now, deducting 25 per cent for labor, housing, repairs, etc., we have a clean net profit of \$1.23 per year per head. If there is any other business that will, with the same investment and running cost, approach these returns then we haven't heard of it. They are superior to Standard Oil or Kodak stocks.

Well as these figures show, we can still say they are not the limit to be obtained. Location here figures prominently in the returns, as do the amount of stock kept and its handling. If you are located anywhere within 500 miles of the great business centers, then these figures can be increased as has been shown, by better than 25 per cent, and at the same time, with all under consideration, we can't see how they can be reduced from the totals above given.

The First Cost.

In starting in the poultry business the first cost is but a trifle when compared to future advantages and results. We have always held that the best is none too good to start



Tenant house on "Old Homestead Farms," J. H. McDanell, Warsaw, Ky., prop. This plant is now greatly enlarged to meet the demand for his famous Golden and Columbian Wyandottes. Send for handsome catalogue.

these flocks during the period of the tests was almost exactly 6 cents a dozen.

The Canadian Department of Agriculture asked of a large number of poultry breeders the cost of eggs to them, and the replies indicated that between 5 and 6 cents a dozen was the average feed cost to them in the Dominion of Canada.

From December 1, 1901 to March 29, 1902, a period of seventeen weeks, the New York experiment station at Ithaca conducted an experiment in which ten of the best known poultrymen of New York kept account with their flocks, each feeding in his own way. There were twelve flocks on the ten farms, ranging in numbers from 25 to 600, the aggregate being 2,133 hens. The average feed cost during this time was 16.3 cents. It should be remembered that this test was made during the most unfavorable time of the year.

Our own returns in regard to the prices received for eggs are not as complete as we wished them to be, and we are also aware that in the sections we have drawn our special information from the price of eggs varies greatly with the seasons. One party reports he receives 30 cents per dozen for six months of the year and 55 cents for the remaining six months. These are all shipped to a New York hotel, and we know of some others that are receiving still a better price than this. But to consider the price that is within the reach of all to obtain, we would have to fall back on our figures and give 22 cents as the lowest average. In this matter; we also have in view that this will bring the breeder

with. In our last we pointed out the value of the Standard breeds, and may again refer to them. We mention this here so that the reader will not lose sight of this most important into the fancy question, from which he will find that the returns will several times double the figures above given.

The Egg Value as Food.

The egg as a food to our purpose is a well balanced ration. In composition they closely resemble meat and milk, much more than they do any of the vegetables. From the chemical composition they are shown to belong to the same class as the other animal foods, and may take the place of them. Elaborate experiments, both in this country and Europe, have demonstrated that eggs are equally digestible with other foods of their class and that they are more thoroughly digested than other foods of similar composition. It is claimed that eggs at 25 cents per dozen are cheaper food than beef at 12 cents per pound.

Palatability has much to do with the value of foods, although why this is so is not well understood. Eggs are relished by almost everyone, old and young alike, while meats are rejected by a great many people.

We had hoped to complete this series with this part, No. 2, but we find there are still several more questions that crop up and that are really a part of this, so, on request, we will go further, if not in our next, on account of that being the big show number, then part three will follow at our first opportunity.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to B. Rabkin, Woodbine, N. J., and the second prize to Harry Lentz, Sharon, Pa.

HOW TO RAISE HEALTHY CHICKS.

WITH the approaching of winter months the work of incubation and brooding begins intensively, and it is timely to give some suggestions concerning that subject.

It is said, with right, that the future and success of the world lies in the hands of the young generation.

Paraphrasing, I will say, that the future and success of the poultry plant depends mainly on the young stock you raise.

If you are lucky to bring up a strong, healthy stock of chicks you may be sure that your poultry is built on a strong foundation, that you'll be successful, and the work in the poultry yard will be easy and pleasant.

Otherwise, when the chicks are weak and insufficiently developed, don't expect anything decent from your poultry. "Hard luck" will always accompany you.

But how to get strong and healthy chicks? There are four factors to be considered in raising strong chicks. They are:

- I. Parental stock.
- II. Incubation.
- III. Brooding.
- IV. Immediate care after brooding.

They are the four corner stones on which the success of poultry is based. Their importance is, to my mind, in the order mentioned.

I. Parental stock.

Strong healthy chicks you can expect only from strong and healthy hens. The fundamental condition of a successful hatch and brood is the high fertility of the eggs. No matter how much care you'll give to hatching and brooding as long as the embryos of the egg are of low vitality the result of your work will be nothing, or nearly nothing.

In order to procure eggs of high fertility the following requirements toward the breeding stock must be observed:

1. Don't use eggs for incubators which are collected from your flock indiscriminately. Pick out the best, healthiest hens, keep them separate from the others and give them your special attention.
2. Keep the breeding pen absolutely free from lice and mites. Whitewash the pen frequently and dust the hens with lice powder.
3. Feed them with good, nourishing food. Also supply them in abundance with green stuff.
4. Induce them to take much exercise. Feed them grain in litter eight to ten inches deep.
5. Don't let too many cocks run with the hens. One cock is enough for eight or ten hens. The best system is to have one cock run with the hens one day and another cock the next day.
6. The best age of a hen for breeding is from 1 to 2½ years old.
7. As soon as a hen shows a sign of ill disposition remove her from the breeding pen.
8. The eggs must be fresh as possibly you can get. Every

day over a week old lowers the percentage of the hatch. Especially is this true in hot weather.

II. Incubation.

There are two ways of incubation, natural and artificial. For the artificial incubation we use an incubator. Before starting the incubator inspect and overhaul all the moveable parts of it. It pays always to disinfect the incubator before setting it up with some carbolic solution or kerosene. Then let the machine aerate for a day or so. Put together the machine and run it for a day or two without eggs. Never be in a hurry with putting in your eggs. While the incubator is running pick out the eggs and put them on the tray. Better when the eggs are of uniform size and color. When the temperature of the incubator is 101 degrees, not higher, and is constant, open the incubator and let the temperature go down to 90 degrees or lower, according to the temperature of the room. The reason for cooling the incubator is that the eggs by putting in should not suffer from a sudden change in temperature.

Put the eggs in the egg chamber and close the incubator. Don't open it until the fourth day, when you begin to turn the eggs. The first day turn very little, next day a little more, etc. The purpose for turning is to supply to the eggs fresh air and to prevent the germ from sticking to the shell. The eggs we turn until the end of the nineteenth day, when the incubator must not be opened until the end of the hatch.

The germ in the egg develops by supplying to the egg a certain degree of heat, air and moisture.

The temperature must read as follows:

By starting, about.....	90°
The first three days.....	101°
The next four to seven days, about.....	102°
The second week, not over.....	102°
The third week, until nineteenth or twentieth day.....	103°
From nineteenth until the end.....	104°

The moisture must be supplied as follows:

First to seventh day, extra moisture; seventh to twelfth, extra moisture when dry only; twelfth to fourteenth, little moisture; fourteenth to twentieth, no moisture; twentieth to twenty-first, extra moisture.

Ventilation:

First to third days, no ventilation; third to seventh, little ventilation; seventh to fourteenth, more ventilation; fourteenth to twenty-first, plenty of ventilation.

III. Brooding.

Soon as the eggs begin to peep start the brooder. It is very advisable to disinfect the brooder before starting. Spread over the floor of the brooder a paper, sprinkle some dry sand, on the top of which put about an inch thick of clover leaves, hay, chaff or cut alfalfa. It induces the chicks to scratch in.

Warm the brooder up to 100 degrees. Usually the chicks remain in incubator for a day. Then they are transferred to the brooder. Leave them for another day without food. On the next day begin to feed them.

The required temperature in the brooder is as follows: The first two days, 98 to 100 degrees; lower the temperature gradually, so that at the end of the first week it will be 95 degrees; at the end of the second week, 90 degrees; the third 85 degrees, etc.

The question of what to feed the young chicks is not a settled one. Different people have different opinions about feeding. What I want to say is that food is of a minor importance so long as the chicks are healthy and the temperature is right. The chicks will eat everything with advantage. There are some points, however, to be remembered: (1) Keep the chicks always hungry and ready to hunt for food; (2) the ration shall be rather wider than too narrow; (3) the food shall be rather dry than wet; (4) induce them to scratch, by putting in plenty of suitable litter; (5) provide them with grit, charcoal and oyster shell.

IV. Immediate care after brooding.

After the chicks are five or six weeks old they are out of danger. They are removed into colony houses. The care

for them is now much easier. But any neglect causes fatal results. Provide them with a dry, clean place to sleep, and shade on a hot day. Feed them with a more narrow ration. Make them grow as fast as possible. Rain is their worst enemy, and look out they should not get wet.

B. Rabkin.

Woodbine, N. J.

SUCCESS WITH CHICKENS DURING THE WINTER MONTHS.

IN ORDER to have success with the chickens during the winter months one should feed and house his fowls properly during the winter months. I advise that the house be built and arranged in order to give the fowls comfort and heat. The house should be, if possible, double walled in the cold climates and single walled with a layer of tarred paper in the moderate climates. A slant roof is preferred more than the gable roof, and should not be more than four to five feet in height at the rear end. This helps to reduce the amount of dead air space which the fowls must warm in



COLUMBIAN WYANDOTTES.

First cock, Chicago, 1903, and two winning pullets. Bred and owned by Fred Styers, Greensburg, Ind.

cold weather. The floor of the coop should be at least raised six inches above the surrounding land, so as to insure dryness. The floor should be made of cement or earth (gravel). The best perches are all on a level and not more than two or three feet above the floor. By having them level, the fowls do not fight and crowd for special positions, and by having them low they are more easily cleaned, and fowls that fall, jump or get pushed off will not be injured. The windows in the house should all face the south if possible in order to let the sun shine in. The house should be properly ventilated during the winter as well as all seasons of the year. Shafts and openings in the roof used to ventilate are more harmful than good as they let out the warm air and let in a downward current of cold air. Instead of having two glass windows in the south wall cover the one with cloth. This curtain permits a gentle diffusion of fresh pure air, but breaks up all drafts and cold currents. On pleasant, sunshiny days remove the cloth screen entirely and give the house a good sunning and airing.

Proper feeding during the winter months is another vital factor of success. In order to keep the fowl in health and laying condition, I advise the following method of feeding:

First, the house should have leaves or straw or any dry material as the like scattered on the floor to the depth of four to six inches. When the feed is given to the fowls it should be scattered about in the leaves or straw, whatever it might be. This makes the fowls scratch for their feed and keeps their muscles in trim and also provides them recreation and



Practical Reds at Ridge View Farm, Willoughby, Ohio.

entertainment and helps to keep them warm. Sand should also be scattered about on the floor as this is the only material the fowls obtain to digest their food.

The feeding of the fowls twice a day is all right in the warmer months, but the oftener they are fed in the winter months the better, as it keeps them moving around and prevents them from chilling.

Many poultrymen give their fowls the same dry grain the whole year around and they are thus dismayed that their fowls do not produce more. The ration of the grain should consist of one-half corn and one-fourth of oats and one-fourth wheat. By way of variety add occasionally another kind of grain such as millet seed, kaffir corn, buckwheat, sunflower seed, or beans and peas. Hot mash or scalded bran is also well liked by the fowls on cold mornings. In



Barred Plymouth Rock Cock, valued at \$200, bred and owned by F. R. Green, Lake City, Iowa. See ad on other page.

order to make the fowls lay, dried clover and meat scraps should be given them several times a week. The clover takes the place of grass and is rich in protein, and the meat also helps to make up the egg. If this method of feeding does not keep the fowl in good health and laying condition, nothing will.

Sharon, Pa.

Harry Lentz.

FACTS, FANCIES AND SUPERSTITIONS

"House of Hen's Feathers"—Superstitions Regarding Cocks and Hens—The Laying of Eggs by Cocks—Trial and Execution of a Cock Bird

Written for American Poultry Journal by Rev. C. E. Petersen, Beidgton, Maine

THERE exists at Pekin, China, a lodging house which surpasses in eccentricity all that the fertile imagination of Fourier could have conceived.

It is called Ki-mao-fan, that is "House of Hen's Feathers." This marvelous establishment is simply composed of one great hall, the floor of which is covered over its whole extent with one vast, thick layer of feathers.

Mendicants and vagabonds who have no other domicile come to pass the night in this immense dormitory. Men, women and children, old and young, are admitted without exception.

Everyone settles himself and makes his nest as well as he can for the night in this ocean of feathers. When day dawns he must quit the premises, and an officer of the company



WHITE PLYMOUTH ROCK.

First prize cockerel at Chicago, 1908. This illustration was made from a photo without any retouching. Bred and owned by H. W. Halbach, Waterford, Wis.

stands at the door to receive the rent of one sapeck (one-fourth of a penny) each for the night's lodging.

In deference, no doubt, to the principle of equality, half places are not allowed, and a child must pay the same as a grown person.

On the first establishment of this eminently philanthropic institution, the managers of it furnished each of the guests with a covering, but it was found necessary to modify this regulation, for the communist company got into the habit of carrying off their coverlets to sell them or to supply an additional garment during the cold weather.

It was necessary, therefore, to devise some method of reconciling the interests of the establishment with the comfort of the guests, and the way in which the problem was solved was this:

An immense coverlet, of such gigantic dimensions as to cover the whole dormitory, was made, and in the daytime suspended from the ceiling like a great canopy.

When everybody had gone to bed—that is to say, had lain down upon the feathers—the counterpane was let down by pulleys, the precaution having been previously taken to make

a number of holes in it so the sleepers would escape the danger of suffocation. As soon as it is daylight the coverlet is hoisted up again, after a signal has been made on the tam-tam to awaken those who are asleep, so as not to be entangled on the coverlet. China is a land of wonders, but this seems too wonderful a story for belief, but it is vouched for



One of the brooder houses at Tannenbaum Farm, Willoughby, Ohio. Barred Rocks, Columbian Wyandottes.

on authority of Frank H. Stauffer in his book on peculiar customs.

Superstitions Regarding Cocks and Hens.

Schweinfurth, in his "Heart of Africa," gives the following curious anguries from cocks and hens, common to various negro tribes.

An oily fluid, concocted from a red wood called "Bengye," is administered to a hen. If the bird dies, there will be misfortune in war, if it survives, there will be victory.



WHITE PLYMOUTH ROCK.

First prize pullet at Chicago, 1908. Bred and owned by H. W. Halbach, Waterford, Wis. Photo not retouched.

Another mode of trying their fortune consists in seizing a cock and ducking its head repeatedly under water, until the cock is stiff and senseless. They then leave it to itself. If it should rally, they draw an omen that is favorable to their design, if it should succumb, they look for an adverse issue.

But Africa is not the only place on earth where supersti-

tions relating to poultry flourish, for though Hooker's "Tour in Morocco" mentions that a cock was sacrificed by one of his attendants to appease the wrath of the demons in the mountains, the same sort of black art was practiced in Europe up to a very late date and even now is not unheard of among the peasantry.

A curious motion respecting fowls existed in various parts of England. On the morning of St. Valentine's day, the girls, before opening the outer door, would look into the yard through the keyhole. If they saw a cock and a hen in company, it was taken for granted that the person most interested would be married before the year was out.

Mr. Dalyell, in his darker superstitions of Scotland, observes that during the prevalence of infectious diseases in the East, a cock was killed over the bed of the invalid, sprinkling the blood over the sick.

A red cock was dedicated by sick persons in Ceylon to a malignant divinity and afterward offered as a sacrifice in the event of recovery.

In "Credulities Past and Present" it is stated that, in Durham there is a superstition that if any person was bewitched, the author of the evil might be discovered by the following means.

To steal a black hen, take out the heart, stick it full of pins, and roast it at midnight. The "double" of the witch would come and nearly pull the door down. If the "double"

from a stewed cock as an excellent outward application for those in peril from wild beasts, declaring confidently that whosoever shall bathe himself in this shall fear no harm from lion or panther.

Gerard Legh, in his "Accedence of Armorie," affirms that "the Cooke, is the royallest birde that is, and of himself a king, for Nature hath crowned hime with a perpetual Diademe, to him and to his posteritie forever. He is the valiantest in battle of all the birdes, for he will rather die than yeelde to his aduersarie." And one old writer goes so far as to declare that the lion, whom we have always been taught to regard as generosity itself, feels his royal title somewhat impaired by the rivalry of the cock, and that the pretension to royalty suggested by the scarlet crest is distasteful to the king of beasts, who can brook no idea of a rival.

There was throughout the Middle Ages an idea that one was able to incorporate any desirable quality by looking around for some creature of which it was characteristic, and then promptly making some culinary preparation of which this creature's flesh should be a leading ingredient. "If," says one of these sages, "you would have a man talkative give him tongues, and seek out for him water-frogs, wilde geese and ducks, and other such creatures, notorious for their continual noise-making," and so the steady self-assertion and valor of the cock naturally suggested the idea that the weakly and retiring would find in him valuable nutriment.



Interior view of 240-foot breeding house at Tannenbaum Farm, Willoughby, Ohio. Barred Rocks, Columbian Wyandottes.

was not seen, any one of the neighbors who had passed a remarkably bad night was fixed upon.

A considerable body of folklore is associated with the cock. One strange notion that can be found all through the earlier literature or to be more explicit, the books of the Middle Ages is that the lion has a strong antipathy to this bird, and that the crowing of chanticleer will effectually put to rout the king of beasts. One can readily imagine that the lion prowling in the darkness round some human habitation, would naturally resent the shrill clarion of the cock, and that this idea might, with the delight in mysticism and symbolism of the Middle Ages, be readily transferred to the roaring lion a symbol often applied to the devil seeking whom he may devour, and from this down to the superstition that all evil spirits flee by the first crow of the cock.

"They say the wandering powers that love,

The silent darkness of the night,

At cock-crowing give o'er to rove,

And all in fear do take their flight."

Bourne tells us that he never met with any reason assigned for the departure of spirits at the cock-crowing, but in our mind the above legend in semi-fact has much to do with its origin.

Even as early as the pre-Christian days of Pliny we find this belief in the antagonism between the two creatures in full operation, for this ancient author prescribes the broth

While actual incorporation was doubtless regarded as the most effectual, mere possession was not by any means to be despised. Thus Porta tells us that "if you would have a man become bold and impudent, let him carry about him the skin and eyes of a cock and he will be fearless of his enemies, nay, he will be very terrible unto them."

Most of the old cookery books recommend cock's broth for weakness, and here is one of these preparations that in their days were famous.

"The cock selected must be a red one, and not too old, having cut him into quarters, he must be put into an earthenware pot, with the rootes of Fennell, Parcelly, and Succory, Corans, whole Mace, Annise seeds, and liquorice scraped and slyced." Half a pint of rosewater and a quart of white wine is then to be added, together with "two or three cleane Dates, a few prunes and raysons," and then all must stew gently for the space of twelve hours. Finally, "streine out the broth into some cleane vessell, and give thereof unto the weak person morning and evening, warmed and spiced as pleaseth the patient."

The so-called cock-ale was another famous remedy and consisted of strong ale mixed with the broth of a boiled cock.

It is peculiar to find that all through the world's history the cock seems to be a favorite in almost everything pertaining to superstitious rites, and an augury of good and evil.

The ancient Romans believed that a crystalline stone was

to be found in the gizzard of a cock as large as a bean and which had the property of rendering the wearer invisible, this wonderful stone was called alec torius, but was by no means to be found in every fowl, as it rendered the bird invisible as well, and what somewhat puzzles us is how they managed to find the bird, though they might have felt for it at night on the roost where it was supposed to rest. Others

But as this article is already long enough, let us now wish you a Happy New Year and conclude in the quaint and delightful "Armonnye of Byrdes" with a mingled Latin and English:

"The cock dyd say,
I use alway
To crow both first and last,
Lyke a Postle I am,
For I preach to man
And tell him the nyght is past."

WEIGHT OF FOWLS SHOULD BE CONSIDERED

Its Value in the Show Room and How to Get It—Every Variety Should Have a Weight Clause—Weight Is Given More Consideration by the Buyer Than Any Other Section

Written for American Poultry Journal by Dr. H. F. Ballard, Chenoa, Ill.

THERE are probably more birds disqualified on weight every year than on any other one section. If that is a fact then weight is one of the most important sections in the Standard, and it is probably written about the least.

Two points to the pound being cut for weight, makes a heavy handicap on the weight varieties. There is a mistake in my article of last month, where I stated that an 86-point bird would have to weigh four pounds more to score 90. He would have to weigh but two pounds more. But those last two pounds are harder to get than the first seven were. We talk of putting an extra pound on a bird as if it were a small matter, but it is not always so. Some birds will easily take on an extra pound in flesh while with others it often seems almost impossible to increase their weight. It will depend just as much on the birds as on the feed. You may place four birds in a coop and undertake to fatten them, but find it absolutely impossible to make them all weigh the



WHITE WYANDOTTE.

Second prize pullet at great Illinois State Fair, 1909. Bred and owned by Dipple & Pierce, Indianapolis, Ind.

declare that this stone would relieve people from ever being thirsty and the cock that possessed the stone could be pointed out by the sign that it never did drink water.

The cock was at one time supposed to lay eggs from which were reared the deadly cockatrice. "When the cock is past seven years old an egg grows within him, whereat he greatly wonders. He seeks privately a warm place, and scratches a hole for a nest, to which he goes ten times daily. A toad privily watches him, and examines the nest every day to see if the egg be yet laid. When the toad finds the egg he rejoices much, and at length hatches it, bringing forth an animal with the head, breast and neck of a cock, and from thence downward the body of a serpent," says this naive old writer that lived and wrote when the world was young.

In the year 1474 a cock at Basle was publicly accused of having laid one of these objectionable eggs, and after a short trial was sentenced to death and burnt at the stake, together with the egg, in the market place, amidst a great concourse of the townsfolk, who were right joyfully thankful to feel that a great peril had been averted by the prompt action of their rulers, for a cockatrice was indeed no laughing matter to those who thought it one of the possibilities of life.

The poison of the cockatrice was without cure, and the air was in such a degree affected by it that no creature could live near it.

It killed, we are assured, not only by its touch, for even the sight of it, like that of the basilisk, was death.

Shakespeare makes use of this superstition, for we read, for instance, in "Romeo and Juliet," of "the death-darting eye of cockatrice" and again in King Richard III, "a cockatrice hast thou hatched into the world whose unavowed eye is murderous," while in "Twelfth Night" we find a passage, "this will so fright them both that they will kill one another by the look like cockatrices." The good people of Basle might, therefore, believing all this, very heartily congratulate themselves on their escape from a fearful peril.

Cock-crowing in mediaeval days received mystical importance from a belief that it was in the dawn of the morning that our Savior was born it was regarded, too, as a warning voice telling of the coming of the day of judgment, and sometimes when heard would call forth some pious ejaculation, it was also a standing reproach to Peter's denial of his master and a warning to all against self-sufficiency and base cowardice.



BLACK PRINCE.

First cockerel at Chicago. Bred and exhibited by Jesse T. Bateman, Waverly, Ill.

same. If you place but one bird in a coop you will find it much easier, though I believe four will do better than two. There will always be a boss among them, whether you have two or more. I have had better success in fattening in coops than in pens.

Now as to the kind of feed to use, there is nothing better than corn, except cracked corn, and nothing better than cracked corn except cornbread and potatoes; cooked, of course. A good plan is to feed all corn the first week; then add about half cracked corn the second week; and about one-third cooked potatoes the third week.

Always remember, however, that birds fattened in this way will lose weight rapidly as soon as such feed is withheld unless some wheat, oats or other feed is used at the same time to a limited extent. There are two ways to have birds up in weight; one is the above method of feeding; the other is to have birds with such heavy frames that they will not have to be so fat to be up in weight. We Cochin breeders all like short-legged, low-down birds, but my experience has been they are nearly always under-sized and must be fat to win. A large-framed bird is generally leggy, is off in shape, no matter how fat he is, and seldom has feathers enough on legs and toes to meet the up-to-date Standard requirements. You will meet men who tell you this is not so, that they have them, etc., but just buy one from them and see if what I say is not true. I bought a P. C. cockerel two years ago from one of the largest breeders in the United States, on March 1, and he weighed just seven pounds.

One of the writers on Asiatics stated some time ago that

some others are disqualified for underweight. I would make Leghorns, Polish, Hamburgs and all small varieties above Bantams disqualified for both over and underweight. Suppose a Leghorn hen's weight is set at three and one-half pounds; then I would make all weighing over four and one-



A TYPICAL "TANNENBAUM" PULLET.

Scores of these sharp barred Ringy Rocks are on this farm. This pullet will be in the money this winter without doubt.—Ira M. Crowther.

half pounds cut for overweight, and all under two and one-half pounds disqualified, or at least cut for underweight. There is no justice in allowing one variety to go through with



S. C. WHITE ORPINGTON.

Cock "White Prince" which headed 1st pen at Cincinnati, Ohio, 1909. Owned by Minnehaha Poultry Farms, Bannock, Ohio.

he had Buff Cochin cockerels to weigh twelve pounds at ten months of age. I had always supposed he was a truthful man till I read that most breeders find it hard to make them weigh nine pounds. I have a good sum of money to pay for a twelve-pound ten-months-old Partridge Cochin cockerel, and I don't expect to be overrun with offers after this is printed, either.

The demand for size is so great that we can almost set our prices at so much per pound, leaving out all considerations of other sections entirely.

One thing is certain, we shall never get it by raising June and July chicks. I have had July hatched chicks priced to me to weigh nine pounds in January; I never saw one nor bought one.

I believe that every variety in the Standard should have a weight clause. I know the Leghorn men have been kicking such a proposition terribly, but they either do not want to be fair to other varieties or else their birds are off in the weight line.

But I should make the weight clause in the smaller varieties with a jumping off place at both ends. Bantams are disqualified for overweight. Asiatics, Plymouth Rocks and



Second prize S. C. Red Cock, at Chicago, December, 1909. Shown in three-quarter plumage at Chicago. Photo taken in full feather when he is equal to the best S. C. Cock in the world. Bred by Ira M. Crowther, Willoughby, Ohio, Box A.

no cuts whatever on weight, while another variety just as good in every way is cut four points on this one thing alone. If this were done we would not see so many 96-point birds in the small classes.

EDITORIAL

WE LEAD OTHERS FOLLOW

65,000 A. P. J.'s for January, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the **American Poultry Journal** has contracted for printing and binding sixty-five thousand copies of the January, 1910, issue.

J. G. BUDDE,
Subscribed and sworn to before me this 21st day of December, 1909.

[Seal.] Harry E. Wright,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the **American Poultry Journal**, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the **American Poultry Journal**, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

The Iron is Hot

Parcels post and exorbitant express rates are now commanding attention the whole country through, and especially among poultrymen and those other lines of business that depend more or less on quick service for the carrying and delivering of freight that is too small to ship by slow means of transportation. Many are the charges that are laid at the door of the express companies, especially in the matter of even charges for service. It is safe to say that three coops of chicks sent a week apart to the same destination and weighing to the ounce the same would not be charged for alike or delivered at the same time. We make this statement, having had some experience in the shipping of birds and other matter, and any breeder who has done much business with the express companies knows, or thinks he knows, that the same conditions prevail in his immediate vicinity.

The time is ripe. Keep after your congressmen. They are the men who can give the country what it wants by letting in a system of parcels post which would make the express companies drop their exorbitant charges and do business the shortest and quickest way. The postoffice department must take charge of a parcels post system, and the service is now so efficient in this department that they can add this parcels system to their work with very little inconvenience.

One of the charges laid up against the express companies is that they carry stock the longest way round to get the most out of the haul. We cannot say that we have noted this, but we do see very frequently stock hauled out of its way to get it to a destination over one company's line of operation. Whether this is used to help get the charges up we cannot say. We know that a common express point, or point between which two or more companies deliver and receive parcels and freight, have cheaper rates per hundred pounds on carrying freight than where one company handles

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AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

Advertising rates are sent upon request.

all the business between two towns or stations both on its own line. This seems to be taking advantage of a monopoly.

What the poultrymen of the country want is a constant hammering into them that the time has come where we cease to submit to the express companies' power both in and out of Congress. We all know that the lawmakers have among them a number of express company members who are vitally interested in seeing that the companies get more than is lawfully coming to them. One of the prominent senators or former senators was president of the United States Express Company, and he would do all he could to keep the parcels post down, as it would lessen the revenue of his company, as well as cut down the annual highway robbery of other companies.

Every poultryman in the country should squander a couple of cents on a stamp to mail a letter of protest to his congressman. This will get what we want. If all the poultrymen of the country will line up for the fight this winter we can at least make a dent in the opposition to a low-rated parcels post and cheaper express rates. Lend a hand and quit sitting back and waiting for the other fellow to make the first move.

Room and the Time For Big Things

The poultry business has positively outgrown the side-line scale of importance. It has during the past few years become one of the recognized branches of animal husbandry. The food markets of the world are placing it side by side with the other branches of the live stock industry. The millions of dollars of invested capital in poultry plants and accessories are so invested because the thousands and thousands who are behind the business are steadily going forward in their work, while countless numbers are going into the work of producing market eggs and table fowls every season. The millions behind the great manufacturing plants

making incubators and supplies essential to the poultryman have not been put into this form of revenue earning on first impulse. They are there as a well-studied investment, the demand for the goods they are producing being constantly enlarging.

The breeder who is working to create better formed and colored fowls, who is laboring from year to year to produce better layers, is more or less directly helping to supply these demands of the market, as he supplies the producer his working material in the shape of better fowls for breeding purposes. The women of the farms of America are growing millions of fowls every year for the market and are producing thousands and even millions of dozens of eggs for the world's consumption, and the task of getting them interested in better fowls for breeding purposes and laying, the better birds giving more pounds of meat for the same amount of care and feed and likewise the layers of better breeding giving greater profits, is one of immense importance.

There seems to be no end to the scale on which standard bred poultry may be bred. This industry is founded on the demand for market fowls. The demand for table fowls will increase as the prices of beef stay high, and the increase in the populations growing over a million a year means that poultry growers will never be able to supply the demand to such an extent that the market will go lower than it should. All these signs point to a still greater growth of the standard bred poultry industry.

Opportunities in the business?

Certainly! They are lying about everywhere. There is a demand right now for big institutions in the West and the central states, where the top quality in show stock and breeding birds is produced. We know of but a single big farm devoted to any of the Plymouth Rock family. We mean a farm that stands out head and shoulders over the industry in these two sections. The Wyandottes are lacking in champions

\$6.41 a year per hen

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who can do the thing on the Owen Farms scale or give any variety of them the time and attention and breeding care that Mr. Kellerstrass has given to the White Orpingtons.

There are opportunities enough, goodness knows. We need more men to take hold of them and make them work out. There is need for a big waterfowl farm and the profits from it are sure. The Leghorns need a few more champions who will put up or gradually build up institutions for their breeding and advancement. The demand of the fanciers for years has been for more good Reds, and the time is ripe now. Good poultry managers can be procured, and the time it will take to begin to reap the benefits of careful breeding will not be long. Men who will put time and money into the business are wanted. The more of them that have the fancier's true incentive the better. Brains mix best with money, not lavishness.

The time is at hand. Good stock can be procured for reasonable figures. Locations are not hard to find. The land need not be of the best farming kind, but can be more or less adapted to fruit growing and be well drained. The rigors of the winters here in the central and western states are gradually becoming less in their severity, and buildings and building material need not be the biggest item of the foundation. We need more brainy men of means who have the inclination to get into the game in a big way. The path has been blazed—let's go ahead.

The Incubator and the Poultryman

It is conceded by all breeders who have been in the business long enough that one cannot get along without a good incubator if he expects to be in winnings at the shows. When the largest farms of the country that are given over to the production of high class show and breeding birds all say that incubators are essential to their success in getting out early chicks in numbers to meet the demand, then it is time for the stubborn fellow who thinks he is getting all the good out of the hatching season with his hen-power incubator to fall into line and become down-to-the-minute in his methods of breeding. Nothing is harder as a task than to get out early chicks with hens to do the incubating. The care of the small broods is more than would be twice the same number of chicks in a brooder. The work of handling the hens would be more than four or five times the task of caring for the incubator, and the latter would work steadily while the hens keep to their nests with more or less certainty—principally less.

It is well known to all who are giving the incubators and brooders a chance to do their share of the hatching task that chicks hatched together and with an incubator grow more evenly and thrive better early in the spring than those given over to the care of the hens. This is one of the things that has made the incubator a standby of the men who go to the shows to win. It takes weight in a majority of the shows to win, other things being equal, and say what you will, the evidence that the breeders are producing year after year in the shape of good birds at the leading shows, especially the early shows, goes to pile up the points in favor of the early hatched incubator chicken.

Every year we note more articles in the farm journals and other papers that have been giving poultry matter, on the ad-



Scene II. Martha! What do you think, I jes saw Mr. Nofztger what breeds those Partridge Rock chickens and he had sold 10 of them chickens fer \$200.00. Yes, I dew mean it! He had them in fine coops good enough fer a canary bird cage and was taking them to the station to send them to Caleforney. You know these dung-hill chickens you raise don't lay many eggs and when you sell any you only get 50c apiece and then have to trade it out. I think we better get that ere American Poultry Journal and learn how tew raise thourabreds same as Nofztger did, then we can get big prices tew, all right. Martha, I'll give Nofztger 50c fer the American fer a year fust time I see him, seeing you say so. Continued in our next.

visability of the farmer's wife using incubators to get out her early broilers so that they would come on the market at a time when the prices were best. And having the incubator, one also is easily at the work of getting out early hatched pullets to lay during the coming winter and fall. The cockerels can be turned off on the broiler market and the pullets saved for the laying flocks.

The standard makes of incubators of today do not require the amount of time and attention that some non-users seem to think they would. The present day incubator is absolutely self-regulating and ventilating, and the few instructions that are sent with it by the manufacturers are simple and require nothing more to operate them. The incubator and the brooder have had much to do with the advancement of the industry the world over. They have been the means of making certain the numbers and quality of the early hatched chick, and in the poultry business as in other lines, the early bird gets the bug.

The "International" Show

The Crystal Palace show is over. The greatest event of the show season in England is generally this exhibition. It was so this year. The finest feature of this year's event was the line-up of Orpingtons, so our English contemporaries tell us. Wilfred H. G.*Ewart, one of the most widely read critics of Great Britain, says that the striking advancement of the entire Orpington entry was made among the Whites. They were way ahead of anything that has been shown so far this year in that country as regards their improved type and color.

There is no getting about the fact that the Whites are going ahead. The variety in America is on the upward go and we may look forward to better birds every year. Its great practical value and its hardihood and beauty

make it friends everywhere it becomes known. The type we are being shown by the leading breeders this winter is better than what we have seen, right here at home.

Black Orpingtons have the advantage in England of having a very influential club behind them, and consequently they were out in great numbers after the many cups and specials offered. Buffs were again in strong evidence. These cannot be made to take back seats by their sister varieties and have come to stay and sort of father it over the later varieties.

Barred Rocks and Buffs were out in numbers, and some more than the average interest is being manifested in Barreds, for the reason that a \$250 male recently changed hands at this figure over there and continues to win first wherever he is exhibited. Our cousins like a Barred bird a bit too open in color to suit us and we honestly feel that if once the American Plymouth Rock Club would send a string of our type of Rocks over there, they would "catch on," as the English say, at once.

Australian Layers Going On

Poultry is about the only journal that is keeping track here in America of the Australian laying competitions. In the last issue we find the report of the first half of the eighth annual contest. These contests that we have mentioned from time to time in these columns have been under the supervision of the government poultry experts and no favorites have been played in operating them. One pen of Black Orpingtons have been in test under this supervision for eighteen months and the six hens have laid 1,840 eggs for eighteen months. The six White Leghorns have a record for the same length of time of 1,723 eggs. In the new twelve months' competition, the first half of which has

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POULTRY NETTING
1 FT. WIDE TO 4 FT. WIDE

Our netting is of steel wire, galvanized after weaving; is of uniform mesh and double selvage; will roll out flat and straight; does not sag when up; is the best and finest on the market. Sold in full bales of 150 ft. only. Prices 73 cts. and up. The 3 ft. wide 2 in. mesh is \$2.14 per bale. See catalogue for low prices on poultry netting, fencing, etc.

Save Money on all Poultry Supplies

We have been headquarters for money saving for thirty-seven years. We buy in car lots from the makers and sell direct to users, thus saving you all intermediate profits. Our goods are all standard makes and honest grades, and are fully guaranteed to suit you in every way or we will refund your money on return of the goods.

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64¢ 2 PLY PER ROLL OF 108 FEET

G 262—Made from selected long fibre wool felt, saturated with waterproof composition. A solid, flexible fabric. Good for roofs and sides of hen houses, and many other buildings. Caps, nails and cement are extra. See catalogue for prices of all kinds of roofing and other building materials, as well as of everything you eat, use and wear, at lowest prices.

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NOTICE: We have stores in Chicago and Kansas City. If you live west or southwest of Kansas City write for our special Kansas City catalogue and order from our store in that city, from which point only you will pay freight. All others will send to our Chicago house and pay freight from Chicago. With any goods you order, ask us to send you a large, new catalogue No. 78 and we will help you save some money. Send for the free Catalogue, anyway.

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Buff Rocks

I am entirely sold out of stock, but will have a limited number of eggs to spare this spring from my prize-winners. WM. TYLER, Rte 2, Box A, Bowling Green, O.

Look at These Prices for Poultry Printing

1000 Fine white envelopes, Letter Heads, Cards, Shipping Tags, Bill Heads, Statements, etc. 500 for 75c; 250 for 55c. All kinds of printing equally low. Fine line of cuts to select from. Cat. cuts, samples free. West Park Printing Co., McKees Rocks, Pa.



48 Breeds Fine pure bred chickens, ducks, geese and turkeys. Northern raised; hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 16th Annual Poultry Book. R. F. Neubert, Box 844, Mankato, Minn.



THE HEART

of your incubator and brooder is the lamp. A Zero Safety Lamp will insure you results. Gives an intense and steady heat. Built on the only correct principle. Absolutely no danger of explosion. 9 1/4 in. high. Can be used in nearly every incubator and brooder. Price \$1 or by mail \$1.25. Send for catalogue of sanitary supplies. **Atsatt Bros.**, 27 Pearl Street, Mattapoisett, Mass.

White Wyandottes

OF QUALITY

At Princeton, Illinois, on six entries I won 1st cock, 1st and 3d hen, 3d cockerel, 3d and 4th pullet, 1st pen; at Kewanee, 1st and 3d cock, 1st and 3d hen, 1st pullet, 3d cockerel, 1st pen and special for best Wyandotte in show. 40 choice cockerels for sale at \$2 to \$5 each. Eggs from birds securing 92% to 95%, \$3 and \$5 per 15. Satisfaction guaranteed.

H. L. Logue :: Neponset, Illinois

Buff Leghorns

Produce the winners. They have won the best prizes for years past. Lamons' old strain pure. Choice show and breeding birds for sale. Write for prices.

Philip Hanlon, Jr. Watertown, New York

White Rocks

And R. C. White Leghorns

bred for size, shape and color. A few good utility White Rock pullets that will do you good at \$1.50 each for the next 30 days. Orders for eggs from our well selected matings booked now.

E. H. Reichert :: VirAen, Illinois

Buff Wyandottes

Best in Ohio. On six entries at Cleveland I won 1st pen, 2d cockerel, 4th cock, 4th pullet and silver challenge cup for best display. Some choice young stock for the Fall and Winter shows. Write today for prices and particulars. Eggs from some extra good matings.

T. K. Martin :: Chicago, Huron County, Ohio

Afton Farm

Yardley, Penna.

For Utility Stock

WELLS' STRAIN OF

R. C. R. I. Reds

A strain of large, healthy, vigorous birds bred for rich color and proper shape. Winners for three years at the Grand Rapids show and West Michigan State Fair. Four firsts at the recent fair. Exhibition stock for sale. Satisfaction guaranteed. Write for prices.

DR. E. W. WELLS
576 Butterworth Avenue :: Grand Rapids, Michigan

been finished, there are sixty pens of six hens each, from as many different flocks. Silver Wyandottes are at the lead, with 724 eggs to the credit of the six hens. Four pens of White Leghorns follow these, with records of 677 on down to 652. Two pens of Black Orpingtons are after them, with 652 and 635 eggs each to their credit. It is a matter worthy of note that the hens at the bottom of the list for the first six months were bred and are entered by the man who won first with Silver Wyandottes two years in succession earlier in the history of the government contests. The why of this we probably will never learn. It stands to reason that if Mr. Howell, who won two contests with his heavy laying Silvers, was successful enough to produce two winning pens he certainly thought that those he entered the third time would do to win or he would not have endangered his reputation.

Do You Agree?

There are in all businesses some failures among those who go into them with little experience and no knowledge of what it takes to make the successful stand. This is just as true of poultry growing as it is of anything. Those who make the most out of the business generally start in with small beginnings and expand as they learn to use what they find to be the essentials. A few hundred dollars invested in suitable buildings and breeding fowls should be enough to start any one who thinks the qualities of a poultryman are fused within him.

Capital is, of course, required, but how to expend that capital is what the knowledge is needed for. In the laying out of large poultry farms it is possible to get the advice and experience of others and thus go ahead in faster manner than were one to depend on himself and grow with the business. The failures in the poultry business are generally due to a lack of attention to the little things. It is a business made up of details and one that will fail if they are overlooked. There is no heavy manual labor about the poultry farm after the buildings are up and the fencing made, but nevertheless what details that must be attended at the right time all take energy and make one feel the sweet rest at the end of the day's work. Returns are quick and if the brains have been abundantly mixed with the capital the profits will be forthcoming in splendid manner.

Help the Buyer

We are slowly but surely coming together in our ideas of what makes up quality in the various fowls we make our hobbies. A few years ago there was much more difference of judging opinion than there is today, and we hope that the continual diminishing of differences will go on. The fancy is thus getting on to more solid ground. We recently saw the correspondence of a breeder who lives in the north and who had shipped a few exhibition and breeding Barred Rocks to an extremely southern state. The buyer was well pleased, and we know that what he got were down-to-date Rocks in every way. His one suggestion was that the exhibition cockerel was a bit too dark to suit some of the southern judges, but after

he had been assured that this cockerel's would soon be the accepted color in his section of the country he was glad to have had the breeder make the proper selection for him and thus put him at the head of the van. Courtesy in the treatment of customers who are not exactly sure they know what they want always pays, and to tell a man why you as a breeder have sent him certain type and color often pays. Good testimonials are of great value to every man who is in the business and we cannot go out of the regular path of business too far to get them.

English Red Wyandottes

Rhode Island Red breeders will think that their domain is being trespassed by some of our English cousins, who are making a breed or variety to be known as Red Wyandottes. The cover photo of one of the late issues of Feathered Life is of a Red Wyandotte pullet, of which the following is said:

"The originals of this new variety were bred from pedigree palace-winning Wyandottes. The cockerel is fairly dark red on back and wings, a lighter shade on breast and underparts, with golden red neck and saddle hackles, black tail tipped with red, bright yellow legs, yellow beak, bay eye, red lobes and general Wyandotte characteristics. The pullet is a slightly subdued red throughout, except neck, which is golden red, and excellent type. A flock of this color forms a very rich contrast and pleasant picture on a grass run, and hold their color wonderfully well without protection under all conditions."

Red Wyandottes were originated by Mr. Allen Bullock, one of the well-known fanciers of the tight little isle, and are already having quite a little boom. When it comes to new varieties and breeds the English are right to the front and probably will stay there.

Philadelphia in Line

One of the great shows of the East will again be seen at Philadelphia, Pa., January 18 to 22, 1910. Just as soon as Mr. Henry D. Riley landed from his year's vacation abroad the wheels were set in motion, with every assurance that the former efforts of the Penn breeders to hold a general national and state show will be surpassed.

The Philadelphia list of cash and cup specials has always been a feature in the past, and this coming show will be no exception. The breeder will find many flattering inducements again and it is hoped will give this show the aid due it.

The officers are H. D. Riley, president; W. H. Moore, vice-president; C. C. Kempton, treasurer, and Ed Hickman, superintendent.

The judges are M. F. Corey, C. J. Cornman, J. H. Drevenstedt, W. C. Denny, H. P. Schwab, W. J. Stakes, C. E. Petersen, J. J. Ritz, Fred Huyler and Al Ingram.

The entries close January 5, 1910. Address Henry D. Riley, 503 Mint Arcade, Philadelphia, Pa., for premium list and all other information.

H. P. Schwab.

Now is the time to plan on getting that new incubator and brooder. Don't wait till the last moment. Do it now.

Importer and Exhibitor of Standard Game Specialties

Eggs from my imported Standard Games and Game Bantams. \$5 per 15. Quality guaranteed. Eggs from my Ornamental Bantams, Golden and Silver Sebrights, White and Black Rose Combs. White, Black, Buff and Partridge Cochins Bantams, White, Black and Black Tail Japanese and Polish. \$3.00 per 15. Eggs from my prize winning strains of Rocks, Reds, Polish, Leghorns, Brahmans, Hamburgs, Orpingtons, S. C. Black Minorcas and my C. B. Pierce strain of line bred Partridge Cochins. \$3 per 15. All stock from my eggs guaranteed true to name and No. 1 quality. Book orders early. Stamp please. No circulars. R. J. Snyder, Judge, 1170 Cottage Grove Avenue, Grand Rapids, Michigan

HAUPT'S ORPINGTONS

in Single or Rose Comb Buffs, Whites or Blacks are conceded the best. Ten years an Orpington specialist, having won hundreds of prizes, specials, cups, diplomas, etc. Does that stand for anything? Have started more successful Orpington breeders than all others. Winners at New York, Phila., Allentown, Jamestown Expo., Va., Easton, etc. Our latest success at Pa. State Show: 1st pen W. Orps., 1st pen Blk. Orps., 1st S. C. Buff cock, 1st R. C. Buff cock, 1st R. C. Buff hen; 5 possible 1st prizes on 6 entries. For stock, eggs or chicks, write us. We guarantee all our dealings.

FAIRVIEW FARM - J. S. HAUPT - EASTON, PENNA.



Barred Ply. Rocks and Columbian Wyandottes

Barred P. Rocks which are bred from a list of winners at the hottest shows in this part of the country for the past 12 years. We offer for sale both old and young stock, singly, in pairs, trios or pens for pullet or cockerel mating. Books now open for egg orders. : : : : :

Col. Wyandottes which have never been without a place in the show rooms for the past 4 years. We only offer for sale a number of fine shaped, blocky ckls. with good markings. Orders for eggs should be booked early, as we will have only a limited number of Columbian Wyandotte eggs. :

Tannenbaum Farms : : Willoughby, Ohio

IF YOU ARE LOOKING

For exhibition birds that will land the ribbons for you at this Winter's shows, or for good breeders for next year's matings, do not overlook the fact that



First Prize Pullet, Illinois State Fair, 1909

Bickerdike's Pedigreed White Rocks

are unequalled for quality in both fancy and utility. Our birds are trap-nested and bred for egg production with individual records of 240 eggs per year. As for their exhibition quality they

Always Win the Lion's Share of Ribbons

at the largest shows. Our winnings given below proves conclusively that the Bickerdike Pedigreed White Rocks stand in the lead in the show room:

Illinois State Fair, 1907—1st, 2d and 3d cock; 2d and 3d cockerel; 2d and 3d hen; 1st and 3d pullet; 1st and 2d pen.

Missouri State Show, 1908—On five birds entered: 1st cock; 1st hen; 3d and 4th pullet.

Illinois State Show, 1909—On five birds entered: 1st cock; 1st and 2d pullet; 3d hen.

Illinois State Fair, 1909—1st, 2d and 3d cock, 1st, 2d and 3d cockerel; 1st, 2d and 3d hen; 1st, 2d and 3d pullet; 1st and 2d pen.

These winnings were no accident, but **"There's a Reason."** Our birds are **pedigreed** with the trap nest system, and pedigree goes with each bird. Be sure you know what is back of the bird you buy. When you buy Bickerdike's Pedigreed White Rocks, you get individual blood lines that can be had from no other breeder in America. For quality buy pedigreed birds. We have a grand bunch of stock for sale. Before buying your show birds or breeding stock, write your wants to

J. A. Bickerdike Box A Millersville, Illinois

THE CHICAGO SHOW

The Quality Show of the West.

It's all over. The greatest show of the middle West has come and gone. Poultry fanciers from far and near, or in the wider sense of the word, the fanciers of America, for the majority are ranked among the foremost breeders in this country, paid homage to the first annual show of the new association. They came and saw and the unanimous verdict by all was that it was the greatest and best managed show ever staged in this city. In every respect this year's show was so far ahead in everything that a comparison with other shows held in Chicago puts it in a class by itself. That the show would be a success was not doubted for a minute, it simply could not go wrong with such fine management. The praise of one applies to all. Theo. Hewes was everywhere, looking after every detail with a vim that is characteristic of him. We saw our old friend Dick Richards chasing around with a hammer (not a "knocker") fixing up things here and there. In Mr. Dipple, the superintendent, they had the best man for the job. He certainly had his hands full, but not a single kick was registered. The selec-



tion of judges could not have been better. They gave general satisfaction all around and the only real knocking was done in the Rhode Island Red alley, where competition was the keenest seen in years. "Macky" Pierce, ably seconded by A. F. Kummer, was there with the "smile that won't come off" and did fine work. Our friend McCord, who gave such great satisfaction at the Springfield show, added another notch to his already great record, and his work gave fine satisfaction. Little Chas. Keeler delivered the goods in fine style. Geo. Burgott, who came all the way from Lawton Station, N. Y., made a host of friends and his work was highly commended. In every aspect the show of this year will act as a great

advertisement for its promoters, and there is no doubt that the fanciers, with the fine treatment they have received, will come back next year with an increased number of birds, as well as inducing others to show here. All indications point to it that we will have a truly great show next year, a show that will make New York hustle to keep first place.

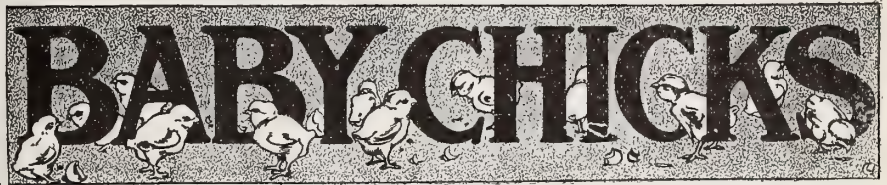
Not only was the show a success from a fanciers' standpoint, the financial end of it was far better than expected. In spite of the inclement weather, the show was well patronized, the absence of complimentary tickets brought a class of people to the hall that were really interested in poultry and were buyers, and this is what we want. Many fine sales were made, prizes were promptly paid and everybody was happy and when the doors closed on the best show ever held in Chicago, breeders from thirty-two states in America vowed to meet again in Chicago a year hence.

In Barred Plymouth Rocks there were 121 birds in single class, and the quality could not be better. First and second cock birds, exhibited by Edgar Simpson, Naperville, Ill., were certainly typical of the breed and were easy



PARTIAL VIEW OF INTERIOR OF COLISEUM, WHERE THE GREAT CHICAGO SHOW WAS HELD.

LAKEWOOD FARMS



Ready for Delivery—Write Today

THE breed that develop into profit makers. Hard working, sturdy, hardy chicks, that grow up into the strong and valuable profitable egg producers.

Lakewood Farms Dual Purpose Chickens are the kind of chickens that are at work for you all the time—"in overalls with their sleeves rolled up." They are blue ribbon winners when it comes to being ornamental, but they are the highest prize winners in their competition for egg laying and meat producing.

When you order a flock of baby chicks from Lakewood Farms, you get a guarantee with them that every one will reach you in healthy condition. Give them ordinary intelligent care they will develop into the most profitable chicken investment you ever saw or heard of—easy to raise and the most profitable fowl there is.

Beside the profit you can make after we send you Dual Purpose Leghorn chicks of the Lakewood Farms original breed, we also give you the opportunity of owning stock in the greatest chicken farm in the world.

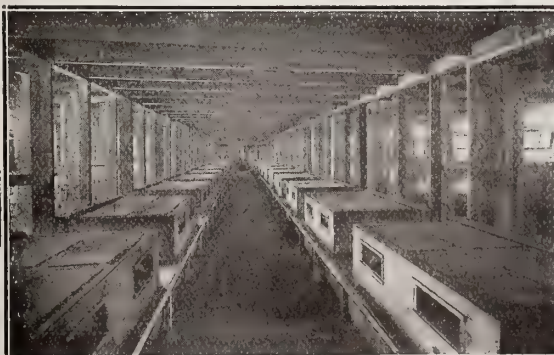
We also issue a valuable and complete catalogue of information about the various supplies, health foods and other remedies for the poultry raiser and dog fancier. Write for it; it is free.

Another book you can have for the asking is "The Hen of Destiny" a mighty practical and interesting talk which every poultryer should have.

LAKEWOOD FARMS PRODUCTS COMPANY

517 West 23d Street

New York City



Farms at
Lakewood and
Eatontown, N. J.

This shows a main aisle in our incubator room, showing incubators with a capacity for hatching 3,000 baby chicks. In this one particular house there are three aisles similar to this one
Capacity—10,000 Baby Chicks.

winners, as was first hen, owned by same party. This class was so warm that many fine specimens did not get a place.

White Plymouth Rocks were well represented by some of the best birds in the country. The first prize cock, owned by Preston B. Condit, Indianapolis, Ind., was one of the best birds exhibited in Chicago in recent years and rightly deserved the blue. The first hen, owned by same breeder, was certainly deserving of the place she got. The first cockerel, owned by H. W. Halbach, Waterford, Wis., was typical of the stock produced by this breeder and was an easy winner. There was quality to burn in this class throughout.

Columbian Plymouth Rocks.—Thirty-seven in all were on exhibition—undoubtedly the largest and best showing of this breed yet made at any show. Mr. F. M. Clemans, Mechanicsburg, Ohio, vice president of American Columbian Plymouth Rock Club, showed twenty-one birds that were a revelation in true Rock type and real Light Brahma color. One great trouble has been to get this bird away from any correspondence to the Columbian 'Dotte type. Mr. Clemans, in establishing his strain, drew heavily on Light Brahma and P. Rock blood, and the results are surely in evidence in the size, bone and shape of the birds he shows. Mr. Clemans carried off the leading prizes, winning first and second on cock, cockerel, hen, pullet and first breeding pen. Also silver cup for best display. Mrs. Judy's showing of Columbians was also highly creditable, she winning second on breeding pen. This bird is a sure winner and will be heard from with emphasis at future big shows.

Partridge Plymouth Rocks were represented by eighteen in the single class, and the originator, S. A. Nofztger, Manchester, Ind., captured the cream of the prizes. Mr. Nofztger is to be congratulated on his success in producing birds of the quality shown here. He has certainly got them near perfection.

Silver Wyandottes, the old standbys, were well represented by birds of the highest quality. The first cock, owned by Clare E. Hoffman, Allegan, Mich., showed what could be done with this variety by careful breeding. A. & E.

Tarbox, Yorkville, Ill., showed a good string and won a number of the blues.

Golden Wyandottes was a strong class, and J. H. McDanell, Warsaw, Ky., showed some exceptionally fine specimens, winning first cock and several other prizes. J. S. Pennington, Plainfield, Ill., also showed some very fine specimens, good enough to get in the money. Simmons Bros., Stockton, Ill., captured first pullet on a bird that in our estimation was the best of this variety ever exhibited in the West.

White Wyandottes. Here again was quality of the highest order and all sections of the country were represented: J. W. Andrews, Brighton,



One of Ed Chambers' prize winning Buff Orpingtons. Bred and owned by Ed Chambers, Aurora, Ind.

Mass., sent some of his choicest birds and made a very creditable winning. J. H. Jackson, Hudson, Mass., showed a fine pen, on which he was awarded fifth.

In Buff Wyandottes, Simon Beuth, German Valley, Ill., as usual, captured the cream of the prizes. This was a strong class.

Partridge Wyandottes were out in force and the quality was superb.

Columbian Wyandottes were shown forty-one strong in the single class. The string shown by Walter G. Fenton, Mt. Clemens, Mich., was probably the

strongest string of this variety ever exhibited in this country by any one exhibitor, which resulted in him winning every first but one.

S. C. Rhode Island Reds was the largest class in the show, and the battle for honors was something fierce. Lester Tompkins, Concord, N. H., was a large winner. Ira M. Crowther, Willoughby, Ohio, also showed some fine specimens, which, had they been a little further along, would no doubt have won the blue.

The R. C. Reds were also out in goodly numbers, and it was a battle royal between Buschman, Sibley, Tompkins and Tuttle.

In Light Brahmas the River Home Poultry Yards, Perrysburg, Ohio, came out to win and they captured everything in sight.

Black Langshans was a good class and of good quality. R. A. Hewes, Crete, Ill., and Jesse T. Bateman, Waverly, Ill., showed many choice specimens and took home many prizes.

In S. C. White Leghorns, N. P. Easling, Pekin, Ill., came very near capturing every prize. His string was certainly grand and he deserved all he got. Huber Bros., Kenosha, Wis., also made a good winning.

S. C. Brown Leghorns were out in full force, there being ninety-seven in single class. W. H. Wiebke captured first and second cock and first and fifth cockerel on birds that were certainly up to standard requirements. Mr. Wiebke has gotten into the habit of capturing prizes and simply can't help but win when he exhibits his stock. He breeds that kind.

S. C. Buff Leghorns. Talk about buff; here is where it was strong, and F. A. Tecktonius, Racine, Wis., was there with the goods. This variety is rapidly forging to the front again at the big shows and will continue to do so as long as it has such men as Tecktonius behind it. The same can be said about the Rose Combs of this variety.

In the S. C. Black Minorca alley Chas. G. Pape, Ft. Wayne, Ind., and A. Didricksen, Whitewater, Wis., were the chief contenders for prizes. They came out with honors about even.

The class of Rose Comb White Minorcas was well represented with birds of good quality, and the important winner was J. J. Hurlbert, of Morri-

ORPINGTONS

Buff, Black and White

If stock ordered is not satisfactory, advise me promptly and tell me why, and I will replace it or refund your money. I am not in the business for pecuniary gain only.

Your order is solicited in view of these liberal assurances. Bear this in mind for your present or future requirements. To avoid inconvenience and delay, be sure and specify the quality desired. My catalog and Fall sale list is free. I won more prizes on Orpingtons at 1908 Chicago shows than any other exhibitor. There's a reason. Start right and you'll succeed.

C. S. Byers : Orpington Specialist 11 Years : Hazelrigg, Ind.

ALL the world is waiting for the fellow who delivers the goods. Now, I have the stock. I know that no breeder in the States can and will give you more value for your money than I can and will give you at this time. My complete stock of carefully line bred birds, including hundreds of exhibition specimens, means something, and an enviable show record awaits the early purchaser of this show stock, which I will condition for your show if desired. Your better interests will be guarded, not forgotten the moment your money is received if sent this way. At \$5, \$7.50 and \$10 each I will sell you as good birds as any breeder, large or small, can possibly supply at these prices. More money will get you exhibition stock that will win in the keenest competition. I want your order, and when I get it the treatment accorded you will merit a continuance of your valued patronage.



THOROUGHbred STOCK FREE

We are giving as premiums Standard bred fowls, consisting of cockerels, pairs, trios and pens. We do this to introduce the best 25c poultry journal published. A few hours' work is all that is required. Particulars free. Please mention American Poultry Journal when writing.

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Entirely New System of Heating and Turning : : : the Eggs : : :

which is along the lines of and in accordance to Nature's Laws which control the earth, all things revolve in a circle, hence we revolve the eggs in our World's Famous Incubator in a circle without jarring them or touching them with the hands. All eggs are turned in one operation.

The Reason Why Chicks Die in the Shell Discovered at Last

which is the unnatural method of turning them, which causes a knot to be tied or at least a twist to form in the cord which attaches the embryo to the yolk of the egg and from which it must derive its nourishment after the 18th day. This twist or knot prevents it receiving this nourishment, and death is the result.

With our method of turning the eggs in a gentle, natural manner, we prevent this; hence there are *no chicks dead in the shell in the World's Famous*,

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Have winning ways. And as usual did the best winning. At Central Missouri show, November, 1909, won 1st and 2d cock; 2d, 3d and 5th cockerel; 1st, 2d, 3d, 4th and 5th hen; 1st, 2d, 3d and 5th pullet; 1st, 3d and 5th pen. With 26 birds I won 69 points, (competitor with 23 birds won 33½ points). My birds won honors of largest and best display, any and all varieties, also largest and best display one variety. At Missouri State show, December, 1909, with 282 Buff Rocks competing, I won 1st pen (16 pens competing), 4th pullet, club special for best shaped female, (125 competing), silver cup for best pen. 100 birds yet for sale at living prices.

W. S. ROBISON

State Vice-President Buff Rock Club
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Teddy V, Our Second Prize Cockerel at Chicago, 1908

Standard Rock Farm
Truckenbrod Bros, Mendota, Illinois

son, Ill. He won first, second and third cock; first and third hen; second cockerel; first, second and third pullet. In Single Comb White Minorcas Mr. Hurlbert won first cockerel, third and fourth pullet. The birds shown by Mr. Hurlbert were fine specimens of the variety, much admired by all who saw them.

The different varieties of Orpingtons were out in force and the prizes were well distributed. No one breeder having a walk-away.

The waterfowls were not out in very large numbers, but what was lacking in numbers was made up in quality.

Following is a list of exhibitors and awards:

EXHIBITORS.

Barred Plymouth Rocks.

Adams, Chas. E. Elma Center, N. Y.
Black Point Poultry Yards Zenda, Wis.
Brown, Edward Mendota, Ill.
Black, W. F. Walnut, Ill.
Brubaker, M. C. Benson, Ill.
Barnett, H. W. Springfield, O.
Bie, Geo. H. Racine, Wis.
Covett's Barred Rock Farm Willoughby, O.
Ford, Orr W. Warsaw, Ind.
French, J. T. Toledo, O.
Greenwood, G. E. Lake Mills, Wis.
Hartman Stock Farm Poultry Yards Columbus, O.
Irwin, Arthur Lake City, Minn.
Jacobs, Levi X. Van Wert, O.
Keim & Niles Bethany, Ill.
Palmer, D. F., & Son Yorkville, Ill.
Pullin Bros. Rensselaer, Ind.
River Home Poultry Yards Perrysburg, O.
Roberts, E. G. Ft. Atkinson, Wis.
Simpson, Edgar G. Naperville, Ill.
Skinner, Francis A. Fairbury, Ill.
Truckenbrod Bros. Mendota, Ill.
Teepie, U. S. Belvidere, Ill.
Whitworth Barred Rock Farm Woodstock, Ill.
Walker, G. A. Polo, Ill.
Yant, John W. Canton, O.
Zumbrum, Fred Utica, N. Y.

Light Brahmas.

River Home Poultry Yards Perrysburg, O.
Buff Cochins.

Dietze, Gust. Irving Park, Ill.

Dark Brahmas.

Gay, C. Donald Camp Point, Ill.
Lott, Dr. S. Bellona, N. Y.

Partridge Cochins.

Yates, Dr. Will St. Hune, Ill.

White Plymouth Rocks.

Condit, Preston B. Indianapolis, Ind.
Given, J. S. Lexington, Miss.
Goetz, Wm. J. H. Detroit, Mich.
Halbach, H. W. Watford, Wis.
Halwood, John G. Sheboygan, Wis.
Jones, W. E. Williamsville, Ill.
Lynch, John Henry Edwardsville, Ill.
McCaffrey, W. J. Newport, Vt.
Springwood Poultry Farm Naperville, Ill.
Severe, A. D. Downs, Ia.
Trough, J. H. Delphi, Ind.
Witten, T. N. Trenton, Mo.

Black Langshans.

Allen, Thaddeus E. Chicago, Ill.
Barker, M. S. Thorntown, Ind.
Bateman, Jesse T. Waverly, Ill.
Crager, C. F. Tiffin, O.
Daly, Margaret C. Anamosa, Ia.
Hewes, R. A. Crete, Ill.
Johnson, Theo. Oregon, Ill.
Lee, C. G. Walworth, N. Y.
Mainlow, E. D. Cedar Rapids, Ia.

White Langshans.

Allen, Thaddeus E. Chicago, Ill.

Buff Plymouth Rocks.

Bonner, W. A. Casnovia, Mich.
Brown, Albert A. Peoria, Ill.
Blair, J. Gaylord Carlisle, Ky.
Barnes, C. H. Kalamazoo, Mich.
Counter, Dr. J. A. Sylva, O.
Jungles, P. C. Lemont, Ill.
Johnson, Will Ft. Wayne, Ind.
Lightewalter, E. H. Girard, Pa.
Lantz, E. H. Trimble, O.
Lewis, Dr. LeRoy Ann Arbor, Mich.
Lapham, S. D. Dearborn, Mich.
Mange, D. G. Lowell, Mich.
Ricketts, F. H. Coshocton, O.
Sando, R. B. Potsdam, O.
Seely, F. M. Lansing, Mich.
Stolts, Wm. A. Indianapolis, Ind.
Success Poultry Yards Chatfield, Minn.
Windle, C. O. Lents, Ore.
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Potter, Geo. A.....Ft. Atkinson, Wis.

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Judy, Mrs. R. A.....Decatur, Ill.

Houdans.

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Helzer, John T.....Columbus, O.
Taylor, Dr. Geo. W.....Orleans, Ind.

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Hoffman, Clare E.....Allegan, Mich.
Miller, Jacob.....Wathena, Kas.
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Schroder, C. F.....St. Peter, Ill.

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Drorak, Mrs. B.....Prague, Neb.
Gamber, Robert.....Wakeman, O.
McDaniel, J. H.....Warsaw, Ky.
Pennington, J. S.....Plainfield, Ill.
Pugh, Henry.....West Liberty, Ia.
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Goodes & Palmer.....Marcellus, Mich.
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Metcalf, Merrill B.....Greenfield, Ill.
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Stevenson, Chas. W.....Coldwater, Mich.
Taylor, Geo. W.....Orleans, Ind.
Willard, John O.....Linden, Mich.

Single Comb Black Orpingtons.

Bonner, W. A.....Casnovia, Mich.
Byers, C. S.....Hazelrigg, Ind.
Craig & Mapes.....Lebanon, Pa.
Cochrane, John, & Son.....Coldwater, Mich.
Greenwood, G. E.....Lake Mills, Wis.
Huber, Wm.....Hinsdale, Ill.
Haupt, J. S.....Easton, Pa.
Morton, Jay.....Lake Forest, Ill.
McDonald, John.....Scranton, Pa.
Taylor, Geo. W.....Orleans, Ind.
Wall, Ernest F.....Erie, Pa.

Rose Comb Buff Orpingtons.

Haupt, J. S.....Easton, Pa.

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Haupt, J. S.....Easton, Pa.

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Dickson, J. H.....Iowa Falls, Ia.
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Gimlin, Elmer.....Taylorsville, Ill.
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Schrock, M. C.....Knox, Ind.
Wagner, A. C.....Tiffin, O.

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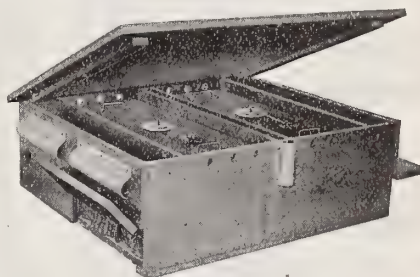
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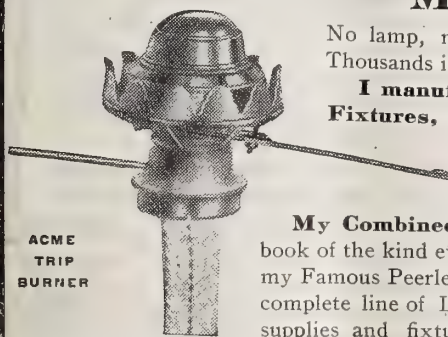
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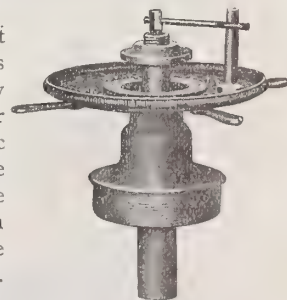
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Steiner, B. F. Columbia City, Ind.

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Fern, W. L. Elgin, Ill.
Gerber, G. J. Dalton, O.
Huber Bros. Kenosha, Wis.
Hunscher, E. Milwaukee, Wis.
Halwood, John G. Sheboygan, Wis.
Hartman Stock Farm Poultry Yards, O.
Pfouts, P. R. Columbus, O.
Rogers, Frank O. Bucyrus, O.
Reynolds, E. M. Elgin, Ill.
Wendel Egg & Breeding Farm. Cedar Rapids, Ia.

Wilmette Farm. Hinsdale, Ill.
Williams, Mrs. W. Jones. Glenview, Ill.
Maywood, Ill.

Thoroughbred Games.

Clark, Dr. H. P. Indianapolis, Ind.
Cornish Indian Games.
Thomas, C. E. Woodstock, Ill.

Rose Comb White Leghorns.

Augustin, P. Orland, Ill.
Brogden, Thos. L. Rush Lake, Wis.
Hewes, Clarence. Indianapolis, Ind.
Iversen, U. W. Milwaukee, Wis.

Single Comb Brown Leghorns.

Boners, W. R. Baltimore, Md.
Beasley, R. J. Peoria, Ill.
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Lovell, Frank J. Danville, Ill.
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Roberts, E. G. Ft. Atkinson, Wis.
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Schlang, Frank. Route 2, Erie, Pa.
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Newell, F. White Water, Wis.
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Rogers, H. E. LaCrosse, Wis.
Yoder, Albert. Munhall, Pa.

Single Comb Buff Leghorns.

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Bean, W. M. Anoka, Minn.
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Demlow, Geo. Elgin, Ill.
Ewald, Wm. Medina, N. Y.
Hurt, Peter S. Thorntown, Ind.
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Black Cochin Bantams.

Boners, W. R. Baltimore, Md.
McKinney, R. A. Indianapolis, Ind.

Rose Comb White Bantams.

Phillips, F. Lewis. Glenview, Ill.

Rose Comb Black Bantams.

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..... 2353 S. Lawndale, Chicago
Pendroy, Guy. Chicago, Ill.
Tecktonius, Fred. Racine, Wis.

Single Comb Mottled Anconas.

Blencoe, Dr. Guy. Alma Center, Wis.

Rose Comb Mottled Anconas.

Blencoe, Dr. Guy. Alma Center, Wis.

Single Comb Black Leghorns.

Hewes, Mrs. A. S. New Berlin, N. Y.

Single Comb Black Minorcas.

Black Point Poultry Yards. Zenda, Wis.
Dedrickson, A. Whitewater, Wis.
Hartman, August A. Maywood, Ill.
Kaye, A. P. Walworth, Wis.
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Meiselbach, Ed. H. Melrose Park, Ill.
Mohr, Ed., Jr. Chicago, Ill.
Pape, Chas. G. Ft. Wayne, Ind.
Rieger, R. H. 4442 N. 44th Ct., Chicago, Ill.

Single Comb White Minorcas.

Black Point Poultry Yards. Zenda, Wis.
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Harmon, A. T. Orleans, Ind.

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Dedrickson, A. Whitewater, Wis.
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Jordan & Muschel. Jefferson, Wis.
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Kakuska, Frank. Chicago, Ill.
Royal Polish Poultry Yards. Ashland, Wis.

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Kakuska, Frank. Chicago, Ill.
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Plain White Polish.

Kakuska, Frank. Chicago, Ill.

Golden Bearded Polish.

Royal Polish Poultry Yards. Ashland, Wis.

Rose Comb White Minorcas.

Adair, Chas. E. Elma Center, N. Y.
Hurlbert, J. J. Morrison, Ill.
Meiselbach, Mrs. Harry C. Melrose Park, Ill.
Wenk, B. Washington, Ill.

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Simmons, W. B. Burlington, Wis.

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Barred Plymouth Rocks—121 in Single Class.

Cocks—Edgar G. Simpson, 1st, 2nd, River Home Poultry Yards, 3d; D. F. Palmer & Son, 4th; Truckenbrod Bros., 5th.
Hens—Edgar G. Simpson, 1st, 3d; Covert's Barred Rock Farm, 2d; D. F. Palmer & Son, 4th; Truckenbrod Bros., 5th.
Cockerels—Palmer & Son, 1st, 4th; Keim & Niles, 2d; Covert, 3d; Simpson, 5th.
Pullets—G. E. Greenwood, 1st; John W. Yant, 2d, 5th; Covert, 3d; Black Point Poultry Yards, 4th.

Pens—Palmer, 1st; Covert, 2d; Simpson, 3d; Truckenbrod Bros., 4th; Yant, 5th.
Mated for Cockerels—Palmer, 1st; Keim & Niles, 2d; Whitworth Barred Rock Farm, 3d; Pullin Bros., 5th.
Mated for Pullets—Keim & Niles, 1st; Palmer, 2d; Geo. H. Bie, 3d.

White Plymouth Rocks—45 in Single Class.

Cocks—Preston B. Condit, 1st; J. S. Gwin, 2d; H. W. Halbach, 3d, 5th; J. H. Trobaugh, 4th.
Hens—Condit, 1st, 4th; Halbach, 2d, 5th; Trobaugh, 3d.

Cockerels—Halbach, 1st; Condit, 2d; W. E. Jones, 3d; A. D. Severe, 4th; T. N. Witter, 5th.

Pullets—Jones, 1st; Condit, 2d; Severe, 3d; Halbach, 4th, 5th.

Pens—Halbach, 1st; Condit, 2d; Jones, 3d; Witter, 4th.

Buff Plymouth Rocks—111 in Single Class.

Cocks—F. H. Ricketts, 1st, 2d; Fay M.

Seeley, 3d; S. D. Lapham, 4th; E. H. Lightewalter, 5th.

Hens—A. L. Weckler, 1st; R. B. Sando, 2d; P. C. Jungles, 3d; Lightewalter, 4th; Dr. LeRoy, 5th.

Cockerels—Lightewalter, 1st; W. A. Bonner, 2d; C. H. Barnes, 3d; Weckler, 4th; C. E. Windle, 5th.

Pullets—Lightewalter, 1st; Jungles, 2d; John L. Waddell, 3d; Sando, 4th; G. D. Mange, 5th.

Pens—Barnes, 1st; Waddell, 2d; Wm. B. Stolls, 3d; Weckler, 4th.

Columbian Plymouth Rocks—16 in Single Class.

F. M. Clemens—1st, 2d, 3d cocks; 1st, 2d, 3d, 4th on hens, cockerels and pullets.
Pens—Clemens, 1st; Mrs. R. A. Judy, 2d, 3d.

Partridge Plymouth Rocks—18 in Single Class.

Cocks—S. A. Nofztger, 1st, 2d, 4th; James Lamkin, 3d, 5th.

Hens—Nofztger, 1st, 2d, 3d; Lamkin, 4th.
Cockerel and pullets—Nofztger, 1st, 2d, 3d, 4th.

Pen—Nofztger, 1st.

Silver Wyandottes—41 in Single Class.

Cocks—Clare E. Hoffman, 1st; A. & E. Tarbox, 2d, 3d, 4th, 5th.

Hens—Tarbox, 1st, 2d, 4th, 5th; Jacob Miller, 5th.

Cockerels—Tarbox, 1st, 2d, 4th, 5th; Hoffman, 3d.

Pullets—Tarbox, 1st, 2d, 3d; Hoffman, 4th; Miller, 5th.

Pens—Tarbox, 1st, 2d; W. H. Doran, 3d; C. F. Schroder, 4th; Miller, 5th.

Golden Wyandottes—61 in Single Class.

Cocks—J. H. McDaniel, 1st; Robert Gamber, 2d; C. H. Dillon, 3d, 4th; J. S. Pennington, 5th.

Hens—Newton Newsbaum, 1st, 4th; McDaniel, 2d; Dillon, 3d, 5th.

Cockerels—Dillon, 1st; McDaniel, 2d, 5th; Gamber, 3d; Pennington, 4th.

Pullets—Simmons Bros., 1st, 5th; McDaniel, 2d; Pennington, 3d; Gamber, 4th.
Pens—Dillon, 2d.

White Wyandottes—120 in Single Class.

Cocks—M. F. Morris, 1st; Gala Poultry Plant, 2d; Harry L. Shults, 3d; Ralph E. Bettles, 4th; T. T. Todd & Son, 5th.

Hens—H. J. Smith, 1st, 2d; Shults, 3d; Gala Poultry Plant, 4th, 5th.

Cockerels—Howard S. Lytle, 1st; J. W. Andrews, 2d, 4th; W. E. Fowler, 3d; Wm. A. Peterson, 5th.

Pullets—George F. Schmidt, 1st; Morris, 2d; Andrews, 3d, 4th; Peterson, 5th.

Pens—Morris, 1st; Gala Poultry Plant, 2d; Lytle, 3d; I. M. Armstrong, 4th; J. H. Jackson, 5th.

Buff Wyandottes—48 in Single Class.

Cocks—Simon Beuth, 1st, 2d; C. E. Coe, 5th.

Hens—Beuth, 2d, 3d; Stuart A. Howland, 4th; Hartman Stock Farm, 5th.

Cockerels—C. A. Balcom, 2d; Beuth, 4th, 5th.

Pullets—Beuth, 2d; Balcom, 3d.

Partridge Wyandottes—61 in Single Class.

Cocks—W. A. Doolittle, 1st, 2d; Dr. C. M. Baskerville, 3d; Wm. Erfurth, 4th; C. E. George, 5th.

Hens—Erfurth, 1st; George, 2d; Baskerville, 3d; August Bloese, 4th; Doolittle, 5th.

Cockerels—Doolittle, 1st; George, 2d, 4th, 5th; Bloese, 3d.

Pullets—Hartman Stock Farm, 1st; George, 2d, 4th; Doolittle, 3d; Baskerville, 5th.

Pens—Melvin H. Coffin, 1st; George, 2d; Doolittle, 3d; Hartman, 4th; Martin Foley, 5th.

Columbian Wyandottes—41 in Single Class.

Cocks—Dr. H. M. Jordan, 1st, 2d; Walter G. Fenton, 3d; Don R. Doolittle, 4th, 5th.

Hens—Fenton, 1st, 3d, 5th; C. H. Dillon, 2d; Jordan, 4th.

Cockerels—Fenton, 1st, 3d, 4th, 5th.

Pullets—Fenton, 1st, 4th; Doolittle, 2d, 5th.

Pens—Fenton, 1st.

S. C. Rhode Island Reds—178 in Single Class.

Cocks—Lester Tompkins, 1st, 4th; Ira M. Crowther, 2d; J. J. Blake, 3d; Ellenwood Poultry Farm, 5th.

Hens—Tompkins, 1st, 3d, 5th; Ellenwood, 2d; C. L. Baker, 4th.

Cockerels—Tompkins, 1st, 2d; Ellenwood, 3d; Crowthers, 4th; George Van Dewee, 5th.

Pullets—Tompkins, 1st, 2d; T. J. Rountree, 3d; A. Elagie, 4th; Ellenwood, 5th.

Pens—Tompkins, 1st; Mrs. Frank G. Davis, 2d; Ellenwood, 3d; Crowthers, 4th; Chris Dahlgard, 5th.

Rose Comb Rhode Island Reds—155 in Single Class.

Cocks—C. L. Buschman, 1st; Irving A. and Frank C. Sibley, 2d, 5th; Tompkins, 3d; A. W. Blanchard, 4th.

Hens—R. C. Tuttle, 1st, 3d; Buschman, 2d; Tompkins, 4th; F. L. Ober, 5th.

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Pullets—Ellenwood, 1st; Tuttle, 2d; Myron B. Seward, 3d; Buschman, 4th; Tompkins, 5th.

Pens—Tuttle, 1st; Tompkins, 2d; Buschman, 3d; Robt. H. Airey, 4th; Ellenwood, 5th.

Light Brahmas—20 in Single Class.

River Home Poultry Yards, 1st, 2d, 3d, 4th and 5th on cock, hen, cockerel and pullet and 1st pen.

Dark Brahmas—7 in Single Class.

Cocks—Dr. S. Lott, 1st; C. Donald Gay, 2d.

Hens—Gay, 1st; Lott, 2d, 3d, 4th and 5th.

Buff Cochins—3 in Single Class.

Gus Dietz, 1st cock, cockerel and pullet.

Partridge Cochins.

Dr. Will Yates, 1st cock, 1st hen.

Black Langshans—59 in Single Class.

Cocks—R. A. Hewes, 1st, 2d; Snaith & Van Berger, 3d; Jesse T. Bateman, 4th, 5th.

Hens—Theo Johnson, 1st, 4th; M. S. Barker, 2d; Hewes, 3d; Snaith & Van Berger, 5th.

Cockerels—C. G. Lee, 1st; Barker, 2d; Bateman, 3d; E. D. Mainlow, 4th.

Pullets—Barker, 1st; Lee, 2d; Bateman, 3d, 5th; Johnson, 4th.

Pens—Barker, 1st; Johnson, 2d; Margaret C. Daly, 3d; Bateman, 4th, 5th.

White Langshans—9 in Single Class.

Thaddeus E. Allee, 1st cock; 1st, 2d, 3d, 4th hens; 1st, 2d cockerel; 1st, 2d pullet.

S. C. White Leghorns—100 in Single Class.

Cocks—N. P. Easling, 1st, 2d, 3d; P. P. Pfouts, 4th; Huber Bros., 5th.

Hens—Easling, 1st, 2d, 3d; Huber, 4th, 5th.

Cockerels—Huber, 1st; Easling, 2d, 3d, 4th, 5th.

Pullets—Easling, 1st, 2d, 3d; Frank D. Rogers, 4th; W. L. Fern, 5th.

Pens—Easling, 1st; Willmette Farm Co., 2d; Huber Bros., 3d; Geo. F. Ferris, 4th; G. J. Gerber, 5th.

Rose Comb White Leghorns—13 in Single Class.

Cocks—Clarence Hewes, 1st; Thos. L. Brogden, 2d; U. W. Iversen, 3d.

Hens—Iversen, 1st.

Cockerels—P. Augustin, 1st, 5th; Brogden, 2d, 3d; Iversen, 4th.

Pullets—Iversen, 1st; Hewes, 2d; Brogden, 3d.

Pen—W. Jones Williams, 1st.

S. C. Brown Leghorns—97 in Single Class.

Cocks—W. H. Wiebke, 1st, 2d; C. L. Fowle, 3d; R. J. Belsley, 4th; Fred J. Lovell, 5th.

Hens—Herman Rickhoff, 1st; Belsley, 2d, 3d; Lovell, 4th; Dr. H. T. Boyd, 5th.

Cockerels—Wiebke, 1st, 5th; Lovell, 2d; Belsley, 3d, 4th.

Pullets—Belsley, 1st, 4th; Boyd, 2d; W. R. Boners, 3d; A. J. Humphrey, 5th.

Pens—Frank Schlang, 1st; Rickhoff, 2d; Belsley, 3d; Fowle, 4th.

R. C. Brown Leghorns—35 in Single Class.

Cocks—Harry Morton, 1st; Dr. F. M. Reed, 2d; F. Newell, 3d; R. C. & R. L. Conolly, 4th.

Hens—Gala Poultry Plant, 1st, 3d; Albert Yoder, 2d; Reed, 4th; Newell, 5th.

Cockerels—Yoder 1st; Morton, 2d, 4th; Reed, 3d, 5th.

Pullets—Reed, 1st, 2d, 5th; Gala, 3d, 4th.

Pens—Reed, 1st; Conolly, 2d.

S. C. Buff Leghorns—58 in Single Class.

Cocks—L. M. Ranker, 1st; Geo. Demlow, 2d; W. M. Bean, 3d; F. A. Tecktonius, 4th; Wm. Ewald, 5th.

Hens—Tecktonius, 1st, 2d; Peter S. Hurt, 3d; H. Creiger, 4th, 5th.

Cockerels—L. M. Ranker, 1st; Tecktonius, 2d, 4th; Ewald, 3d; Mrs. H. M. Ball, 5th.

Pullets—Tecktonius, 1st, 5th; Ranker, 2d; Hurt, 3d, 4th.

Pens—Tecktonius, 1st; Hurt, 2d; F. A. Smith, 3d; Creiger, 4th.

Rose Comb Buff Leghorns—26 in Single Class.

Cocks—Tecktonius 1st, 2d; Wm. Boetteher, 3d, 5th; Anton Kakuska, 4th.

Hens—Tecktonius, 1st, 2d; Boetteher, 3d, 5th; Bean, 4th.

Cockerels—Kakuska, 1st; Tecktonius, 3d; Boetteher, 5th.

Pullets—Bean, 1st; Tecktonius, 2d, 4th; Kakuska, 3d; Guy Pedroy, 5th.

Pens—Tecktonius, 1st; Boetteher, 2d, 3d.

Single Comb Mottled Anconas.

Dr. Guy Blencoe, 1st, 2d cockerel; 1st, 2d, 3d pullet.

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We are glad to announce that Mr. John H. Moore, formerly Superintendent at Castle Farm and the originator of the celebrated "Castle Farm Strain" of White Wyandottes, has become Manager of our plant.

We are constantly selling guaranteed show birds in both our White and Col. Wyandottes, and will furnish single birds, pairs, trios or pens at a more reasonable figure now than later.

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Rose Comb Anconas.

Dr. Guy Blencoe, 1st cockerel; 1st, 2d, 3d pullet.

S. C. Black Minorcas—44 in Single Class.

Cocks—Chas. G. Pape, 1st, 2d; Wm. F. Lindenburg, 3d; A. Didricksen, 4th, 5th.
Hens—Didricksen, 1st, 2d, 5th; Pape, 3d; Lindenburg, 4th.

Cockerels—Didricksen, 1st, 4th, 5th; Lindenburg, 2d, 3d.

Pullets—Lindenburg, 1st; Didricksen, 2d, 3d; Pape, 4th, 5th.

Pens—Pape, 1st; Lindenburg, 3d; Edward H. Meiselbach, 4th.

R. C. Black Minorcas—54 in Single Class.

Cocks—L. C. Mishler, 1st, 2d, 4th, 5th; H. A. Keister, 3d.

Hens—Mishler, 1st, 3d, 5th; Didricksen, 2d, 4th.

Cockerels—Mishler, 1st, 2d, 3d; Keister, 4th; Didricksen, 5th.

Pullets—Mishler, 1st, 4th; Didricksen, 2d, 3d; Dr. A. G. Schroeder, 5th.

Pens—Mishler, 1st, 2d, 3d.

S. C. White Minorcas—13 in Single Class.

Cocks—Harry C. Meiselbach, 1st, 2d.
Hens—Black Point Poultry Yard, 1st; Meiselbach, 2d, 3d; J. J. Hurlbert, 4th.

Cockerels—Hurlbert, 1st; Meiselbach, 2d, 3d.

Pullets—Meiselbach, 1st, 2d; Hurlbert, 3d, 4th.

White Faced Black Spanish.

A. T. Harmon, 1st cockerel; 1st, 2d pullet.

Rose Comb White Minorcas.

Cocks—J. J. Hurlbert, 2d, 3d, 4th.
Hens—Hurlbert, 1st, 3d; Chas. E. Adair, 2d.

Cockerels—B. Wink, 1st; Hurlbert, 2d.

Pullets—Hurlbert, 1st, 2d, 3d; Wink, 4th.

S. C. White Orpingtons—44 in Single Class.

Cocks—Lawrence Jackson, 1st; J. S. Haupt, 2d; Dr. Guy Blencoe, 3d.

Hens—Jackson, 2d; D. W. Shelley, 3d; M. P. Pratt, 4th; Haupt, 5th.

Cockerels—Ernest F. Wall, 1st; Pratt, 2d, 3d, 4th; Jackson, 5th.

Pullets—Shelley, 2d; Mrs. F. A. Wilcoxen, 3d; J. S. Brady, 4th; A. M. Robertson, 5th.

Pens—Pratt, 1st, 3d, 5th; Shelley, 4th.

S. C. Buff Orpingtons—75 in Single Class.

Cocks—H. H. Kingston, Jr., 1st; A. E. Martz, 2d, 3d; Goodes & Palmer, 4th; J. O. Willard, 5th.

Hens—Craig & Mapes, 1st; Willard, 2d, 3d; Springwood Poultry Farm, 4th; Martz, 5th.

Cockerels—Martz, 1st; Goodes & Palmer, 2d, 3d; Charles W. Stevenson, 4th; George W. Taylor, 5th.

Pullets—V. O. Hobbs, 1st; Goodes & Palmer, 2d; Kingston, 3d; Taylor, 4th; Craig & Mapes, 5th.

Pens—Martz, 1st; Craig & Mapes, 2d; S. Byers, 3d; Hobbs, 4th; Willard, 5th.

S. C. Black Orpingtons—36 in Single Class.

Cocks—Craig & Mapes, 1st, 2d, 5th; G. E. Greenwood, 3d; Byers, 4th.

Hens—Greenwood, 1st, 2d; J. E. Haupt, 3d; John Cochrane & Son, 4th; Craig & Mapes, 5th.

Cockerels—Greenwood, 1st, 2d, 4th, 5th; Byers, 3d.

Pullets—Greenwood, 1st, 2d, 5th; Ernest F. Wall, 3d, 4th.

Pens—Byers, 1st, 3d; Craig & Mapes, 2d; Greenwood, 4th; Taylor, 5th.

R. C. White Orpingtons.

J. S. Haupt, 1st cock, 1st hen.

Diamond Jubilee Orpingtons.

Oprington Yards, 1st cockerel, 1st, 2d pullet.

White Crested Black Polish.

Cocks—Mrs. Emma Swensen, 1st; Kakuska, 2d; Avondale Stock Farm, 3d.

Hens—Avondale Stock Farm, 1st; Swensen, 2d; Kakuska, 3d.

Cockerels—W. H. Snook, 1st; Swensen, 2d, 5th; Royal Polish Poultry Yards, 3d; Avondale Stock Farm, 4th.

Pullets—Kakuska, 1st; Swensen, 2d; Royal Polish Poultry Yards, 3d; Snook, 4th.

Golden Bearded Polish.

Royal Polish Poultry Yards, 1st cockerel, 1st pullet.

Silver Bearded Polish.

Frank Kakuska, 1st cock, 1st hen; Royal Polish Poultry Yards, 1st pullet, 2d hen, 2d cock.

White Bearded Polish.

Royal Polish Poultry Yards, 1st cockerel; Frank Kakuska, 2d cockerel.

Plain White Polish.

Frank Kakuska, 1st cock, 1st hen, 1st pullet.

Silver-Spangled Hamburgs.

Cocks—Max Petters, 1st; Robert T. Paine, 2d; J. E. Kircheis, Jr., 3d.

Hens—Kircheis, 1st, 3d; Petters, 2d; Paine, 4th.

Cockerels—Paine, 1st; Kircheis, 2d; Petters, 3d; Adolph W. Stroll, 4th.

Pullets—Paine, 1st; Petters, 2d, 3d; Kircheis, 4th.

B. B. R. Game Bantams.

Dunne & Clifford, 1st cock, 2d hen, 4th cockerel, 3d pullet; John C. Schoenleben, 2d cock, 1st hen, 3d cockerel, 1st pullet; Otto M. Gay, 3d cock; W. R. Boners, 1st cockerel; E. S. Barker, 2d cockerel, 2d pullet.

Toulouse Geese.

S. D. Lapham, 2d cock, 1st hen, 1st, 2d cockerel; Mrs. Cora E. Kline, 2d hen, 1st cock.

OVERHEARD IN THE AISLES.

American Poultry Journal booth was the handsomest in the hall and the mecca of the fanciers.

* * *

We lead, others follow.

* * *

Did you ever see any better White Rocks than Halbach's?

* * *

Bushman's R. I. Red hen showed her feminine instinct by trying to swallow the pretty looking blue ribbon adorning her cage. "Macky" Pierce, well qualified as a nurse came to the rescue and succeeded in relieving the little lady of the article that was not intended for food.

* * *

Easling, as usual, "all the way" in the White Leghorn alley.

* * *

Geo. Rudy's White Wyandotte cock, Perfection, was the center of admiration.

* * *

I do love New York, but "Oh, you Chicago," said Andrews' White Wyandotte cockerel from Massachusetts. "I

S. C. Buff and Black Orpingtons

500 Cockerels

Bred direct from Madison Square and Chicago winners. Grand breeders at bargain prices in order to move them. Every one sent subject to approval. Birds with score card, if desired.

WILL H. SCHADT

GOSHEN, INDIANA

"RECOLLECTION OF QUALITY REMAINS LONG AFTER PRICE IS FORGOTTEN"

CALDWELL'S BABY CHICKS OF QUALITY

are hatched from the finest utility and the choicest exhibition matings of Fishel's "Best in the World" Strain White Plymouth Rocks, possessing all of these grand blood lines in absolute purity; are incubated in a coal heated Cyphers Mammoth incubator with no death-dealing lamp fumes to poison the developing embryo; are carefully packed for shipment, full count and safe arrival is guaranteed. This will

Mean Money For You Who Purchase, Because

strong, vigorous parent stock of such splendid ancestry, ideal incubation, correct shipping assure you sturdy stocky chicks of great vitality raised with the least effort and

They Mature into the Finest Utility and Exhibition Birds

Eggs for hatching from the same matings. Those wishing their own eggs hatched can have it done at reasonable prices. **White Wyandotte** chicks hatched from eggs bought direct from J. C. Fishel & Son. A number of other varieties can be furnished on order. Send for my handsome catalogue, it's free.

R. C. Caldwell : Box 1021 : Lyndon, Ross County, Ohio

second the motion," said Jackson's hen from out of her pen.

Lloyd Misher went home with more money than what he had when he came.

What fools some mortals be to go to a poultry show without their lunch. The "eats" was about as measly as the "Hambergers" at the Indiana State Fair.

The man with better birds at home was absent. He sold his birds to the butcher. Likewise the man who didn't advertise.

"No smoking allowed," yet the competition was sizzling red hot.

Especially in Columbian Wyandotte alley was this noticed.

Walter Fenton scraped the platter in this variety. He has the goods.

OUR CHICAGO WINNERS.

The following list contains some of the prominent winners at the recent Chicago show, whose birds are worthy of special mention and whose ads are to be found in the columns of the American Poultry Journal:

The exhibit of the River Home Poultry Yards, Perrysburg, Ohio, was commendable and filled with quality throughout. In the Light Brahma alley they won every prize competed for. These birds exhibited by them were all of that grand, majestic type and style found only in the good old Light Brahma, and when bred close to standard requirements, as the River Home people breed them, they are surely one of the most majestic and beautiful birds we have today.

The third prize Barred Rock cock, which plum also fell to the River Home Poultry Yards, was a very fine specimen, with fine barring and typical Rock type.

Covert's Barred Rock Farm, Wil-

loughby, Ohio, exhibited a fine string of Barred Rocks at Chicago and were among the winners, capturing second hen, third cockerel, third pullet and second pen. His birds showed quality throughout, particularly his string of females.

Truckenbrod Bros., Mendota, Ill., also exhibited some high class Barred

hibited Barred Rocks and won second cockerel, second pen mated for cockerels and first pen mated for pullets. The Barred Rock class was a large one and contained quality throughout. Many a fine specimen that most any breeder would be glad to own was left out of the winnings.

In the White Rock class we desire

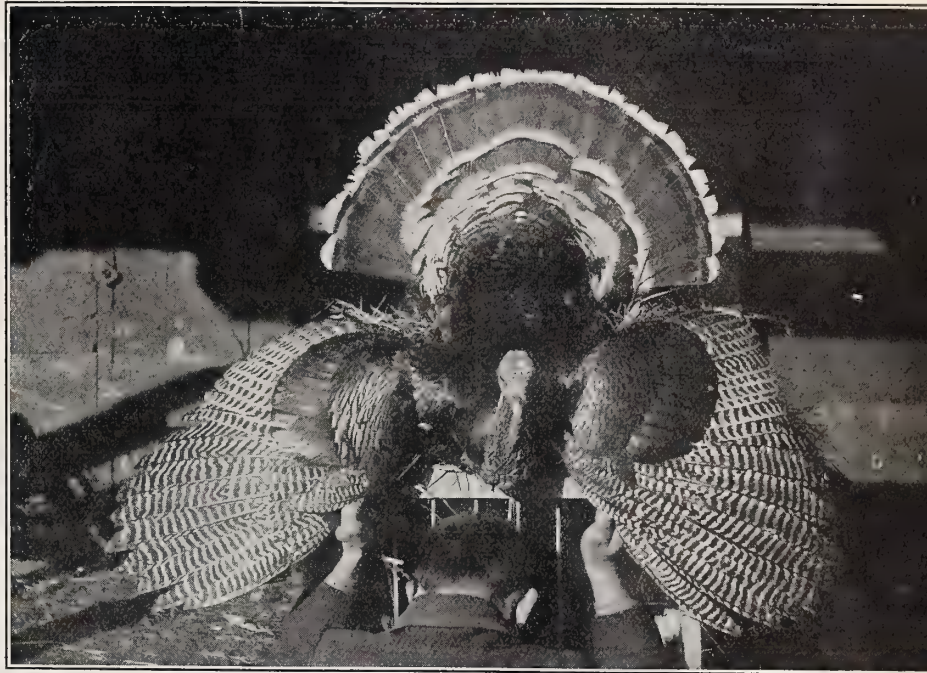


Photo of a first prize winning Bronze turkey cock at the Madison Square Garden show, showing fine wing barring, snow white edging and beautiful bronze. This bird was bred and exhibited by Bird Bros., of Myersdale, Pa., the Bronze Turkey and Partridge Wyandotte specialists.

Rocks and won fifth cock, fifth hen and fourth pen. Here again we find good quality, and Barred Rock breeders will remember that Truckenbrod Bros. have been in the winnings at Chicago before.

Keim & Niles, Bethany, Ill., also ex-

to mention W. H. Halbach, Waterford, Wis., who showed a fine string of White Rocks and won third and fifth cocks, second and fifth hens, first cockerel, fourth and fifth pullets and first pen. It will be remembered that Mr. Hal-

Fashion's Proudest Birds are "Ringlets"

E. B. Thompson's Barred Plymouth Rocks

are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which have made the "Ringlets" America's Leading Strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the Civilized World. The record stands alone and puts all others in eclipse—it is the most remarkable in the annals of poultry shows.

My producing the beautiful "Ringlet" feathers on Barred Rocks is recognized as having passed far beyond the realm of experimental theory. I never had so many superior exhibition and breeding birds—both male and female—with which to supply my customers all over the world as now. And all fanciers who visit my farm declare the stock is a revelation in the science of Barred Rock breeding. I can furnish you any birds you may want at reasonable prices and will assure exceptional value. Will mate to produce winners if desired.

The "Ringlets" are known in every land and play their part in the commerce of the world



Winners of Special Prize for Best Pen mated to produce Exhibition Cockerels, at Madison Square Garden, New York.

My matings for eggs are the world's finest, and prices are as usual: One setting \$6; two settings \$11; three settings \$15; four settings \$18; 100 eggs \$30. New 58-page catalogue, full of pictures of New York winners from life, will be mailed upon application.

SEE MY OTHER ADS IN THIS PAPER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

BREEDERS; \$10 TRIOS, \$6

S. C. Buff Leghorns and R. I. Reds. To make room for Spring matings, I will sell about 50 trios of S. C. Buff and Reds at \$6.00 per trio, which are actually worth \$10.00. Cockerels, \$2.00 to \$3.00 each. Show birds a matter of correspondence. Eggs, \$1.50 per 15; \$2.50 per 30, from eight select pens. 325 ribbons and specials in five years.

Woodlawn Poultry Farm : Kirkwood, Missouri

CHARCOAL Prices Greatly Reduced

If you use Charcoal in lots of 500 and 1000 pounds and upward, write us AT ONCE and we will quote you price that will save you money. We are manufacturers, sell direct and get low freight rates. Our INDIAN BRAND CHARCOAL is pure, evenly ground and guaranteed. 100 pounds if desired. Booklet free.

THOMAS BROTHERS COMPANY, 1227 Beach Street, PHILADELPHIA

: : : **BARNETT'S POULTRY FARM** : : :

Barred Plymouth Rocks

E. B. Thompson Pure Ringlet Strain—Two hundred fine farm raised cockerels for sale. Stock will be scored in November with the Hale explanatory score card. Eggs in season. : : :

G. A. Barnett :- R. F. D. No. 1 :- Clinton, Illinois

DUSTYNE**EXTERMINATES LICE AND MITES**

A dust bath for poultry. An absorbent material for general use in poultry houses. STOP whitewashing, spraying, painting and fumigating. Put DUSTYNE in your dust box and the chickens will do your work

for you; free themselves of lice and their pens of mites. One cent a pound. Sold only in 200-pound sacks; price \$2. Freight prepaid east of the Missouri. For further information and testimonials, address

Poultry Dust Bath Co., Box M, Whiting, Ind.

KING'S FAMOUS**Barred Plymouth Rocks**

RINGLET STRAIN—Do you want strong healthy chicks? Fine style, large bodies and great layers have been the keynote of my success. The breeding stock has large grassy runs, thereby insuring fertile eggs. My matings for 1910 far surpass those of former years. Many of the birds heading these yards have been the winners of highest awards in strong competition. With my enlarged facilities I can furnish eggs promptly at \$2.50 per 13; \$4.00 per 26. My guarantee is satisfaction and a square deal to all. I solicit your orders. For further information, write for mating list. Address

G. M. King, 935 South Queen St., York, Pennsylvania

ONLY THE BEST**S. C. BROWN LEGHORNS****PRIZE WINNERS**

The kind of birds the fancier loves to raise. I won 1st on ckl., 3d on cock at the Boston Show, 1907; 2-3 ckl., 3-5 cock, 3-6 hen, Boston, 1908; 1st on cock, 3d on pullet, at Madison Square Garden Show, 1905; 1st on cock, 2d and 3d on cockerel, 1st on pullet, 1st on pen and ten special premiums at Chicago Show, 1905, winning 15 prizes on eight birds. Improve your birds now by securing one or more of my fine males or females. A choice lot of show and breeding stock now ready for full delivery. Circular showing my winners, free. Write now. Address

W. H. WIEBKE, Box P 348, FORT WAYNE, INDIANA

WHITE ROCKS**AND WHITE WYANDOTTES**

If you are interested in these varieties and want quality birds for show or breeding, write us for prices. We have the birds that are bred right and raised right. These two essential features we can swear to as we RAISE the birds we sell on our farm. For proof of the quality look at our winnings at the Tri-State Fair, Memphis, Tennessee, 2,500 birds competing. On White Rocks every prize competed for, also special best cockerel in show, also best pullet in show. Purina Mills' cup best pen of Rocks. On White Wyandottes four out of five firsts and all other prizes competed for. \$100 gold best fifteen birds any variety in show. Como Mills' cup best pen of Wyandottes. We guarantee satisfaction on every sale.

W. R. GRAVES :- MRS. S. H. GRAVES
Rockandotte Farm, R. 3, Southboro, Mass.

bach was the prominent winner in this class at Chicago last year, and these winnings simply demonstrate a gain in quality of Rocks bred by Mr. Halbach.

Another important winner in the White Rock class was Preston B. Condit, 2138 North Capitol avenue, Indianapolis, Ind., who won first cock, first and fourth hens, second cockerel, second pullet and second pen. Mr. Condit has been the important winner at the Indianapolis shows for several years, and breeds White Rocks of high quality.

Another winner in the White Rock alley was J. H. Trobaugh, Delphi, Ind., who won fourth cock and third hen. Mr. Trobaugh is not a large breeder, but he seems to be breeding quality, just the same.

One of the exhibits which attracted the particular attention of the public and was even much commented upon by many of the breeders of other varieties, was the Partridge Plymouth Rock class, and particularly the birds exhibited by S. A. Nofztger, North Manchester, Ind., whose birds were typical Rock type and



WHITE WYANDOTTE.

A prize winner. Bred and owned by Ira C. Keller, Prospect, Ohio.

had that beautiful penciling so much desired. Mr. Nofztger will be remembered as the originator of this variety and he has certainly perfected these beautiful birds to such an extent that they are now as easy to breed as any of our older varieties. His winnings in this class were first, second and fourth cocks; first, second and third hens; first, second, third and fourth cockerels; first, second, third and fourth pullets, and first pen.

The Golden Wyandotte class was the largest class of Golden Wyandottes we ever saw at Chicago, and contained quality throughout. The prizes were divided among the exhibitors as follows: J. H. McDanell, Warsaw, Ky., won first cock, second hen, second and fifth cockerel and second pullet.

Simmons Bros., Stockton, Ill., won the first prize pullet, also winning two fine silver cups. This was a very beautiful specimen and showed the highest possible production in this variety. C. H. Dillon, 4231 Turrill street, Cincinnati, Ohio, won third and fourth cocks, third and fifth hens, first cockerel and second pen.

George H. Rudy, Mattoon, Ill., breeder of White Wyandottes, did not enter for competition in this class this

year, but had an exhibition and very beautiful display of this popular variety which was much admired by every one. One coop contained his cock bird "Perfection," winner of thirteen prizes in thirteen shows, this bird never having been defeated. There was always to be found a crowd of interested spectators around this coop as well as the rest of Mr. Rudy's exhibit.

J. H. Jackson, Hudson, Mass., exhibited a very fine pen of White Wyandottes on which he won fifth place. J. W. Andrews, Dighton, Mass., also exhibited White Wyandottes, and on four entries he won second and fourth cockerels, third and fourth pullets, and color special on females. Mr. Andrews' birds have been prominent winners at the New York and Boston shows for many years.

The Columbian Wyandotte class was very large and was evidence of the high quality which it is now possible to breed of this beautiful variety. The exhibit of Walter G. Fenton, Mt. Clemens, Mich., was very fine and he succeeded in capturing the following

erel; first and second pullet, and first pen.

In Rose Comb Rhode Island Reds, C. L. Buschman, 4939 North Meridian street, Indianapolis, Ind., had a fine string of birds, winning first cock, second hen, fifth cockerel, fourth pullet, and third pen. Mr. Buschman also had an exhibition pen which contained a number of very fine specimens and were much admired by the public.

Messrs. Irving A. and Frank C. Sibley, South Bend, Ind., had some very fine birds in the Rose Comb class and were awarded second and fifth cocks. Messrs. Sibley's birds are fine specimens of Rhode Island Reds and have been prominent winners in many shows for a number of years.

Ira M. Crowther, Willoughby, Ohio, won second cock, fourth cockerel and fourth pen. The birds exhibited by Mr. Crowther were young and not yet fully matured, but showed exceptional quality, and had the show been a month later we think his birds would have landed higher up in the winnings. His exhibit showed quality throughout.



BRED FOR LAYING.

35 Best breeds poultry. See my big circular illustrated in colors, before you place that order for stock or eggs. Prices reasonable. It will please you. It's free. 2c. stamp for mailing. John E. Heatwole, Harrisonburg, Va.

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You know chickens need charcoal to keep them well. But did you know there are two kinds of chicken charcoal? One is once-burnt; the other is re-carbonized—twice-burnt. Mr. Nuckols' booklet tells the facts about both kinds. It also gives ideal feeding plans for laying stock—plans whose success has been demonstrated by practical poultrymen. Send us your name and address, with the name and address of your poultry supply dealer, and we will mail you a copy of this booklet, free of cost.

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Our 1910 model is the best and finest brooding device ever put on the market. Outdoor, indoor and lampless brooder, weaning coop and small colony house, all combined in one machine for less money than you pay for just "brooder" in other makes. The Champion is the standard Brooder of the world. We have customers using as many as 50 on their farms. No other brooder like it.

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Many manufacturers are using some of our patented features in their brooders. Beware of these infringements as we intend to prosecute all such manufacturers and users of infringing brooders. Our patents cover all two compartment brooders, others are infringements, and if you buy them you are liable to heavy damages.

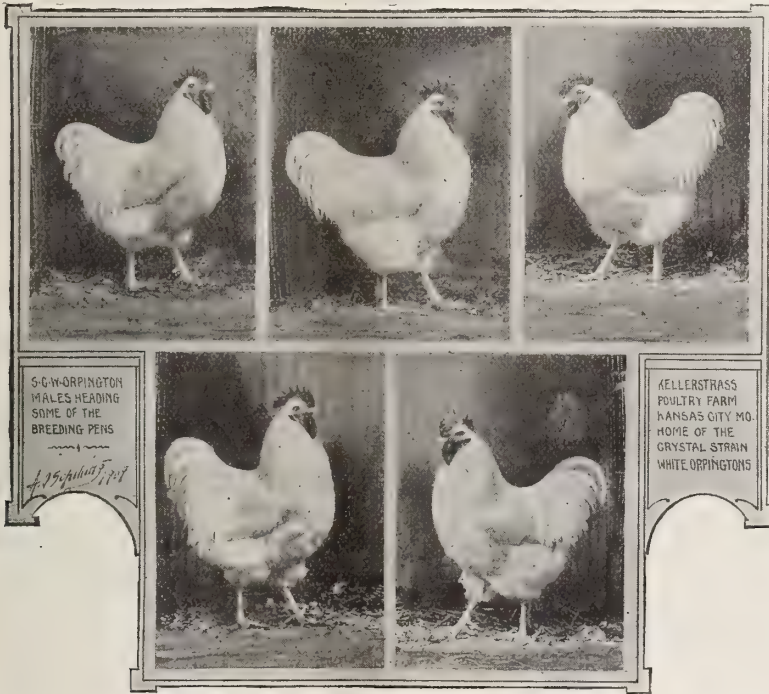
How They Work

"I have used two other kinds, but yours beats them all."—Jos. McCloskey, Watseka, Ill. "My Champion raised 145 chicks for me without the loss of one."—E. U. Harris, Hagerstown, Md. "Never had a chick sick with weak legs or bowel trouble in the Champion."—Nick Morris, Goshen, Ind. "I raised 600 chicks in two Champions last year and lost only three chicks."—R. Robetts, Boston, Mass. "My Champion chicks grow like weeds. Keep the brooders outdoors all winter."—Jas. Shiner, Augusta, Me. We have hundreds of others on file.

The Champion is the only brooder which will work outdoors in winter without shelter. The powerful heater does it. Uses one-half the oil others use. Don't buy until you get our catalog; it's free.

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S-G-W-ORPINGTON
MALES HEADING
SOME OF THE
BREEDING PENS

KELLERSTRASS
POULTRY FARM
KANSAS CITY MO.
HOME OF THE
CRYSTAL STRAIN
WHITE ORPINGTONS

prizes: Third cock; first, third and fifth hens; first, third, fourth and fifth cockerels; first and fourth pullets, and first pen. These winnings in competition of this kind stamp Mr. Fenton's birds as having quality, and we understand Mr. Fenton has a large lot of this variety.

The next class we desire to mention is Rhode Island Reds. The birds certainly were red, and some of the breeders were redder when the ribbons were up; but, be that as it may, the Rhode Island Red class was not only the largest in the show, but here were to be found more interested and enthusiastic people than anywhere else in the show room. The class showed exceptional quality throughout, and many indeed were the fine specimens which were behind the money.

In the single combs, Ellenwood Poultry Farm, Hatboro, Pa., won fifth cock, second hen, third cockerel, fifth pullet and third pen. Lester Tompkins, Concord, Mass., won first cock; first, third and fifth hens; first and second cock-

Jesse T. Bateman, Waverly, Ill., exhibited a fine string of Black Langshans and succeeded in capturing seven prizes. It will be remembered that Mr. Bateman has been a winner in this variety for several years past.

The Single Comb White Leghorn class was very large and contained many beautiful specimens of this variety. The important winner was N. P. Easling, Pekin, Ill., who won first, second and third cocks; first, second and third hens; second, third, fourth and fifth cockerels; first, second and third pullets, and first pen. It will be remembered that Mr. Easling was a large winner in this class last year—in fact, that he has been winning the cream of the prizes at many of the important shows during the last several years.

Huber Bros., Kenosha, Wis., exhibited White Leghorns and won fifth cock, fourth and fifth hens, first cockerel and third pen. Their first prize cockerel was a very fine specimen of this variety.

The Single Comb Brown Leghorn class was, we understand, the largest class of

this popular variety ever exhibited at Chicago, and contained quality from beginning to end. W. H. Wiebke, Fort Wayne, Ind., won first and second cocks and first and fifth cockerels. These were truly remarkable specimens and much admired by the breeders of this variety. Mr. Wiebke has been an important winner in this class at New York, Boston and Chicago during the many years he has been breeding Single Comb Brown Leghorns.

One of the surprises of the show was the number and quality to be found in the Single Comb Buff Leghorn class, in which Fred Tecktonius, Racine, Wis., won the cream of the prizes, as follows: Fourth cock, first and second hens, second and fourth cockerels, first and fifth pullet and first pen. The birds exhibited by Mr. Tecktonius were all that soft, even buff color with the proper Leghorn type, and were much admired by breeders of this variety. He also exhibited Rose Comb Buff Leghorns and won first and second cock, first and second hens, third cockerel, second and fourth pullet, and first pen. We were surprised at the quality to be found in the Rose Comb class. In many ways these birds are now bred equal to the Single Combs. Mr. Tecktonius has a large poultry plant at Racine which is devoted exclusively to producing high quality Buff Leghorns in both Single and Rose Combs.

Another winner in the Buff Leghorns was Peter S. Hurt, Thorntown, Ind., who won third hen, third and fourth pullets, and second pen. Mr. Hurt has been breeding high class Buff Leghorns which have been winning the "blues" at many of our large shows for a number of years past.

L. M. Ranker, Tiffin, Ohio, exhibited Buff Leghorns and won first cock, first cockerel and second pullet.

The important winner in the Single Comb Black Minorca was Charles H. Pape, Fort Wayne, Ind., who won first and second cocks, third hen, fourth and fifth pullet, and first pen. Mr. Pape has been an important winner in this variety for many years past, and his birds were grand, large specimens having typical Minorca type and close up to standard requirements.

The Rose Comb Black Minorca class was very large, and the important winnings went to Lloyd C. Mishler, North Manchester, Ind., who won first, second, fourth and fifth cocks; first, third and fifth hens; first, second and third cockerels; first and fourth pullets, and first, second and third pens. Mr. Mishler will be remembered as an old and prominent breeder of Rose Comb Black Minorcas, and he has always won the cream of the prizes wherever he has exhibited.

An exhibitor who won in both the Single and Rose Comb Black Minorca class was A. Diedrickson, Whitewater, Wis., and won in Single Combs fourth and fifth cocks; first, second and fifth hens; first, fourth and fifth cockerels, and second and third pullets; and in Rose Combs he won second and fourth hens, fifth cockerel, and second and third pullets.

The Buff Orpington class was well filled and attracted general attention. A. E. Martz, Arcadia, Ind., won second and third cock, fifth hen, first cockerel, and first pen. These winnings speak well for the quality of Mr. Martz's stock.

John O. Willard, Linden, Mich., won

second and third hens, fifth cockerel and fifth pen on very fine specimens in this class—in fact, his entire exhibit contained birds of high class Orpington quality.

In the Single Comb Black Orpington class, which contained many very fine specimens, Carl S. Byers, Hazelrigg, Ind., won fourth cock, third cockerel, and first and third pens, and third Buff in the Buff Orpington class. Mr. Byers breeds birds of high quality and is a well and favorably known breeder of this variety.

J. S. Haupt, Easton, Pa., exhibited Single Comb Black Orpingtons, winning third hen, and in Rose Comb White Orpingtons he won first cock and first hen.

The Single Comb White Orpington class was well filled and attracted general attention because of the prominence and interest being taken in this variety at this time, and many were the questions asked, "Is Peggy here?"

Mr. Kellerstrass did not exhibit this year, but attended the show for a couple of days.

The birds exhibited by Lawrence Jackson, Haysville, Pa., were fine specimens of this variety, and he won first cock, second hen and fifth cockerel. Another winner was M. P. Pratt, Evans-ton, Ill., who won second, third and fourth cockerel; fourth hen; and first, third and fifth pens.

In conclusion we will say the Chicago show this year contained the highest quality we have ever seen gotten together, and was a success in every way. The breeders who failed to land in the money this year should not be discouraged but proceed at once to strive to produce better birds.



The New Globe Incubator No. 10

The great merit of the Globe Incubators has been so well known to the poultry raisers of this country for the past fifteen years, that we feel the only introduction that the **New Globe Incubator No. 10** needs is a plain statement of the fact that in this machine we offer to the public an incubator of **Globe merit** built on plans that greatly lessen cost of production so that we are able to offer a

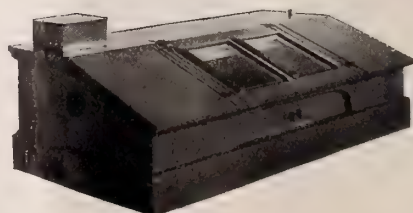
200-Egg New Globe No. 10 at \$13.50

Positively the best in the world for the money— This machine is fitted with the best double compound wafer regulator, the same as used in all higher priced machines and is honestly and substantially made throughout and will render efficient and satisfactory service and produce the best possible percentage of strong livable chicks that will grow and mature when placed in our famous

GLOBE BROODERS

200-Chick Size \$11.75—A brooder built on scientific principles that have been proven correct by actual practical use.

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C. C. SHOEMAKER
BOX 605 FREEPORT, ILLINOIS

Notes of the St. Louis Show

Poultrydom is so accustomed to having big things accomplished by Missouri breeders that the early rumor of the size and importance of the Missouri State Show scheduled for Dec. 6-11 at St. Louis was accepted without question. But, unlike many rumored events, the reality far exceeded the anticipation. With over 5,500 birds, exclusive of pigeons, and 550 exhibitors, this show takes rank as the largest ever held in the United States except the show held in St. Louis in connection with the World's Fair. The spacious Coliseum building was filled to its capacity, the main floor being completely covered, and rows of coops filling the extra space under the balconies besides. As every row of coops was double decked, some idea of the immensity of the show can be gained. With a show of this size it was inevitable that some specimens should be exhibited that could hardly be classed as show birds by even the most charitable thought. Yet, allowing a most liberal estimate for the number of birds of this character, there remained a surprisingly large list of specimens good enough to show and win anywhere in America. In practically every class the competition was so strong that even a 5th ribbon means more honor and quality than a 1st at the majority of other shows held this season.

A remarkable feature was the absence of complaint over the judging. Only a few instances came to the ears

of the writer, and these were on minor points. Except in one class, where it was claimed that the judge had not taken a single bird from the coops. If this was so the protest of any exhibitor in the class must necessarily have been sustained by the management, but none was made.

The show was caged by Spratts and disinfected by West. Litter was not allowed to remain on the floor ten minutes, and the absence of confusion at any time would have been remarkable even in a small show.

We were told that the business men of St. Louis, with customary loyalty and enterprise, subscribed \$3,000 to cover the rental of the Coliseum building for the purpose of this show. With the \$4,000 subsidy from the state, the management could afford to take a complacent attitude towards the miserable weather which prevailed during the week and the exhibitors knew that the big premiums won would be in their hands before the show closed, even if the attendance were hurt by the weather. With Tom Quisenberry and his loyal friends to boost the show, in the state as well as outside, with Henry Steinmesch, Judge Henderson and their fellow members on the St. Louis committee to take care of the city, this show was certain to be the big success of 1909-1910 which it turned out.

If anything more was needed to make good the claim of St. Louis to the next meeting place of the American Poultry

Association, as urged by Henry Steinmesch and agreed to by most all western members, the fact can be stated that over 100 members of the American Poultry Association were present at this show and that during the show thirty-seven applications for membership were handed in. Perhaps there were more, but this was the last figure given to the writer before leaving. If this does not spell enthusiasm and enterprise, what does? Secretary Campbell was present the last two days and thereby helped to keep the ball rolling. The management furnished to each member of the American Poultry Association a button bearing the legend, "St. Louis to the Front," with red and white ribbons pendant, upon which were printed "Member American Poultry Association." This made it easy for the old and new members to identify one another and get together, and is one of many evidences of the courtesies shown to visitors.

To return to the birds. All classes were judged by comparison. Billy Russell had the ribbon up on Barred Rock cocks and hens before lunch time on Monday, the opening day of the show. This was the largest class in the show, too, containing 282 birds. One of the finest Barred Rock cocks we have seen took first and would have won anywhere. He had unusual color for a cock, fine, narrow, snappy barring, good strong legs, full breast, long broad back and stood well on his stout legs. If his tail had finished out better he would be hard to criticize. He was bred by Gus A. Lengfelder, Mt. Vernon, Ill., whose entire exhibit showed a uniformity of size, vigor and quality that is

2,000 World's Best White Wyandottes

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1. Because we have proven to the poultry world that our strain of Wyandottes are the most profitable found, whether used as fancy or utility. They surpass all other breeds.

2. Our own show record warrants us in making the claim of the World's Best. We do not make false claims of making any other strain possible. There is only one World's Best Strain and our care and breeding alone is responsible for it.

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4. The breeding of White Wyandottes with us is our exclusive business, and our business is increasing every year. That is proof of our claim.



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and if you want to win you must secure the World's Best to win the victory, and to secure it you must get it from our yards. We have the finest lot of show birds we ever owned. If you win we will not claim the honors, because you bought the birds and the honor goes with them.

Bargains---Bargains

in breeding and utility birds. We knew that the poultry crop would be short this season; we made preparations for it and today have more birds than ever before. We can give you the best selection and from a larger number of birds than any other breeder of this variety. We have mated our breeding pens and must have room, and if you are in need of show birds that will win, or in need of breeders that will breed winners, or of utility birds that will lay, write us. We can supply your wants at prices that will astonish you; remember, quality considered. We defy competition.

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Winners—Madison Square, Hagerstown, Philadelphia, Washington, Etc. Write for list of winnings. Eggs from selected hens \$5 per 15.

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Michael's strain are winners. Vigorous farm raised birds and persistent layers. No more stock for sale at present. Egg orders booked now. Free catalogue.

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WHITE PLYMOUTH ROCKS

Superb quality, grand snow white show birds. Ready to win at any show. They won for me fifteen ribbons on fifteen entries. Now is the time to get in line for the coming shows. Don't put it off, and it will pay you to get my prices before placing your order. All stock shipped on approval.

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Extra choice show birds. No culls or utility stock to sell. Secretary-Treasurer Naonal White Wyandotte Club.

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The kind that are buff all over and good enough to win nearly all prizes at the big Peoria State Club Show. Write your wants for either stock or eggs.

Frank Naegele, Route No. 2, Peoria, Illinois

WHITE ROCKS

Bred RIGHT—I have a few extreme quality birds to sell, bred from my Peoria and Bradford winners, and will make special good prices for quick sales. Highest scores and winnings from most competent judges. Member White Rock Club.

W. N. Graham, Bradford, Illinois

: : SINGLE COMB BROWN : : LEGHORNS

Exclusively—Madison Square Garden, Newark, Paterson and Trenton winners. At the great Interstate Fair recently held, on six entries I won 1st and 2d cockerel, 2d and 3d pullet, 2d hen and 1st pen. A few choice exhibition and breeding cockerels for sale at prices that are right. Eggs for hatching from special matings, \$3.00 and \$5.00 per fifteen. Satisfaction guaranteed.

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R. and S. C. Buff Bantams**

Only a limited amount of eggs will be sold from these little Beauties this year at \$10 per thirteen. Orders booked now. : : : :

Harry M. Lamon, Adams Center, N. Y.

See my Plymouth Rock ad.

not often found. This same breeder had also one of the best showings of Toulouse Geese that the writer has ever seen, winning 1st and 3d adult goose, 4th adult gander, 2d young gander and 2d young goose. His geese showed same attention to size that characterized his Barred Rocks, the 2d young gander being a wonderfully good bird. M. Guckel, of Kirkwood, Mo., divided the honors in Toulouse Geese with Mr. Lengfelder, showing some unusually strong specimens. Louis Rausch, Creve Coeur, Mo., showed a fine strain of Barred Rocks.

In Buff Rocks there was the strongest line of birds in this variety that has been gotten together in years, with quality to burn. The class contained 271 birds, the second largest in the show and only 11 birds behind the Barred Rocks. Many a good bird was left out of the winnings because there were not enough ribbons to go around. The honors were fairly divided among E. L. Delventhal, Warrenton, Mo.; J. J. Bleakley, Abilene, Kan., and W. S. Robison, Fayette, Mo. Mr. Delventhal landed 2d and 5th cock, 3d, 4th, 5th hen, 2d pullet and 4th pen, and his entire string was a galaxy of quality. J. J. Bleakley won 4th cock, 1st, 3d, 4th cockerel, 1st pullet and 3d pen. His 1st cockerel was in a class by himself, showing rarely good Plymouth Rock type and one shade of golden buff from head to tail. W. S. Robison captured 1st pen on a well matched quartet of females headed by a splendid male. Mr. Robison also took a fourth on pullet.

There is no use talking, Eastern breeders of Buff Rocks will have to come West for this quality if they are to keep abreast of the times.

There was a hot fight on in White Plymouth Rock alley, 209 birds being shown. The ribbons were well distributed, only an occasional instance showing more than one to the credit of any one exhibitor. J. A. Bickerdike, of Millersville, Ill., was, as usual, one of the best winners, taking down 1st and 4th pens, 3d cockerel and 5th pullet. His 1st pen was headed by the cockerel winning 1st at the last Illinois State Fair. Judge Russell was especially complimentary concerning the type of the females in this pen as well as the correctness of the mating. Eggs from this pen will be worth much to fanciers seeking progress. Mr. Bickerdike also made a killing in White Holland turkeys, winning 1st old tom, 1st, 2d hens. The five winning hens in the class were pronounced by Judge Pickett to be the best in America. J. C. Rickey, Clarence, Mo., won 1st on a splendid pullet. He also showed a cock that a prominent Connecticut breeder and exhibitor of the variety at Madison Square pronounced to be the best bird in the class. He would have been a certain winner if shown a month later, as he was not properly finished for this early show. We understand that Mr. Rickey will sell a few eggs from the pen headed by this bird, and they will be worth any price he asks, for he has equal quality in his females.

Partridge Wyandottes constituted the strongest class of this variety that the writer has seen for years at any of the big shows. Carver & Avey, Columbus City, Ind., won the lion's share in spite of the strong competition, drawing 5th cock, 2d, 3d, 4th hen, 1st cockerel, 1st, 2d pullet and 1st pen, one of the best winnings in the show.

In Columbian Wyandottes Henry

Steinmesch, Normandy, Mo., proved the quality he is breeding by winning, in a large class, 3d, 5th cock, 1st hen, 3d cockerel, 3d pullet and 3d pen. His 1st hen was an unusually good female, fine tail, wing and hackle, and a typical Dotte.

Golden Laced Wyandottes furnished some top notch specimens, Simmons Bros., Stockton, Ill., winning 1st, 3d and 5th pullets out of four entered by them, 64 birds in the class. Buff Wyandottes about the same in number and some excellent quality, particularly in color. J. C. Ritter & Son, Olney, Ill., were the best winners, capturing 1st, 3d hen, 3d cockerel, 2d, 5th pullet and 1st pen. Henry Steinmesch entered but one pen in this class and easily won 3d.

Silver Laced Wyandottes were a big class and a strong one, particularly in the females, 139 birds being shown. Henry Steinmesch was again to the front with 1st and 5th hen and 1st pen. These were deserved on splendid birds, and show that Mr. Steinmesch is more than holding his own in this popular variety.

Silver Penciled Wyandottes found Carver & Avey with decidedly the best of it, winning 1st, 2d, 3d cock, 1st, 2d hen, 1st, 4th, 5th pullet, 1st, 2d cockerel, 1st, 4th, 5th pen, with competition from three states to meet.

Rhode Island Reds, both rose and single comb, made a large showing and there was some extra good quality in females particularly. The winnings were well scattered, many going to comparatively new breeders of these popular varieties. If the Chicago show had not been held during this same week we venture the statement that the complexion of the winnings here would have been decidedly changed, as it was a toss up with many Red breeders as to which show would offer the greater honor. At that, some of the best S. C. Reds we have seen this year were at St. Louis.

Buff Cochins brought out a large entry and hot competition. Dr. A. A. Gossow, St. Charles, Mo., made a splendid showing and a large winning, taking 1st, 2d, 4th, 5th cock, 2d, 3d hen, 3d, 4th cockerel, 3d, 5th pullet and 1st, 2d, 3d, 4th, 5th pen. Wm. A. Koppey took a ribbon on every entry made by him but one, his 1st cockerel standing head and shoulders above the rest.

S. C. Brown Leghorns constituted the largest and strongest class of this variety seen this winter, 140 birds being shown by exhibitors from seven states, one entry coming from Pennsylvania. Tom H. Woods, Fayette, Mo., in spite of this competition, took by far the best of it, and deservedly. He won 5th cock, 1st, 2d, 5th cockerel, 3d, 5th hen, and 1st pen. His quality was consistent in both sexes and this winning alone will bring him all the business he can handle. A breeder of this variety who can produce the quality shown by Mr. Woods has a position among fanciers that is undisputed.

Single Comb White Leghorns showed their popularity by coming out 223 strong, the third largest class in the show. Any winning here spoke volumes for the quality necessary to do it, and when a breeder can pull down two firsts he deserves special mention. Charles H. Rickey, Clarence, Mo., was the fortunate breeder to accomplish this, his winning of 1st cock, 2d hen, 2d pullet and 1st pen standing as the best taken by any exhibitor of this

variety. His 1st cock was a grand specimen, especially true to type and good in color. This winning places Mr. Rickey well up among the leading breeders of this variety. Robert D. Parmenter, Knoxville, Ill., showed a splendid string, his 2d and 4th cockerel coming in for much praise. He also won 2d pen. The 4th pullet shown by Clarence Root, Springfield, Ill., was a well placed bird, nice in head, long back and well carried tail, as well as a very white specimen.

Single Comb Buff Leghorns, a good class, and all the better because of the good entries of M. Guckel, Kirkwood, Mo., and Peter S. Hurt, Thorntown, Ind. Mr. Guckel showed two fine hens, winning 2d and 5th, also 5th pullet. Mr. Hurt by his winning of 1st hen, 4th pullet and 3d pen showed the Western breeders that Indiana can turn out some of the best in this line.

W. O. Chase, Hillsboro, Ill., got the best winning in a good class of R. C. Brown Leghorns, taking 1st cock, 2d, 3d hen, 4th cockerel, 4th pullet, 1st, 2d, 3d pen.

In White Wyandottes one of the old-time successful breeders, George M. Dewey, Keytesdale, Mo., made a good winning in the large class shown. His 1st pen, 2d, 3d pullet and 4th hen made him one of the largest winners. His 1st pen was a splendidly well matched and mated lot.

The Partridge Cochins exhibited by S. W. Cooper were in a class by themselves, and deservedly won the lion's share. He won 1st, 3d, 4th cock, 1st, 2d, 3d, 4th, 5th hen, 2d, 3d, 4th, 5th cockerel, 1st, 3d, 5th pullet and 1st pen. Mr. Cooper succeeded to the celebrated Baldwin strain of Partridge Cochins, which has a record back to 1882 of wins at all the big shows from New York and Boston to Kansas City. This quality showed all through his entry at St. Louis and was responsible for his remarkable win.

Single Comb White Orpingtons furnished plenty of competition, 114 birds being entered. J. W. Jones, Brookfield, Mo., made a splendid winning in this class, in fact, one of the best in the show. He took 1st and 4th hens on two typical Orpingtons, excellent in size, shape and color, 5th cockerel on a large deep bodied bird who ought to make a record at the head of a pen as a producer of winners. His 1st, 3d and 4th pullets were well placed and on a par with his other winners. With 1st and 3d pen also to his credit, Mr. Jones can congratulate himself upon having made a record that will stand for years. His egg customers will indeed be fortunate.

In Single Comb Buff Orpingtons, 178 birds entered, A. H. Eldridge, Bradford, Ill., made an unprecedented winning, especially considering the number and quality of the birds which his entries encountered. He won 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, showing grand quality right down the line. These winnings were conceded by his competitors as well deserved and the writer overheard a number of favorable comments by observing judges on the quality of Mr. Eldridge's exhibit. We believe there are few breeders of S. C. Buff Orpingtons who could not better themselves by the introduction of some of this blood; highly recommending Mr. Eldridge to any who are in the market for stock or eggs. Breeders from eight states had entries

in this variety, so that Mr. Eldridge has demonstrated quality far above the ordinary.

In Rose Comb and Single Comb Black Minorcas W. O. Chase, Hillsboro, Ill., made a consistently good winning, drawing in rose combs 5th cock, 5th hen, 2d pullet, 3d pen, and in single combs 4th cock, 5th hen, 3d cockerel, 2d and 5th pen. In Single Comb Black Minorcas E. E. Wilson, Indianapolis, Ind., won 2d cock, 1st hen and 1st pen on magnificent birds in first-class show condition.

Peter S. Hurt, Thorntown, Ind., took three 1sts on Golden Sebright Bantams.

Wm. A. Kappey had a fine exhibit of pheasants, winning practically everything in Golden, Silver and Ringneck.

Chas. H. Ring.

THE OKLAHOMA STATE SHOW HELD AT ENID, OKLA., DE- CEMBER 11-18

Brought out an entry of 3,200 birds, among which was a very large number of high class specimens, and premiums won in competition of this kind are very valuable for advertising purposes. We congratulate Oklahoma and the men for their untiring efforts in putting on this show, and we feel that they are doing good work in this new section of the country, and it should show the whole poultry world that the interests of fancy poultry are not confined to any one section, but are spread throughout the entire country.

We are sure that the next state show put on in Oklahoma will even exceed the one just passed and we personally know a number of breeders who intend exhibiting there again the coming year. We understand Oklahoma intends to pattern after the state of Missouri and seek to promulgate and push the work of interesting more people in the breeding of thoroughbred chickens. This is very commendable and Missouri has certainly set her a good example, which she may pattern after, and with her genial climate she may in the near future be

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This Poultry Fountain will keep water warm for 36 hours in ordinary weather. It's built like a Fireless Cooker—works like a "Thermos" bottle. When water, always pleasantly warm, is kept before them in winter, the egg yield doubles and trebles. All the food goes to make eggs. None is wasted keeping the fowls warm and active. Cold water in winter chills the fowls and thus freezes dollars right off your pocket. Our **FREE BOOK** gives the experience of successful Poultrymen with this wonderful invention. Ask for it.

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The Hopper Feeder is the **only** one which allows the fowls to feed as nature intended—that is, little and often and as appetite dictates. There is no possibility, as there is with other Hoppers, for the strong to crowd away the weak and no opportunity for the greedy fowl to gorge itself to its own undoing. There are holes in the side of the Hopper just large enough to allow the grain to go through without flowing. These holes are made smaller by a metal band which slides up and down. The grain must be picked from these holes by the fowl. Every one shares alike. Dropping grain is caught in the trough. None is wasted.



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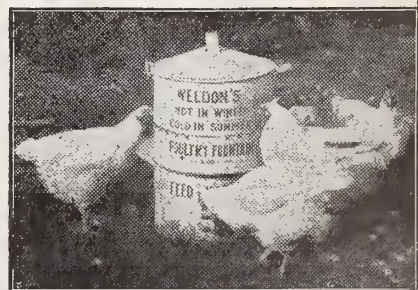
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These articles are not based on theory. They are not "hobbies," not "pet ideas" of poultry cranks, but the cumulative experiences of leading poultrymen who have cast aside all "fool notions and contraptions"—and got down to common-sense ways and practical equipment which long years of experience have proven most successful.

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Kansas State Agricultural College
We have been using one of your incubators on our plant and we have found that it is a very satisfactory machine and gave us excellent results.
Aug. 18, 1909. A. G. PHILIPS.

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The Sand Tray Prairie State Incubators are without question the most advanced and most perfect hatchers on the market. As proof of this we need but add that they are in use in the largest and most successful poultry plants. The majority of State Experiment Stations endorse them—the public prefer them wherever their good results are known.

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100 Hen Egg
150 Hen Egg
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390 Hen Egg





THE GREEN VIEW POULTRY FARMS

Jackson, Mich., December 1, 1909.
Prairie State Incubator Co., Homer City, Pa.

Dear Sirs: We are going to give you results of trial hatches made by your machines on our farms the past year. We tested four of your No. 1, 150-egg machines, and are pleased to report as follows:

The first machine was set with 150 fertile eggs, and hatched 149 living chicks.

The second machine hatched 132 out of 135 fertile eggs.

The third machine was set with turkey eggs, to ascertain the results on hatching turkey eggs, and we must say that results were beyond our expectations as we got a 99% hatch.

The fourth machine was set with waterfowl eggs such, as duck and goose eggs together, to see if it was possible to hatch same without changing the machine in any way. The result was 97%.

Your idea of ventilation is the simplest, the most successful and easiest to operate of all machines. The sand tray is the secret of your success. In the future we will use only your machines. JOSEPH M. O'BRIEN, Supt.



MATHER FARM POULTRY YARDS

Groton, Conn., September 22, 1909.
Prairie State Incubator Co., Homer City, Pa.

Gentlemen: I am having the pleasure of writing you a few lines to let you know how much I praise your Prairie State Incubator, and Outdoor Brooder. Last winter I ran three Prairie State Incubators, together with other makes, and the Prairie States hatched stronger chicks and ducklings than any other make I ever used. I had hatches as high as 95%, and a great many at 75% and 80% of all eggs placed in the machine, and there are no dead chicks in the shell, nor any cripples in a Prairie State. I think the sand trays are the finest thing there is in regard to applying moisture. Have just taken off a hatch of 75% of the fertile eggs and the chicks are as healthy and strong as if they were hatched early in the season. Where I am at present I have four 240-Egg size Prairie States and one 100-egg size, besides several other makes, but the Prairie State is my standby. I have also found your Brooder to be O. K. in every way, and the Universal hover can't be beat.

IRA D. HAUSER, Manager.

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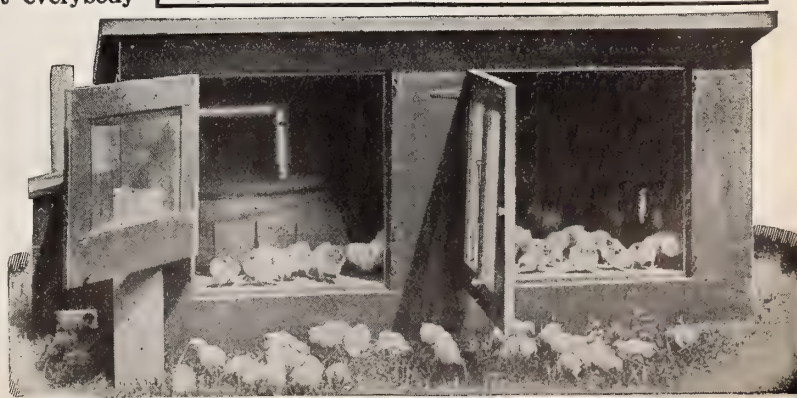
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Messrs. Prairie State Incubator Co., November 29, 1909.
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SUNNY SLOPE FARM, Per Edward Corning.

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It is a book everyone — amateur or expert — will feel fortunate to possess — will cherish and carefully preserve for reference because of its helpful, dependable and valuable information. It has over 80 large pages and 65 of them are devoted to such interesting topics as the following:

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The Intensive or Extensive Plan.
Colony House Method.
Care of Brooders.
Selection of an Incubator.
Poultry Buildings.
Principles of Feeding.

How to Feed Laying, Growing Stock.
Fattening—Feeding Little Chicks.
Lamp or Fireless Brooders.
Growing Green Ducks.
Diseases of Poultry—Prevention and Cure.
Handy Poultry Appliances.
Feed Formulae.
Description of successful hatching and brooding appliances. (Machinery.)
Many other useful and interesting topics.

To Make Sure of Getting Your Copy—Send Your Name Today

Write your name and address on a post card; say "send me your book on Artificial Rearing." You'll get a big surprise.

These articles are not based on theory. They are not "hobbies," not "per ideas" of poultry cranks, but the cumulative experiences of leading poultrymen who have cast aside all "fool notions and contraptions"—and got down to common-sense ways and practical equipment which long years of experience have proven most successful.

To the beginner these articles are of inestimable value. They'll start you

right—save you loss of time and money and, above all, avoid the disappointment so common to a large majority who enter this line of business.

It is information you can't buy—no text books supply it, and that's why we say it is the greatest poultry book ever published.

In the back part we fully describe our 1910 machines — the best we ever produced, and we confidently believe that

With this Valuable Book and 1910 PRAIRIE STATE Machines Success is Sure

Kansas State Agricultural College
We have been using one of your incubators on our plant and we have found that it is a very satisfactory machine and gave us excellent results.
Aug. 18, 1909. A. G. PHILIPS.

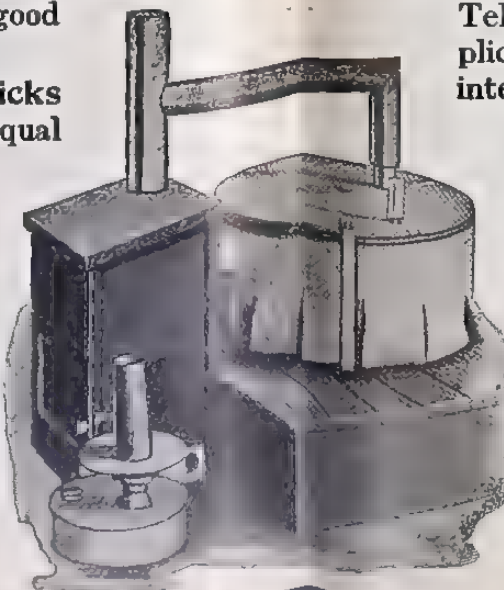
for those who adopt this winning combination and get the right kind of start.
The Sand Tray Prairie State Incubators are without question the most advanced and most perfect hatchers on the market. As proof of this we need but add that they are in use in the largest most successful poultry plants. The majority of State Experiment Stations endorse them—the public prefer them wherever their good results are known.

They have equalled the "old hen" in producing chicks that live—chicks that are big, strong, full feathered and equal in every respect to chicks hatched under hens.

Prairie State Universal Hovers and Colony Houses are solving the problem of rearing. They are reducing the death losses to a surprising minimum and shortening the marketing period by inducing faster growth and development which means much greater profit.

Just to cite a few, of thousands of instances, read the letters above.

Why experiment! Why not get the best at first—it's the cheapest by far in the end. Why not get equipment that the leaders in the business prefer?



You can't make a success by following the failures — pattern after the successful ones.

Make the Right Start by Sending for this Book Today. Even if you are not ready to buy — you need this valuable book. We want you to have a copy anyway.

Tell your neighbors to send for it. We have such implicit faith in the good it will do we want everybody interested in poultry to have a copy.

BUT our advice is to send your name at once. We expect an avalanche of requests and while we have printed a big edition it may be necessary to print an extra edition, meaning a delay in mailing them.

First come, first served. Be one of the first — send for your copy of this valuable book today. A postal will do.

PRAIRIE STATE INCUBATOR COMPANY
468 MAIN STREET, HOMER CITY, PA.



THE GREEN VIEW POULTRY FARMS

Jackson, Mich., December 1, 1909.
Prairie State Incubator Co., Homer City, Pa.
Dear Sirs: We are going to give you results of trial hatches made by your machines on our farms the past year. We tested four of your No. 1, 150-egg machines, and are pleased to report as follows:
The first machine was set with 150 fertile eggs, and hatched 149 living chicks.
The second machine hatched 132 out of 135 fertile eggs.
The third machine was set with turkey eggs, to ascertain the results on hatching turkey eggs, and we must say that results were beyond our expectations as we got a 99% hatch.
The fourth machine was set with waterfowl eggs such, as duck and goose eggs together, to see if it was possible to hatch same without changing the machine in any way. The result was 97%.
Your idea of ventilation is the simplest, the most successful and easiest to operate of all machines. The sand tray is the secret of your success. In the future we will use only your machines. JOSEPH M. O'BRIEN, Supt.



MATHER FARM POULTRY YARDS

Groton, Conn., September 22, 1909.
Prairie State Incubator Co., Homer City, Pa.
Gentlemen: I am having the pleasure of writing you a few lines to let you know how much I praise your Prairie State Incubator, and Outdoor Brooder. Last winter I ran three Prairie State Incubators, together with other makes, and the Prairie States hatched stronger chicks and ducklings than any other make I ever used. I had hatches as high as 95%, and a great many at 75% and 80% of all eggs placed in the machine, and there are no dead chicks in the shell, nor any cripples in a Prairie State. I think the sand trays are the finest thing there is in regard to applying moisture. Have just taken off a hatch of 75% of the fertile eggs and the chicks are as healthy and strong as if they were hatched early in the season. Where I am at present I have four 240-Egg size Prairie States and one 100-egg size, besides several other makes, but the Prairie State is my standby. I have also found your Brooder to be O. K. in every way, and the Universal hover can't be beat.
IRA D. HAUSER, Manager.

Read what Mr. Corning of Bound Brook, N. J., the man who made \$12,000.00 last year from 1953 hens, says in this valuable book.

SUNNY SLOPE POULTRY FARM

Messrs. Prairie State Incubator Co., November 29, 1909.
Gentlemen: We have had some experience in raising chickens with brooders and hovers. After trying your Universal Hover we discarded all others. With the growth of our plant we purchased additional "Universals," and intend continuing to use them exclusively, as they give us entire satisfaction. Yours truly,
SUNNY SLOPE FARM, Per Edward Corning.
N. B.—Mr. Corning is the man who, with aid of his son, cleared \$12,000 last year, and whose method is being extensively advertised.



Made in
FOUR
SIZES

100 Hen Egg
150 Hen Egg
240 Hen Egg
390 Hen Egg



one of the largest poultry producing states in the United States. Parties who are seeking locations for poultry plants, particularly commercial plants, will do well to consider the state of Oklahoma.

BUFFALO HART, ILL., SHOW

Was held December 1-4, 1909, and brought out a much larger number of

Wilbur's Poultry Tonic has been the favorite for twenty-five years with poultry keepers, because it has proven in practice the claims of its manufacturers—that it is a scientific tonic, providing just what the fowls need without over stimulating or "forcing" growth or abnormal egg-production, to the injury of the fowls.

The Wilbur Company makes a most

fer is remarkable, and of such a character as to enlarge the opportunity of the poultry keeper, they depending for their final profit on the continued use of their tonic. The poultryman who has once given the Wilbur Tonic a fair try-out, makes it a daily ration for his flocks in every stage of growth.

For the most liberal introductory offer you have ever had, write today for particulars to Wilbur Stock Food Co., 749 Huron St., Milwaukee, Wis.

GEO. A. HEYL, WASHINGTON, ILL., BREEDER OF BARRED PLYM- OUTH ROCKS

Reports that he has bought the entire flock formerly owned by Dr. O. P. Bennett. This grand flock of birds added to Mr. Heyl's already strong line puts him in the foremost rank, and one of the best breeders of exhibition Barred Rocks. It will be remembered that the males, Barred Right and Just Right, were champion cockerels at the Chicago show 1906 and 1907. These birds were the sire of the large flock of cockerels and pullets which Mr. Heyl is now offering for sale. He is in position to supply you with anything you may want in this line. He issues a circular which is free for the asking. You will find his ad elsewhere in this issue.

We wish to report that E. E. Wilson, 921 Ashland avenue, Indianapolis, Ind., won on three entries. S. C. B. Minorcas 1st hen, 2nd cock and 1st pen. Also association silver cup for best male and female at the recent St. Louis show. There were 108 S. C. B. Minorcas in the show. Mr. Wilson won the Indiana State championship for the Minorca Club last season. In fact, he is the champion of them all, for he won 12 more special



"Dear Big Jim, you have won many prizes for my papa." S. C. Black Orpington, owned by J. S. Haupt, Easton, Pa., breeder of S. and R. C. White, Buff and Black Orpingtons.

birds than last year. And the quality was very much better.

C. W. Zimmer officiated as judge to the satisfaction of all exhibitors, and he has been engaged to judge the show next year, which will be held on the same dates.

Harry Cass, Buffalo Hart, Ill., exhibited some fine specimens of White Wyandottes and won the cream of the prizes. H. B. Cass, Buffalo Hart, Ill., won the prize for the 10 highest scoring birds in the show on his White Holland Turkeys. His birds, being close to standard requirements, scored very high.

Mr. Mitchell, Mt. Pulaski, Ill., exhibited some very fine Buff Orpingtons, the pullets being exceptionally fine. Many others exhibited birds of good quality and the show was a success in every way.

A VALUABLE INCUBATOR AND PACKAGE OF POULTRY TONIC GIVEN AWAY.

Profits from the poultry yard are dependent simply upon the health and growth of chicks from the day they are hatched to maturity.

Perfectly healthy chicks will grow speedily into broilers and roasters. Perfectly healthy pullets will lay early and often. The only problem, then, is one of insuring perfect health.

To do this, the chicks and hens must be provided with those elements of a tonic nature which they were wont to find for themselves in their original wild state, and which they still, in a measure, secure with ample range.



Watchmen on Fairview Farm, J. S. Haupt, prop., Easton, Pa., breeder of S. and R. C. White, Black and Buff Orpingtons.

liberal offer of a free package, and a valuable "Kon-Takt" Incubator, both without cost, in order to prove the value of their tonic, direct to every poultry keeper. Their introductory premium of-

club ribbons than any one in the United States or Canada. He has a few more good birds for sale and is looking for a record breaking egg season. Write him for prices.

The Brooder Question

When the poultryman goes to his barn or shed to look over his stock of brooders and get the machines ready for use

and as he takes one of the machines down from the pile and dusts it off, and looks at its shabby weather worn sides

as he patches the hole in the tin roof where the paint was accidentally scratched and the rust has eaten in

as he opens the lamp door and takes out the oily tank, and faces the charred wick and lamp black, is it not time for him to stop and ask

is there still no better brooding plan? Must I go through the season with these?

To such thoughtful, progressive poultrymen, the *Hall Brooder System* must appeal. It is the better brooder plan—the one that solves the brooder question.

Bigger Hatches of Chicks that Live

The embryo chicks develop of the *white* of the eggs.

This white is composed largely of *water*.

When *air* that has been *warmed* and *dried* by the flame of a lamp is continually forced into the *egg chamber* of an incubator, the *water* content of the incubating eggs is *evaporated*.

The eggs have *no* means of drinking for absorption—of resupplying themselves.

Imprisoned in their shells, the hot air *evaporates* the *very substance* of which the embryo *chicks* are *developing* and the *result* is, you hatch *small, weak* chicks.

In some of the eggs even the *lining* is so *dried* that the chicks *cannot* pierce it and break their way to freedom and you have chicks *dead* in the shell.

Big hatches of *big, livable* chicks come from the incubator that does *not dry* the eggs.

That incubator is

THE HALL MAMMOTH INCUBATOR

It is the incubator that is *honestly satisfying* the *want*, and *actually filling* the *need*, on both large and small *profit paying* poultry farms.

The Hall Mammoth Incubator Co.,
South Columbia, New York.

Plainfield, N. J., Dec. 6, 1909.

Gentlemen:—Enter my order for 120 Hall hovers and 4 No. 18 Hall Self-Regulating Furnaces. Please make immediate shipment.

These 120 hovers will make an increase in my brooder capacity of 12,000 chicks. This should speak better than words of the success and economy of the Hall Brooder System. The two systems I installed last year and have used throughout the past season, have brooded the chicks with all the warmth and comfort of mother hens, and the loss of chicks in the hovers has been practically nothing.

My Hall Mammoth Incubator hatched wonderfully well throughout the entire season. One of my neighbors was hatching as low as 30 per cent. of his eggs in his small machines. He brought several trays of eggs—from the same breeding birds—over to me to hatch out in my Hall Mammoth Incubator, and they hatched 85 per cent. After this experience, he discarded his small machines and brought all his eggs to me. As I wrote you last May, I had all the hatching of eggs for others, that I could do. Your larger sized machine would have been none too large to handle the custom hatching that was offered.

(Signed) JUSTUS H. COOLEY.

It *may pay* you to *discard* your present *oil* equipment. It certainly will *not pay* you to add to it—to add *unnecessary work* and *uncertainty*. Indeed, an *increase* in oil machines means a *diminishing return* in proportion to your increase in capacity. And at *this* time, no fully informed poultryman would think of *starting new* with *uncertain, laborious, inadequate* equipment. The *Hall Catalog* tells *why*. Send for a copy of our catalog. It is free.

The Hall Mammoth Incubator Co.

Dept. X

SOUTH COLUMBIA, NEW YORK

GOOD TO KNOW

by C.W. Zimmer

This department is open to all readers and advertisers in the central territory and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, central representative, Ft. Wayne, Ind.

I wish you a Happy New Year—a prosperous New Year, with more and better birds—and may your success exceed your expectations. And I trust the American Poultry Journal will be the means of your success.

* * *

January 1 is the time to make resolutions. We suggest you “resolve” to raise better quality this year than ever before; cull closely in mating up; remember one good bird that scores one-half point more than your competitor will win you that first prize and coveted silver cup, etc., etc. Quantity is all right, but quality counts most. And right now is the time to think and plan what quality you are going to produce. Remember, years of careful breeding count, and the male is half the pen. If you have not got what you want, better buy an extra good male to head your pen, and, while you are about it, you had better also get a female or two from the same man and thus get his blood lines on both sides. In this way you have his strain as well as his line crossed on your line; and if you special-mate or trap-nest these chicks you will know where your good birds come from.

Resolve, That what is worth doing at all is worth doing WELL.

* * *

Better advertise in the American NOW than to wish you had. Better be glad than sorry.

* * *

If your hen house is damp or frost accumulates on the walls, cut a good size hole close up to the roof and fill in with straw to a point several inches below the opening. A few old boards will hold up the straw. In this way you have ventilation without draft, and, as the straw readily absorbs the moisture, your hen house will soon be dry.

* * *

How many hens have you laying for you? Eggs are 65 cents a dozen in California, 60 cents in New York, and 43 cents in Chicago, and cold weather just coming on. We predict they are going up, up, up. Better get busy and get a piece of this money.

* * *

“We lead, others follow,” is our slogan.

Kemiform is a new remedy for roup. It is a powerful and positive cure, easily given in the drinking water. Look up the ad in this issue.

* * *

C. E. Spaugh, Rugby, Ind., breeder of Barred Rocks, attended the Chicago show.

* * *

The Poultry Dust Bath Company, Whiting, Ind., had a booth at the Chicago show, where breeders were instructed in the merits of “Dustine.” This is the “new way” to be free from lice. They “let the chickens do the work.” You will want to KNOW about this, so send for their literature; it’s free.

* * *

What nicer or more appropriate present for your friend who is a “poultry crank” than a year’s subscription to the American. We will take pleasure in notifying him that you are making him a present of our journal. In sending in his name, just tell us you wish to make a present of the American to Mr. ————. “We do the rest.”

* * *

We lead, others follow.

* * *

Why are bookkeepers like chickens? Give it up? Well, just because they have to scratch for a living.

* * *

Why is a hen immortal? Give it up? Well, because her son never sets.

* * *

How does it come, my friend, that you haven’t sent me any notes along these lines? Won’t you do it in the future?

* * *

Lyman H. Hill, Jackson, Mich., who breeds White Rocks, and has won at all the leading shows, is offering some of his fine stock at special prices this month. See his ad elsewhere in this issue.

* * *

Have you seen any fowl more beautiful than the Partridge Rock? We doubt it. Certainly those exhibited by S. A. Nofztger, North Manchester, Ind., at the Chicago show were beauties, and they possess all the good qualities of the Rock family. Mr. Nofztger is get-

ting out a handsome catalogue which will be a work of art and by far the finest one ever issued on this variety. It will be remembered he is the originator of this variety, and this book will contain a full history of the breed and will also contain much valuable information. You should have this book, by all means. Send for it now.

* * *

C. E. Spaugh, Rugby, has just received his fine new catalogue, which contains much valuable information concerning the breeding of Barred Rocks, together with many illustrations of his birds and farm. All breeders of Barred Rocks will want this book. Send five 2-cent stamps to C. E. Spaugh, Rugby, Ind.

MONEY IN POULTRY.

Did you ever stop to consider the vast amount of money represented by fancy poultry throughout the United States? For instance take the Chicago show with 3,200 birds, the Missouri state show with 5,281 birds, and the Oklahoma state show with 3,200 birds, all held at about the same time. Place an estimate on their value, which it is safe to say would be at least \$20.00 per head, or the vast sum of \$233,620.00. Then think of the number of birds which these breeders have in their yards at home and the value that they represent, and then think of the thousands and thousands of breeders that did not exhibit at either of these three shows and the value of the birds owned by them. Do this and then let any one tell you there is no money in fancy poultry. Well, we will be surprised at you if you do.

**LYMAN H. HILL, JACKSON, MICH.,
BREEDER OF HIGH CLASS
WHITE ROCKS.**

We are pleased to receive a letter from Mr. Hill stating that the demand for his strain of White Rocks has increased to such an extent that he has been compelled to purchase a farm close to Jackson and he is preparing to convert the same into an ideal poultry farm and put up many new poultry buildings, brooder houses, power house, incubator cellar, etc., and that he has secured the services of an experienced breeder of White Rocks who he will place in charge of this farm, that it is his intention of raising 15,000 chicks next Spring.

Those who are posted on the winnings of White Rocks during the past year remember that Mr. Hill has won at such shows as Madison Square Garden, Jamestown Exposition, Chicago, Indianapolis, Toledo, Detroit, and other places, and won well. When one considers the fact that Mr. Hill’s plant of the past has



Buff Orpingtons

Chicago and Indianapolis Winners

Blue comes easy to Martz's line-bred, trap-nested layers. Chicago—1st pen, 1st cockerel, 2nd cock, 3rd cock, four best pullets, four Club Specials. Indianapolis—1st and 2nd pens, 1st cock, 1st pullet, 2nd and 3rd cockerel, five Club Specials, and other minor prizes at both shows. A few cockerels for sale. The largest Egg Catalogue and Mating List ever issued will be ready for mailing about January 10, 1910. Twenty-five illustrations and other valuable information. Free. Send for one.

A. E. Martz - Buff Orp. Specialist - Box C, Arcadia, Ind.



FIRST PRIZE PEN S.C.W. ORPINGTONS AT MADISON SQ. GARDEN 1908-9.
Wm. COOK & SONS SCOTCH PLAINS N. J.
OWNERS AND BREEDERS.

SUPERIOR PRINTING

FOR POULTRY men Complete line cuts. Prompt prepaid delivery, dependable workmanship. We know how. Our convincing samples and prices are free to every poultryman who needs printing. They are not curiosities. LAKE SHORE PRINTING COMPANY, Drawer 0-1, Glencoe, Illinois. 1-1

Baby.. Chicks

OF QUALITY—FROM S. C. W. Orplingtons and R. O. B. Minorcas. From the finest utility and the choicest exhibition matings. Eggs for hatching. Ten years' experience in hatching chicks. COLUMBIA POULTRY YARDS, P. G. Haley, Prop., Tiro, Ohio. 1-1



FORTY VARIETIES OF PURE BRED chickens, ducks, geese and turkeys, Northern raised, hardy and fine in plumage. Lowest prices for stock and eggs, incubators and brooders. Large illustrated catalogue mailed for 4 cents.

HARRY W. CONVERSE
1-10-1yr Fulda, Minnesota



LIGHT BRAHMAS—12 CHOICE cockerels, fine dark markings, good leg and toe feathering. Twenty years exclusive breeder.

JNO. F. WOODS, Utility Farm
1-10-1yr Route 19, Owensville, Ind.

White Wyandottes

BEST QUALITY—THIS year's crop is direct from stock, not cut for color in plumage, only 1½ on shape. Prices reasonable. M. W. GRIGG, Bushnell, Illinois 1-1

Look! Read!

TOULOUSE GEESE FOR sale. Fine large, young breeding and exhibition stock bred from prize winners that score up to 98½. Quality considered—my prices are the lowest. Write for circular and menu. B. G. DIDDENS, German Valley, Illinois 1-1



SILVER WYANDOTTES—WINNERS at Chicago, Indianapolis and Springfield. 200 high class exhibition and breeding cockerels at a bargain for the next thirty days. Also eggs for hatching from best matings. Circular free.

ORCHARD VIEW POULTRY FARM
1-1 St. Peter, Illinois



FIFTY PEKINS—GRAND IN SIZE, shape, etc., scoring to 98 and weigh seven to ten pounds. Guaranteed to please. Ducks \$1.50, Drakes \$2.00. 100 Silver Wyandotte cockerels. Choice breeders \$1.50 to \$2. Mrs. F. Schroeder, St. Peter, Ill. 1-1

TRAP NEST

Made in a few minutes very simple and reliable, complete plans, 10 cents.

George Stirdivant

Box 9

Sheboygan Falls, Wis.

**King Bone Cutters**

WHAT WOULD YOU DO if you were making bone-cutters and knew by three years of experience that you could sell them by the dozen at the big poultry show being held right in the same city, but you could not get castings fast enough to fill orders promptly? Well, that was my problem, and I solved it by staying away from the poultry show, and reduced my advertising, returned money to two customers who did not want to wait, and actually refused to accept other orders.

Now I am receiving castings faster than ever before and expect to begin the New Year by shipping King Bone Cutters promptly when ordered. \$5.00, and I pay the freight within 500 miles. Send stamp for circular.

R. H. O'Neill, 12 No. Campbell Ave., Chicago

only been of modern size, that he has not had a thousand birds to select from to take his winnings, these winnings are very remarkable and it is no wonder that the demand for his strain of White Rocks has increased to such an extent that he has been compelled to enlarge his poultry plant.

He is now offering some bargains, for details of which we refer you to his ad found elsewhere in this issue. Everything sold by Mr. Hill is guaranteed to please the customer or may be returned at his expense. This liberal guarantee should convince every one that Mr. Hill has confidence in his stock and his ability to please you. His ad will be

in the show, all pens competing. When you consider there were 3,200 birds in this show this is surely an honor worth winning, and stamps Mr. Bretz's red birds as having quality that should please the most fastidious. As the 2d prize cockerel was a very fine specimen of both color and shape, but being quite young and not yet fully matured are the reasons for not having been placed better than 2nd. His 3rd prize cock bird not fully recovered from the molt was somewhat out of condition where otherwise he would have landed higher in the money. Mr. Bretz informs us he has a large number of cockerels that are full brothers to the bird which won second place



"LITTLE BOY BLUE."

Winner of first cockerel at Polo, Ill., last February, in a big class, and sired by Bismark, the winner of first cock at Rockford and Polo, January and February, 1909. The bird was bred and exhibited by Wm. H. Hoover, Polo, Ill., the Barred Rock specialist, and headed one of his yards the past season.

found regularly in the columns of American Poultry Journal.

ROBERT BRETZ, ELRENO, OKLA.,
BREEDER OF ROSE COMB
RHODE ISLAND REDS.

Mr. Bretz won the lion's share of the premiums in the Rhode Island alley at the late Oklahoma State show, which was held at Enid, Okla., in hot classes of reds, winning as follows: 1st, 2nd and 3d pullet, 3rd cock, 2nd cockerel, special ribbon for color and special ribbon for shape of male; and special ribbon for color and special ribbon for shape of female, and a handsome silver cup for best pen in American class. With three judges consulting together he was awarded a handsome silver cup for best pen

which he would offer at this time at very reasonable prices, and he states he has a large flock of birds of similar quality and that he will have a number of exceptionally fine pens mated for the egg trade. If you are in need of stock or eggs of Rose Comb Rhode Island Reds you will do well to write Mr. Bretz, whose address is R. R. No. 3, Elreno, Okla.

Naegele's combination strain of Buff Wyandottes made the following grand winning at Peoria, 1908, show: 1st cock, 1st, 2nd, 3d, 5th pullet at Peoria, December, 1909, in the strongest class ever entered at this show, 1st, 2d, 3d cocks; 1st, 3d, 4th hens; 1st pullet; 1st, 4th pens. No cockerels shown. He is now booking orders for eggs.

BARRED PLYMOUTH ROCKS: THE BEST BREED.

Written for American Poultry Journal
by Wm. H. Hoover, Polo, Ill.

IN the show room, at the fairs and by mail we find there are a great many people who anticipate owning a few fancy fowls some time in the near future and are debating the question what variety to buy and where to buy them.

Now nearly all my life I have raised or helped to raise fancy pure bred poultry of many breeds, and I can safely say to all who are debating the question of variety that there is no breed so universally popular and so richly en-

at range, rustling mostly for themselves, they are superior. They do equally well yarded on a town lot, living mostly from table scraps and cooking refuse. They are easily confined with five-foot wire netting, and do not get lazy under restraint like Brahmas or Cochins. They are most excellent layers of a large cream-colored egg and at the same time, if one is wanted for table use, you have the choicest.

As a market fowl it is enough to say that many dealers pay more for Barred Rocks either live or dressed than for any other variety. They make broilers quickly, and as roasters their carcasses excel in plumpness, smoothness, clean, appetizing appearance and fine shape.

While they make the best of mothers,

remuneration from this source is most satisfactory to the breeder who has been successful in establishing a strain noted for show quality. So to everybody in general, the city dweller who has a little space and a few minutes' spare time each day, to the boy or girl who wants a few fowls for their very own to the farmer's wife or daughter who are tired of raising common barn-yard fowls, get some Barred Plymouth Rocks, they will bring pleasure as well as profit, furnish the necessary diversion from regular office work. Then, again, a few chickens have been known to save the day when other things failed. A few Barred Rocks in the care of a boy or girl who loves them is the best thing ever for teaching responsibility, kindness, nature study and sympathy with living things. Many an hour will be profitably spent with the fowls which possibly for want of employment might have been spent on the street or in questionable company. Many of our most successful Barred Plymouth Rock breeders date their beginning from the ownership of a pair of fowls or setting of eggs when a boy. And any one who is raising common barn-yard fowl will in a year's time be amply repaid if they will sell off the old flock to the first wagon that comes along and invest the proceeds in some pure bred Barred Plymouth Rocks.

The satisfaction derived from raising something nice will be appreciated, as well as the extra number of eggs and increased weight. Then it costs



LITTLE BOY BLUE.

The above picture shows this magnificent bird as he appeared at maturity. Bred and owned by Wm. H. Hoover, Polo, Ill.

dowed with qualities which suit people in all circumstances as the Barred Plymouth Rock.

I can just remember our first "Plymouth Rocks," as they were then called. The White and Buff Rocks have originated since then, also the Wyandottes, Orpingtons and Rhode Island Reds, and although some of these varieties have for a time tried to wrest the title of supremacy from the Barred Plymouth Rock none of them have stood the test, and today the Barred Rock breed stands supreme in popularity.

We have raised them for 15 years and write from actual experience, both from the farmer's and fancier's standpoint.

As a general purpose fowl, for the farm

they are not inveterate setters, being easily broken of broodiness, and are laying again in a few days.

They are very hardy and with any reasonable shelter will seldom suffer from frozen combs, as will Leghorns, Spanish and Minorcas. Our hen houses, while not expensive, are all built tight, dry, light and substantial, and except in the very coldest, below zero weather, the doors and windows are all always open day and night, summer and winter.

On account of their beauty in plumage and their shape of graceful curves they are a favorite with the fancier. Then there is no limit to the demand for first-class specimens for exhibition and breeding purposes, therefore the

\$80-OOPER MONTH straight salary and expenses, to men with rig, to introduce our **POULTRY REMEDIES**. Bank references given. Don't answer unless you mean business. **Eureka Poultry Food Mfg. Co., Dept. 10, East St. Louis, Ill.**

FENTON'S COLUMBIAN WYANDOTTES

Won at Chicago 4 firsts, 3 thirds, 2 fourths, 2 fifths, 7 club ribbons and silver cups in the largest class of Columbians ever shown in Chicago. Lots of fine breeding cocks and stock for sale. Get my prices. I give quality and satisfaction.

Walter G. Fenton, Mt. Clemens, Michigan

CLOSING OUT

My entire stock of pure bred White and Black Langshans and Minorcas, cocks, cockerels, hens and pullets. Special prices on large lots. ; : : : : ;

R. E. Ault :: Portland, Indiana

S.W.COOPER

COLE CAMP, MISSOURI

Breeder of the **Partridge Cochins**, the great prize winners. 16 out of 21 ribbons at St. Louis, the great Missouri State Poultry Show. Also winners of firsts wherever shown. I have only a limited amount of stock for sale and also a limited amount of eggs for setting yet to dispose of for next season. Get your orders in if you wish eggs or stock at once. First pen headed by an imported bird of fine build and ten first prize hens. Catalogue will be out the 20th of January. Write for copy.

MINORCAS

Cockerels, large and fine for show and breeding. Eggs guaranteed fertile, from the finest Rose Combs in America. Send for catalogue.

MINORCA RANGE

ROUTE 2
BIG RAPIDS, MICHIGAN



no more to feed pure bred fowls than culls.

The fowls can be bought from any reliable breeder. There are several good strains advertised in any poultry journal. The breeder is just as anxious to please you as you are to be pleased. Write and tell him just what you want. Don't ask him to describe what he has to you.

Sometimes I have known customers to send what money they could invest, telling the breeder to send the best he could for the price, and get excellent value for the money. Then if you are

either in growth or in egg production, must have a variety of food, and this variety should include green foods, animal foods, mash, grit and grain. But after all this is known and conceded, the fact remains that the principal food for fowls is grain. Corn, wheat and oats form the great part of the poultry bill of fare. These grains, or some of them, are fed the year round. They constitute the staples of poultry diet. They make the heavy drafts on the poultry treasury. The prices at which these grains are now selling and the prices at which they are likely to sell in the future, fur-

time he scatters the grain in the litter after the chickens have gone to roost, so that the fowls can, theoretically, feed themselves early in the morning.

This is fine in theory, but in practice it results in drawing a horde of rats to hold their nightly carnival and fatten themselves on the grain in the litter, which was intended for the fowls. Often the chickens are very hungry when the grain is thrown to them during the day, and at such times they will gorge themselves to such an extent that the grain not only does them no good, but leaves them stupid and inactive, so as to retard their growth or limit their egg production. Usually the strong and combative fowl will get too much, while the weaker and timid fowl will go hungry.

We have had in our yards in times past the same troubles in feeding as other poultry raisers. We have had grain which the chickens did not pick up immediately deluged with a sudden shower until it was thoroughly soaked; we have had clouds of sparrows light among our small chickens and seemingly eat more grain and cracked corn than the chicks themselves; we have had rats harbor in our yards because they found the grain scattered in the litter and feasted on it nightly until they were sleek and fat; we have had our chickens unaccountably hungry at some times, so that they would gorge themselves when the grain was thrown to them, although they are fed with great regularity, and at other times they would scarcely touch the grain thrown to them and would leave it to be wasted. The feeding of grain with us was the serious financial question, just as it is the serious financial question with every poultry raiser, large or small.

About a year ago we purchased and installed in our yards an automatic feeder which was advertised to obviate the serious difficulties in feeding grain and to make a large saving in money and labor. After ten days' trial we were so well satisfied with the results that we ordered and installed fifty of them and our yards are now fully equipped with them. They are the greatest feed and labor saving invention ever placed in a poultry yard. We have no more trouble with rats or sparrows. Not a particle of grain is wasted by getting wet or by being contaminated. The fowls feed themselves just as early in the morning as they desire. They can get all the feed they need at any time, and yet will not overfeed themselves. The old-fashioned wasteful way of throwing feed in the litter the night before, thus furnishing feed for the rats, is now obsolete.

The chickens, small and large, now always feed themselves just enough. The chicks grow better. The hens lay better. Our flocks are in every way in better condition since using these feeders. We would not do without the feeders for five times their cost. They pay for themselves in labor and feed several times in a year. Fowls are better contented to stay in their own enclosure. They do not attempt to fly over the fence, because they can, by just enough effort to keep them active, get all the grain they need in their own yard. The great problem of feeding poultry is finally solved by this feeder. The writer will be very glad to furnish free any further information desired.

Frank J. Stapp.

Manager River Home Poultry Yards,
Perrysburg, Ohio.



One of the crack Buff Cochin hens bred and owned by H. N. Hanchett, Jackson, Mich. This splendid specimen is valued by her owner at \$100. She was first prize pullet at the big Jackson show last year. Mr. Hanchett writes: "This picture doesn't do the bird justice at all, but is all I have of her." It shows her with foot feathering all broken off. Yet in spite of this and in spite of the somewhat frightened pose, one can appreciate the wonderful globular Cochin type, the long, profuse feathering—the true Cochin quality for which Hanchett's Buff Cochins are noted from coast to coast. Mr. Hanchett tells us that he never had such grand cockerels and pullets to offer as he has this fall. And this is saying a great deal, for he always has some good ones.

pleased with your birds it does a breeder lots of good if you write and tell him so.

FEEDING FANCY FOWLS.

THERE have been so many articles written on the subject of poultry feeding that the subject in a certain sense has become somewhat worn and threadbare because of the hackneyed expressions about "balanced rations," "protein" and "carbohydrates" and about the "secrets" telling how to make a wagonload, more or less, of nutritious poultry food for 13 cents. An analysis of many of these articles will show that they proceed on the erroneous theory of saving pennies and wasting dollars. Every intelligent poultry raiser understands that his birds, in order to thrive

nish the greatest practical question confronting the poultry raiser today, whether he is raising market poultry or fancy stock. Notwithstanding the fact that these grains cost from two to three times as much as they cost twenty years ago, the average poultry raiser and farmer goes on wasting the precious grain just as he or his parents wasted it then. It is entirely conservative to state that the average poultry raiser and farmer wastes 25 per cent of all of the grain which he "feeds" to his poultry. In the summertime he scatters it outdoors and in the yards, where part of it is eaten by the fowls and the rest is eaten by sparrows or other wild birds or rodents, or if any is left over, as is quite likely, it is often soaked with rain until all nutritive value is lost and it is rendered unfit for food. In the winter

WESTERN NOTES

by Amos Burhans

This department is open to all readers and advertisers in the western territory and all are invited to send in all poultry news items that come to their attention. Address Amos Burhans, Waterville, Minn.

The Omaha show has secured Victor Hobbs to handle the Orpingtons, which means a big entry of them. From the way things look now there will be a real, live show in this burg on the Big Muddy.

There are a number of the readers of the American who are waiting to hear about the big White Leghorn plant that is being built by Arthur Brandies at Omaha, and when we are at the Omaha show we shall photograph it and get the necessary notes to write more about it.

Throughout the western states there is more and more competition from year to year when it comes to the locating of the various specialty clubs' silver cups. This is very keen in the Barred Rock circles and we have known of one or two competitions that have not been overly peaceful. Steady, boys. Why not pass the cup about?

Editor Purvis and one of his contributors has called something "two hundred egg liars," and the chances are that we will record his sudden demise in a month or two. This two hundred egg hen business is getting pretty hot. Purvis offered fifty dollars each for some two hundred egg hens and the boys on the Pacific slope who are breeding layers say they have the goods, but Purvis does not show up and put the money down. I fear he is the same as most other western editors—just as impecunious as any of us.

They tell us that the new Coliseum is done with at Des Moines. This is good news. Iowans have not had a good show hall located toward the middle of their state and now if they all push they will have a good town to hold their annual fixture in and a great building to house the birds. Des Moines should hold the state show every year. It is centrally located and more easily reached for the mass of breeders than any other point in the state. Pull for the appropriation now, boys, and then you can draw some out-of-the-state exhibits.

Brother Rankin is more or less concerned over the fact that the Nebraska state poultry association has something over 600 members yet has not enough "get up and git" spirit to form or even make the attempt at forming an A. P. A. branch within the state. Hammer away, brother. Don't you remember what someone told you during a cold night in February some years ago?

A western breeder dropped a late copy, in fact the first one, of a much advertised newly born poultry journal hailing from a port on the lakes, accidentally into his straw pile. He found it the next morning and was surprised on opening it that it had not set fire to the straw, but when he glanced

through it, so he writes me, he found it to be just as tame as the other ones. And his wonder departed.

Poor old Reese Hicks is having a little jollification meeting all to himself out there in wintry Kansas. He has had the Poultry Culture enlarged so that it will now hold all the brain froth he may give vent to. There is a lot of satisfaction in having room to shoot your mind off when you want to, and yet the wonder of it is that Hicks has anything left to say in print.

From the way it looks to the man up the tree, we will now have some fun with the man who is telling how the faking is to be done. His book is selling fast, so the boys say, and referring to DeGraff as the goose, they add that

what is good for the goose is good for the gander.

I suppose that now reform has struck the poultry press, it will concern principally those who have unpaid advertising bills and those who will not come into the journal of the boss. Sure, it's a great game.

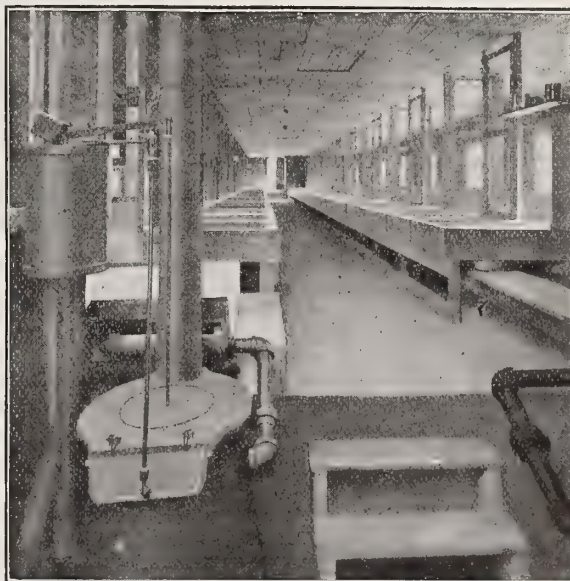
The Kansas City show and the Nebraska state show at Hastings are both making preparations for a big lot of birds.

The new Kellerstrass Farm catalog will soon be out, and we know that all who are interested in White Orpingtons will want it. This will be the best thing the Kellerstrass Farm has issued and will be full of information of value to all breeders. The business this farm is doing in Crystal White Orpingtons this winter will surprise those who say there is nothing in the business, for here is a well organized business that runs on system, not red tape, from the front to the rear, the profits from which are just as sure as those in any other line of stock breeding.

Tom Ricksecker, Kansas City, Mo.,

SAFETY BROODING

Candee Hot Water Brooder System



Healthy Heat Makes Healthy Chicks

THE FEATURES ARE

Economical Hot Water Heater that burns cheap fuel, eliminates danger of fire and is 15% cheaper than oil to operate.

Automatic Temperature Regulator that operates with the expansion of the water in the system and insures absolutely even temperature in all the hovers.

System of piping and hover construction that keeps chicks from crowding.

Write to-day for catalog and prices. Estimates free.

Candee Hot Water Brooder Co., Box B, DeWitt, New York

proprietor of the Red Lawn Farm, where Single Comb Reds are the fowls par excellence, is doing a good business and we are glad to note his continued success, for he has the birds and treats his customers right.

Frank Miltenberger, of Cortland, Neb., is sending out some good Columbians, so a customer writes us who bought through the A. P. J.

The Barred Rocks that S. T. Divinia, St. Joe, Mo., is sending out are continuing to uphold the good name of that breeder. An Iowa man recently entrusted an order for nearly a hundred dollars' worth of good birds for show and breeding to Mr. Divinia, and writes us that he is well pleased.

Kansas Barred Rocks are also doing well, from the report that we get from A. E. Blaker, Parsons. He says trade has opened up fine. Stock is being shipped every day.

After the storm comes the calm. Uncle John, of the City of Beans, has drawn in his horns a bit on the question of crossing the cockerel line of exhibition males with the pullet line of exhibition females. See last F. P.

The state of Kansas is doing itself proud over the fact that the imperial family of Germany is eating Kansas milk-fed chickens. This sort of chicken was tendered to Prince Henry when he was in this country some time ago, and he stated that it was the best fowl he had ever tasted, so when he got home he sent an order over to Armour's, I think, and asked for more of it. This order was followed by another and still another, and now the German emperor is dining on Kansas fowls.

Brother Quisenberry, secretary of the Missouri state poultry board, is one of the best secretaries in the world, so Missourians have the right to think. Take a look at the St. Louis show report in this issue.

A JUDGING TRIP TO OLD SAN ANTONIO.

LAST year I had the pleasure of judging the poultry show held by the Houston (Texas) Poultry Association. While there I met a number of San Antonio exhibitors, and through their efforts I was engaged to judge the poultry at the great International Fair at San Antonio, which opened November 6 and closed November 17.

On November 6 I arrived in San Antonio, the beautiful city of sunshine and flowers, and having a few days before my date for judging, I made the most of my opportunity to see San Antonio, with her many interests, both historical and modern.

Perhaps the most interesting feature is the Alamo, the shrine of Texas liberty, which is one of the historical buildings of the world. It was built in 1718, and was originally a church, convent and prison. The place where Davy Crockett, Travis, Bowie and Bonham gave their lives for the defense of their country and planted the Stars and Stripes in Texas.

Time and space will not permit me to go more fully into details, nor to mention the many interesting things, both new and old, that San Antonio holds for the sightseer; however, all are well worth seeing.

Having had some correspondence with Mr. F. W. Eichlitz, and having met him at Houston, I hunted him up and found that he conducts an extensive insurance business when he isn't talking "chicken." Mr. Eichlitz is a good and enthusiastic breeder of both Rose and Single Comb Rhode Island Reds. At Mr. Eichlitz's suggestion we called on Mr. W. H. Brown, who is agent for the American Express Company and a breeder of Buff Plymouth Rocks, which is one of the best business combinations I know of. If all express agents were poultry fanciers the stock and eggs shipped over the country would have much better care than they now receive.

On Monday, November 8, I visited the fair, where from the tops of the buildings the Stars and Stripes shared the breezes with the Mexican flags, giving truth to the name "International Fair."

At the poultry building I met Mr. L. M. Samuels, an old-time fancier and former editor of the first poultry journal published in the South. Mr. Samuels is a true blue fancier and also knows how to conduct a poultry show.

In looking over the show, the first thing that stared me in the face was 270 Barred Rocks; the next largest class were the Rhode Island Reds, and I found some very fine specimens in this class. The winners in the Single and Rose Comb Rhode Island Reds were Messrs. F. W. Eichlitz and J. W. Rippes. Mr. Rippes also showed a nice string of White Leghorns. The White Plymouth Rocks also had a large class; winners were Robert Thompson and D. E. Root. Out of a large class of Buff Plymouth Rocks Mr. W. H. Brown was winner of all prizes. Mrs. Voorhies Brown was winner of all prizes out of a large class of Buff Orpingtons. Mrs. Brown is the wife of the president of the Fair Association, which is another excellent combination for the poultry interests of the fair.

There were in all about 2,000 birds on exhibition, and the show was one of the best and most pleasant, as well as being conducted by as agreeable a bunch of

43 Varieties

Poultry, Squab Breeders, Fancy Pigeons, Ducks, Geese, Guinea and Eggs, Ornamental Birds, Wild Game, Pheasants, Pea Fowl and Dogs, Old Trusty Incubator, freight paid. Feed and Supplies. Handsome Catalogue, containing 150 illustrations, 2 cents. Missouri Squab Co. Department R St. Louis, Mo.

McClave's Barred Rocks

OLDEST STRAIN IN OHIO. Bred on Linwood Farm since 1874. Choice cockerels, trios and pens at reasonable prices. I also breed best prize winning White and Golden Wyandottes, White and Brown Leghorns, Turkeys and Water Fowls. Eggs for hatching. Largest poultry farm in Ohio.

CHAS. McCLAVE

NEW LONDON, OHIO



RIDGE VIEW FARM

PRACTICAL REDS

THAT'S it—Practical Reds. The kind that lay eggs like a Leghorn and make a roast like a Rock.

We have the best strain of Practical Reds in the U. S. We sell eggs that hatch. Send \$6.00 for 100 eggs from utility pens or \$10.00 for 100 eggs from selected pens. Get your order in now—don't wait until the last minute.

After years of careful breeding we are giving the fancier an opportunity to buy from our best stock at an exceptionally low price.

A. G. CLARK, WILLOUGHBY, OHIO

Champions of the West

200 Barred Plymouth Rocks for sale. Direct descendants of **Barred Right** and **Just Right Champions of Chicago Show, 1906 and 1907.** Exhibition males and females for sale. Send for circular and state what you want.

Geo. A. Heyl - Washington, Ill.

Successor to Dr. O. P. Bennett - Having purchased his entire flock

fellows as I have ever had the pleasure of being with, and I want to say to any of the northern fanciers who may visit San Antonio, don't fail to call on any of the above named fanciers, and they will leave their business any day to talk "chicken."

The San Antonio Poultry Association is going to hold a show some time next year, and every effort will be put forth to make it the finest show in the South.
Danville, Ill. O. L. McCord.

THE DOCTOR AND THE CHICK.

To successfully doctor a sick chick first begin with the hen. Whatever applies to the mother may also be applied to the sire. No one who ever expects to meet with success in the rearing of poultry can ever for a moment overlook the fundamental law of stamina of constitution in the sire and dam, the foundation from which the new-born chick has drawn its vitality.

We venture to say that over one-half of diseases occurring in young chicks have the nucleus in the breeding yard. Begin there to apply remedies for weakness of the throat, lungs or bowels. Live with your breeders for a few days. Note the brightness of their eyes, the appetite, activity, size, shape and strength. Select from among these the most promising, healthy specimens. Give them the best of food and attention; set only their eggs and learn the first lesson in the art of doctoring the growing chick.

But suppose that you are a beginner and have not learned in the expensive

school of experience nature's laws and her methods, and you have a brood of young chicks which thru some error in breeding, hatching, overheating or chilling have developed bowel trouble, the symptoms of which are unnatural; thirst, loss of appetite and a liquid discharge which in severe cases assumes a whitish color. Your duty now is to remove the sick ones to warm, comfortable quarters. Give no food or water whatever. Boil one quart of milk, when cool add six compressed lime water tablets previously dissolved in a little cold water. Keep this mixture before them until marked improvement is noticed, then gradually add food and water. Remember that a chick once having severe bowel trouble receives a shock to its system from which it rarely recovers, its growth is retarded and as a breeding specimen is utterly worthless. Again there may appear in the brood some which droop around, pick at this and pick at that, eat but very little, stand listlessly around and seem to wonder why they are on earth. There is in these cases an error either in breeding or incubation. Doctoring is useless. Separate them from the rest, for they may have in their system the hereditary predisposition to tuberculosis. Watch them carefully for a few weeks and if there is no improvement put them out of the way.

Roup may develop in the growing chick. The attack itself comes on suddenly in the night and is usually preceded by all the signs of a bad cold. Offensive discharges occur from the mouth and nostrils. The head swells,

breathing is difficult, cankerous spots appear in the mouth and exhaustion is a marked feature. This highly contagious disease occurs more frequently during cold, damp spring weather, or in young stock hatched rather late the early winter months catching them before they are fully feathered, or hardened enough by mature growth to stand a sudden change of temperature. To successfully combat this disease take of permanganate of potassium one drachm, water one ounce, mix, put one teaspoonful of this preparation into one pint of water. This makes a 1-1000 solution, a powerful stimulant and antiseptic, practically non-irritating and not dangerous. Take the fowl in your lap or between the knees, with the left thumb and forefinger grasp each side of the base of the head, extend the neck well forward and with the other hand open the mouth, keeping it open with the thumb and forefinger of the left hand while you spray the throat, mouth and nostrils thoroughly. Bathe the face good and keep water before them in which one teaspoonful of tincture of iron to each quart of water has been added, or some reliable Roup remedy. Spray the throat morning and evening until improvement is well marked, then once each day will be sufficient.

Wiggins, Colo.

G. E. Kiner.

Better raise a dozen fine, vigorous chicks that will mature quickly, as you will run better chances of having some "prize winner," than to raise 100 scrawny ones, none of which will ever amount to anything.



First Prize Cock, Chicago, 1909, Made from Unretouched photo.

Standard Line Bred Single Comb

WHITE LEGHORNS

EXCLUSIVELY

Recent Chicago Winnings

December 7th to 12th, 1909, the largest entry and competition the strongest ever shown at Chicago.

1st, 2d and 3d hens; 1st, 2d and 3d pullets; 1st, 2d and 3d cocks; 2d, 3d, 4th and 5th cockerels; and 1st pen.

Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and first on pen; also cup for best display. Exhibition birds of the highest quality now ready. My stock in customers' hands won firsts in most all of the leading shows last winter, and will do it again. Do you want the winners in your show? If so, get in touch with me and state your wants. Inclose 4 cents in stamps for the finest White Leghorn catalogue ever published.

The Largest S. C. White Leghorn Farm in the Middle West. They lay while other breeds sleep

The Parkside Poultry Farm, N. P. Easling, Prop., Box 40, Pekin, Ill.

A VISIT TO THE FAMOUS CHEVIOT POULTRY FARMS.

THE one great sensation of the 1909 Cincinnati show was the two pens of Orpingtons, one each of Buff and Black, shown by Milton W. Brown, owner of the Cheviot Poultry Farms.

These two pens are certainly the best two pens of Orpingtons we have seen. The judge remarking that the pen of Buffs were the best he had seen anywhere.

These two pens would have made a sensation at Madison Square, and indeed

mingham (England) pullet, first Belfast hen, second Belfast (Ireland) hen. One of the hens had also won at the Crystal Palace, London, in Mr. Sissons' hands. It is no wonder then that these birds were a sensation and caused the aisle in front to be blocked most of the time.

The cockerel heading this pen was raised by Mr. Brown himself, and aside from the fact that the tail was not yet perfectly moulted out, was in all ways a credit to the pen, being low set, of splendid type, splendid, low five-point comb and even, rich golden buff of the same perfect shade all over.

The pen of Blacks was quite as sen-

in Blacks, and it is very doubtful if a pen of such quality can be found in any variety in any American show this year.

All these hens were from one to four pounds over Standard weight and of the most exquisite type and color.

Mr. Brown showed no Whites, owing to the fact that he had sold a pen of Whites to a young man to show at Cincinnati, and agreed to stay out of the show in that color.

We saw some of the famous Cheviot Farm Whites, however, at Mr. Brown's home, where he keeps a couple of hundred birds. We were unable to go out to the farm, some two miles from the end of the car line, but were repaid for our visit to the yards Mr. Brown keeps at his home.

Here we saw some Whites of the most sensational type. We saw all his imported birds that came from Mr. Sissons' matings in England and were said to be the best Whites that had ever left England, and we are inclined to justify the estimate.

Here is size, type and color. We saw pullets weighing as much as nine pounds, of sensational type and color. Mr. Brown certainly has the type in Whites. One cockerel in particular would do credit to any Black breeder in the country. This cockerel had immense bone, a perfect eye and glistening white in color, but had a comb not quite up to concert pitch. So far as we could judge, the only fault.

We saw some thirty coops in which these birds and the Buffs had come from England. These coops were being used for cockerel coops and were sufficiently roomy for their comfort.

Mr. Brown explained that Mr. Sissons was now using a very much lighter coop and the express bills were cut to about one-fourth what the first shipments cost.

Asked how the trade in eggs had been the past year, Mr. Brown replied that he had returned something over \$400 the past year because he could not fill the orders, but that in all probability he would be able to meet all calls next year, as he had added several new branch farms with competent managers.

Mr. Brown now owns all the interest in the Cheviot Farms, having purchased Mr. Coleman's interest, together with all the birds Mr. Coleman owned, Mr. Coleman going into the insurance business.

The Carey, Ohio, farm will be managed in future by Mr. Shireman, who made the best record last year in raising of any of the branch managers.

Mr. H. E. Stauffer has also been secured as manager of one of the farms. Mr. Carl Disser manages the original Cheviot Farm; Mr. Edwin Brown manages the Oklahoma farm; Mr. Henry Burr manages the Texas farm, and in all there are now some twenty-two men giving all their time to the Cheviot Poultry Farms.

Mr. Brown has imported some sensational Buff cockerels to mate with his home-raised hens, and these, added to the two all-imported pens, will give the Cheviot Farms a wonderful stud.

Several of the best pens are now in the South, where chickens are raised in the winter. Eggs are being shipped daily from the home farm to the South for winter hatching, where the birds can be raised to best advantage at this time. These birds another year will supply the southern egg trade, which the



No. 2.



No. 4.



No. 5.



No. 9.



No. 6.



No. 7.



No. 8.

The above cuts show the quality of Orpingtons bred on Cheviot Farms, Cincinnati, Ohio. Nos. 6, 7, 8 are Buff hens out of first Cincinnati pen, and include (7) first Birmingham hen, (8) Crystal Palace winner, (6) first Belfast hen. 2, 4, 5, 9 are hens from first Cincinnati pen.

there were individual specimens in the pens that would alone make a furore at any show in the world.

For example, the Buff pen contained hens weighing between eleven and twelve pounds, of perfect type, extremely short on legs and of the most perfect, even golden buff imaginable.

All these birds had good, low, regular combs and perfect eyes, and in fact were sensational in all respects.

The Buff pen contained four hens imported from Mr. Sisson's famous matings in England and included Mr. Sissons' first Birmingham hen, first Bir-

mingham as the pen of Buffs and contained some very famous hens, including the dam of the first Madison Square, Cleveland, Boston, Allentown shows of last year, as well as of a score of other winners last year at Boston, Madison Square, Jamestown and Chicago. This was his famous Black Empress that created such interest at the special exhibit at the Tennessee State Fair this year. There was also the first Allentown hen of this year, that defeated the originator's \$1,000 hen. These four hens between them have produced some of the most sensational winners in the world

Cheviot Farms is reaching out for quite strongly.

We confess we had expected to see more expensive and finer buildings on a farm so famous. Mr. Brown said, however, that for the present he could not afford both fine birds and fine buildings, and the buildings would answer perfectly for the present, being open front houses of modest character, till he had strengthened himself in all the Buffs and Whites he wanted to import from England.

Asked if he had not imported any Blacks, he replied that he had imported some Blacks, but they were so far inferior to his own that he had given up trying to get any help in Blacks from importing.

He showed us a cock he had just bought in Blacks. The bird had won first at Chicago as cockerel and the year following as cock, but he was in no way equal to the average male bird we saw on the place, being very poor in type as compared with the low-set birds heading other pens. His eye was quite light in color. Mr. Brown said he would use the bird in a short mating and sell the eggs at \$3 a setting.

The Cheviot Farms certainly must be counted among the notable breeding establishments of the land, and it is quite apparent that no stone will be left unturned to keep the stock at the very head of the procession. Mr. Brown remarked that if he could find any better birds than he possessed he would scarcely consider price if he could secure them.

We are doubtful, however, if better birds can be found. We certainly do not know where.

TURKEY RAISING.

ANY one who reads the poultry papers and who is observant of the trend of affairs in the community around him must have observed that the poultry industry is going forward by leaps and bounds. One branch only, that of turkey raising, does not seem to be making the progress it should. And yet the high prices of turkeys at the holiday seasons testify to the fact that this branch of the industry must be profitable. Dressed turkeys at 25 and 30 cents a pound and breeding turkeys at \$5 and \$15 a piece are profitable.

It is a prevalent opinion that turkeys are difficult to raise, and as a matter of fact the loss of small poults in a flock is often very great. We think that there are some reasons for this difficulty that might be overcome. The first thing to be avoided is inbreeding. Whereas inbreeding and line-breeding often produce good results in the raising of chickens, they are extremely detrimental in the raising of turkeys, making the poults weak and delicate, and making it possible for disease to get a foothold in a flock. The most disastrous disease is blackhead, which we think may be prevented by having the male and female lines in the breeding flock absolutely unrelated.

The next important thing is range. Turkeys need it to some degree, some breeds demanding more than others. Bronze turkeys are great rangers and foragers, while the White Hollands and Bourbon Reds are more domestic and will thrive on a more limited range. But they need their freedom from the start and the brood will do better with a

chance to range about the grounds than to be confined in coops after the first few days. If the weather is pleasant we prefer to let them loose from the time they hatch, getting them in at night only. Exception must be made in the case of wet weather, as poults are susceptible to dampness and should be kept in until the dew is off in the morning, and always in rainy weather.

Another enemy of little poults is over-feeding, another lice and another filth. They will do better to shift quite largely for themselves in the matter of food, having a light feed of hard grains at night with plenty of oyster shell available. Perhaps more turkeys are lost from lice than from any other cause. They should be dusted often with powder and their night quarters should be clean. Feeding places and drinking vessels must be scrupulously clean.

The market is changing somewhat with regard to its demand for size, and this will be an advantage to the turkey raiser. Excessive size in the breeding flocks tends to difficulty in raising the poults. The market is beginning to demand eight and ten-pound dressed birds, probably because of the high prices. It is easier to raise more of these medium-sized birds than of the larger ones, and the more domestic breeds fatten easily at that size.

The Bronze is a very popular bird, especially for large ranges. The White Holland is crowding it for first place among those who like a domestic turkey. In the last few years the Bourbon Red has risen to favor, having many excellent qualities and being very handsome as well. The other four varieties are all raised to a lesser extent.

But whatever variety is chosen there is great opportunity for growth in the turkey industry. The demand is unlimited, the profits are good, and it is possible to learn success in the management.

M. A. Dartt.

BLACK TURKEYS.

I have raised the Black turkeys for eight or nine years. Before that I raised the Bronze for several years. I must say that I would not change the Black for the Bronze again by any means. If anything I think the Black turkey a more healthy fowl and easier to raise. It is larger than the common Bronze, mature toms weighing about forty pounds, and mature hens about twenty-four pounds.

The Black turkey is quite gentle by nature and does not ramble any farther than the Bronze. I have a hundred head this year and they come up nearly every night. They would come home every

"ENTERPRISE"

MEAT AND CHOPPER

The most useful of kitchen helps—an invaluable aid in sausage making. It actually cuts anything that goes through it—meat, fish, vegetables, fruit, etc. Strong and simple. Made in 45 sizes for hand, steam, and electric power. No. 5, small family size, \$1.75. No. 10, large family size, \$2.50.

Also makers of "ENTERPRISE" Bone, Shell and Corn Mills, Sausage Stuffers and Lard Presses, Coffee Mills, Raisin Seeders, Fruit, Wine and Jelly Presses, Cherry Stoners, Cold Handle Saws, etc.

The "ENTERPRISE HOUSEKEEPER" contains over 200 recipes. Sent anywhere for 4 cents in stamps.

The Enterprise Mfg. Co. of Pa., Dept. 33 Philadelphia, Pa.



No. 5
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Look for name
"ENTERPRISE" on
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DIVINIA'S

EXHIBITION BARRED ROCKS

I am offering the cream of the season's crop of grandly bred chicks, all rich in the blood of Boston, Madison Square, New York, and Missouri State winners. Both cockerel and pullet bred birds, large and full of quality. My new annual catalog free for the asking, illustrated with tone to life photos.

S. T. DIVINIA : : : ROUTE 2A : : : ST. JOSEPH, MISSOURI

HUFFMAN'S

Bluette Barred Ply. Rocks

Have won in strong competition at the best shows for over sixteen years Grand breeding cockerels and pullets for sale at reasonable prices. Exhibition birds that will win, the finest I ever bred down-to-date. Write for prices and particulars. I guarantee satisfaction.

A. D. Huffman, R. 33, Wanamaker, Ind.



BLAKER'S BARRED PLY. ROCKS WIN

Do you want a winner for your show? We have five grand show rocks, eighteen exhibition cockerels, sixteen exhibition hens and twenty-two crack show pullets, rapidly rounding into show shape, the cream of over 500 head. They are being conditioned with the same care and skill that was used by me in fitting E. B. Thompson's great Madison Square winners during my two seasons with him as head poultryman. These birds are fit to show anywhere, are the down-to-date new standard kind; clean, snappy, narrow barred, elegant shape, low even combs, rich eye and leg color. Many are direct descendants of Madison Square Garden winners. We also have hundreds of select breeders and fine utility birds. Our 32-page page catalog tells all about us and the matings that produced these fine birds.

A. E. Blaker

Route 2, Box A

Parsons, Kansas

night if it were not for the many wire fences. Some nights they will become confused and run up and down the fences, trying to get over and come home. I raised my hundred birds from ten hen turkeys and did not get near all the eggs to set. So they are good layers and the young are easy to raise.

As to my methods of raising turkeys, in early spring I gather the eggs as regularly as possible so as not to have them chilled. When I get some forty or fifty eggs I put them under chicken hens and a turkey hen that are ready to set, and let the turkey have all the little ones when hatched. I do not feed until forty-eight hours old, then soak stale bread in water until soft, squeeze dry and feed with milk curd cooked for them

pose of increasing the interest in the Bourbon Red turkey, of perfecting them as a special variety, and of putting them among the foremost varieties of fowls.

The membership fee is \$2, which includes and covers annual dues until October 1, 1910.

SOME INFORMATION ABOUT TURKEYS.

Mr. J. C. Clipp, Saltillo, Ind.

Dear Sir: Seeing your article on the turkey question in the November number of the American Poultry Journal I beg to ask a few more questions which were not mentioned. I am much interested in raising turkeys, but it's new business, therefore haven't been very suc-

not to feed poultts but a very little amount of food, and not any until they are at least thirty-six hours old. I prefer turkey hens for mothers; they understand the requirements of the poultts much better than the "chicken" mothers. In taking care of the poultts I first select a rice large grassy lot, where the grass is short; then prepare a roomy coop, so that the poultts will have ample room to scamper about without coming in danger with the mother's great feet and being mashed to death. The first feed I give is curd milk. Sometimes wheat bread softened with sweet milk. But I feed them very limited. Cut onion tops very fine and mix with the soft bread and season with black pepper. I feed this food morning, noon and night, but in a very limited way, as poultts would kill themselves within a week if fed all they will eat, as they have appetites like an ostrich and will overeat themselves very quickly. The majority of turkeys hatched over the country are killed by overfeeding, in a majority of cases turkey poultts will do much better to just turn them out with the mother turkey and let them run at will. Yet it is best to keep the poultts up out of morning dew and rain storms. I keep grit constantly before them and if there is no charcoal any ways near where they run I prefer fine charcoal for them. They will eat of this very eagerly. If you have range for your poultts don't feed them anything except a light feed at night after the poultts are three weeks old, and then see that the food is pure. Good, plump, sound wheat is fine for poultts. Never feed turkeys stale wheat; wheat that has been damaged from any cause is almost certain death to turkeys. I find that poultts will not bear handling. Never handle your poultts only when absolutely necessary, and then with the utmost care. Lice is one of the greatest enemies of turkey poultts and should be watched with a most skillful eye. The reason the amateur turkey grower fails to find lice on turkey poultts is because the lice is near the color of the poultts, consequently very hard to find by anyone not experienced in the turkey business. If you will look between the flight feathers of wings when poultts are about four days old you will find them in abundance, as they will run and hide as soon as you disturb them. The long, gray body



S. C. White Orpington pullets. J. S. Haupt, Easton, Pa., breeder of R. and S. C. White, Black and Buff Orpingtons.

until they are two or three weeks old. I then feed corn bread and wheat bread dry.

To my mind the best thing for turkeys is plenty of good range and freedom. Do not confine them any more than you can possibly help. Keep the lice off and turkeys are not so much trouble as a great many think.

Elsberry, Mo. Mrs. Joe Burger.

BOURBON RED TURKEY CLUB.

If you desire the advancement of the Bourbon Red turkey then join the National Bourbon Red Turkey Club, which has been formed with Mrs. G. U. Price, Belmont, O., as acting president, and Mrs. Minnie M. B. Brown as acting secretary and treasurer, until such a time as members of the club shall decide upon a time of election of officers and of forming a constitution.

This club is organized for the pur-

cessful, but hate to give up. I've a good start with White turkeys, one tom and three hens, if I care to keep all. Are they the best to raise? How do you rid them of lice? How do you house them, and do you keep them up until the dew is off or rainy weather? Do you feed at all when taken off and what kind of feed? We have six acres in orchard, besides grain and pasture field in which they can go. Thanking you very much for whatever advice you may offer.

Yours respectfully,

Mrs. D. R. M.

Ans.—I have tried, I suppose, every known plan for feeding turkey poultts and have settled the question in my mind into one way of feeding and managing our poultts. I have fully decided and believe I am right in stating that the nearer we imitate nature in managing and feeding turkeys the better success we will have. I have long since learned

THE ONLY INCUBATOR CONSTRUCTED ON THE RIGHT PRINCIPLE—Let Us Tell You Why

THE lamp is underneath—in the center. Thousands of thermometer tests prove the heat to be *uniformly* distributed—exactly the same in corners as in center. No other incubator will stand this test. The lamp on side is always a bother on others. The X-Ray oil tank holds one and one-half gallons—guaranteed to be enough for a complete hatch with the X-Ray Incubator. Fill the tank at the start, and no more filling—no more trouble—no more time or work necessary.

Other incubators *waste* the heat. That's why they burn 3 to 5 gallons of oil every hatch. The X-Ray controls the heat. That's why one gallon of oil is enough. Other incubators keep the flame at the same height and allow the heat to escape when it gets too hot. The X-Ray automatically cuts the flame down at the burner. That saves your oil. Figure how much the saving is every season—for you.

X-RAY INCUBATOR COMPANY,

The X-Ray Incubator opens from the top—the *only perfect* system of ventilation—just like mother hen. Eggs are *easiest* to turn—no need to remove them. That means less egg-handling. Temperature restored in 15 minutes—while other incubators take 4 to 8 hours to "heat up." Thermometer *always* in sight. Best in principle and best in construction. Enameled-steel-covered; beautiful rosewood finish—bottom and all. Steel legs—not wobbly, wooden ones. Double glass door at top.

But get our book—Free Trial, and Freight Prepaid offer—if you are interested in the *only perfect* incubator.

X-Ray Brooders are constructed on the same principle. Write us a postal now, to find out all about both. Thousands in use—we'll show you many letters. But write now.

1st Street, Wayne, Nebraska.



ONE FILLING FOR A HATCH—LAMP UNDERNEATH

Golden Wyandottes McDANELL WINS

OLD HOMESTEAD FARMS

J. H. McDANELL, PROPRIETOR

ROUTE 2, WARSAW, KENTUCKY

AT THE GREAT CHICAGO SHOW

Here they meet—the most brilliant and successful show of high class Golden ever cooped in America. Golden the great attraction at the big show.

First cock, silver cups for best shape male and female, special for 4 best cockerels, two cockerels, two hens, silver cup for best display, first pen and many other regular and special prizes. Farm raised stock. Eggs booked now. Catalogue free. Write your wants.

house you will find on neck, most likely under the throat, on back directly between the wings, and on the body near the vent. Apply a drop or two of lard or butter and the lice are at sea for a time, only to appear in untold numbers again in about four days. Remember, it's a constant fight with lice if you raise turkeys. No turkey poult can live when covered with lice. If you will apply a small quantity of lard at night on the poults and dust the hen well at the same time with some reliable insect powder, the lice will certainly be com-

and must be allowed their wild habits. Feed them but little and keep them free from lice and you should be able to raise the larger per cent you incubate. Salttillo, Indiana. J. C. Clipp.

IS IT A FREAK OR FRIGHT?

You, or some of your readers, may be able to answer the above question. In a brood of nine chicks is one which failed to feather out like the rest, and thinking possibly that lice were the cause, gave him, her or it an applica-

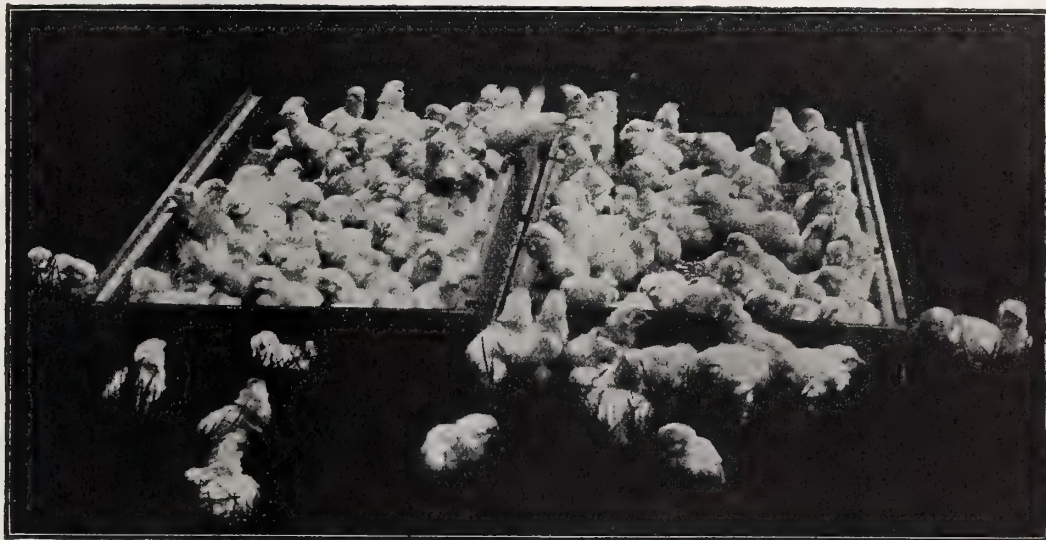
was hatched in June. I will not make arrangements to start a dime museum until I give Journal readers a change to compete. Hoping to learn whether there is a cause for this freak or whether nature has made a blunder like common mortals, I am,

Yours truly,

C. E. Goodwin,
Ashtabula, Ohio.

Chickens Feast at Night.

Every night about two dozen chick-



A SINGLE EARLY HATCH OF LIGHT BRAHMA CHICKS, RIVER HOME POULTRY YARD, PERRYSBURG, OHIO.

pelled to vacate for a short time at least. Never under any circumstances house your poults or turkeys of any age. Of course, you will be compelled to coop the poults at night until they are old enough to fly up on fences or trees, and then never house them any more. I never house my turkeys, regardless of the weather, except sleety weather, when the rain and ice freeze on the feather; in that instance I drive them in an open shed or a large, roomy stable, but never house them. If weather is dry, cold, or even snowing, turkeys will keep much healthier if allowed to roost out in the open. Turkeys are very wild in nature,

tion of equal parts of coal oil and sweet oil, with a few drops of crude carbolic acid added. The body is more than half bare, with one or two stub quills in each wing, the right one being elevated from the body. The right wing, I think, is raised by a drawing of the skin caused by the crop being located a little to that side. The oil was applied twice on the head and under the wings, followed each time with an application of lice powder. At one time the bird (or "it") looked as though there were stumpy feathers starting on the back, but there are no signs of feathers there now, August 9, and "it"

ens at Walkersville, a suburb of Shelbyville, Ind., fly from their roosts when the electric lights are turned on, and for three or four hours they catch the bugs that fly around the lights. These chickens have been working overtime for two weeks and have been attracting considerable attention.

Did you ever see any better White Rocks than Halbach's?

Easling, as usual, "all the way" in the White Leghorn alley.

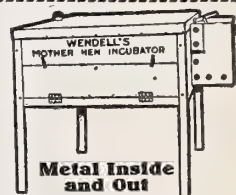
We lead, others follow.



Mother-Hen Incubators and Brooders

Our Incubator is covered with galvanized iron inside and out. It is padded on the inside and out with asbestos board and paper. It holds the heat, saves oil and maintains an even temperature—you don't have to set up nights with it—self-ventilating. If you want a cheap machine don't bother us, we are busy. Our BROODERS are the first invented that provides a warm flannel to lay on the chicks back—mother-hen. No steps to climb, no crowding, all metal. Send for our Book No. Z "The Incubating and Brooding Question Solved."

AUTOMATIC HATCHING COMPANY, Holly, Michigan



WHITE ROCK WINNERS

Madison Square, Jamestown, Indianapolis, Chicago, Toledo and Detroit

My birds have won and won well at these and many other shows for many years. All the stock I offer you are the progeny of winners, so were their grandparents and great-grandparents. I have an unusually good bunch of old and young birds fit to show anywhere. I am quoting special prices for this month on a few yearling hens and a large lot of good breeding cockerels and pullets in order to make room for my breeding pens. Remember, everything sold guaranteed to please customers or may be returned at my expense. Write today for special prices, show birds or breeding stock. Send for my fine 32-page illustrated catalogue, free for two two-cent stamps for postage.

LYMAN H. HILL - - JACKSON, MICHIGAN

"REGAL" WHITE WYANDOTTES.

A Visit to the Home and Yards of Mr. John S. Martin at Port Dover, Ont.—The Stock and Their Winnings—A Strictly Fancy Plant That Has Made A Reputation and Brought Fame and Success to the Owner.

By H. P. Schwab.

THERE are several places on the poultry map that have particular interest for the poultry fancier. The States have their full share, each has its special claims to the fame of some of its breeders. We can name several where the poultryman's interests are the principal feature of the town, and where yearly the eyes of the poultry world turn to for news and with hopes of better things. But in these days there is more than the States to consider, for along our northern boundary lays the Dominion of Canada, which has been long and favorably known for the quality of its breeders. We have before referred to the Canadians as being intensive fanciers and breeders, and this same claim is made here. Their success can well be traced to detail, of which they are masters, and after again for the third time viewing their great "Ontario" show are free to say that for the amount of birds grown they surely produce a great number of very high grade birds.

The extent to which the poultry breeders of Canada have succeeded is but barely known over here, simply on account of the failure of the breeders to advertise and to show their birds with us. There are some exceptions to

this rule, and these exceptions are the ones that have made the greatest success among all the Canadian breeders. Foremost among these we can well men-

tion the line, and in most foreign countries, and you will find that the "Regal strain" is well and favorably known. For many years we have met them at



tion Mr. John S. Martin, of Port Dover, Ont., originator and breeder of the "Regal" White Wyandottes.

Go where you will on either side of

some of our best shows, either shown by Mr. Martin himself or in the hands of customers, and in every case have found them a credit to the fancy and

A THING OF BEAUTY AND JOY FOREVER NOFTZGER'S PARTRIDGE ROCKS

Can you imagine this most beautiful bird with its feathers most beautifully and delicately penciled with dark brown on a mahogany brown, making a rich chestnut coloring effect with a beautiful sheen that shines like satin? If you can imagine this, then you know how beautiful they are, and then you will want to go to the originator of this breed to secure further information. He breeds the best there is, as is proven by the fact that he

Won Again at the Big Chicago Shows

all first and second prizes, also 3 thirds and 3 fourths. He not only has a few good birds but hundreds of them, and he has less culls and more show specimens than are found in the average flock of thoroughbreds. To this fact many can testify. Judge Zimmer and others have remarked about this fact in visiting his yards. Remember this, also the fact that they are great layers, docile, easily confined and embody all the good qualities of any other variety of the Rock family, and we think you will decide you want **PARTRIDGE ROCKS**. Naturally you will want stock from the originator. He is just issuing a handsome illustrated book telling all about these fine birds, giving history, etc. Send for it today. Hundreds of birds for sale. Mated trios and pens. Write for prices.

S. A. Noftzger, North Manchester, Ind.

the breeders. Right here in this is the foundation of the success Mr. Martin has made and which he so richly deserves.

We have long wanted to see the "Regals" at home, so this year on our annual visit to the "Ontario," Canada's greatest show, we arranged to go a day ahead, and now feel amply repaid, for in that day's time had the opportunity to inspect one of the very best flocks of White Wyandottes existing today. We were so well interested in this line that just 19 of the 24 hours were spent in examining the birds and in talking chickens.

On the home place we saw about 800 birds and close to 300 on a nearby farm. The general average was excellent, all showing the most careful breeding and handling. Wyandotte type being foremost, closely followed by color, here also as a general feature combs and eyes need mention. A strong eye, with good head points on White Wyandottes in particular, are a feature not always noted, but when had are a most desirable feature and of special value to the flock.

We here personally handled some 150 birds. Many of these were sold birds being conditioned for shipment, and also close to 50 that were being fitted for some great show. From these we have selected some for a special mention, but most of our remarks will apply to the general flock as seen, so that the reader can best judge of the "Regal" quality as whole: Crusader 111.—Cock A, cut of which is seen in Mr. Martin's advertisement, was one of the first to attract our eye. This noble fellow has made his mark in the show room and fully deserves all that the editors have said of him, along with snow white plumage he has the perfect Wyandotte type shown in the cut, grand in breast, back, body and tail; in fact we failed to note a defect in his formation. The tail has the Martin finish that just suits our ideal. Comb well set, fine shape and typical. These same characteristics were strongly bred in the 12 to 15 sons of him we also handled. They were alike as could be and promise to perpetuate the Crusader line with more honors for the future.

Besides this noble cock we handled 10 or more others that were being fitted for the show pen and breeding yard. We would here also mention the yearling cock that won first as cockerel at the 1908 Ontario, head points ideal, beautiful breast and back, and a tail that for shape and finish was as grand as we ever hoped to see. These cocks are not only full and deep, but also have a width of body that conforms with their depth. The first New York State Fair cockerel was here in a roomy pen. Here again shape, with extra size, appealed strongly to us; he is a grand big fellow of the rarest kind, his every line a feature, comb beautiful, strong red eye and pure yellow legs. In the next three pens were seen other cockerels, never shown, that are coming rapidly, and that will show strong in January.

One of the first pens that greets the visitor in the long house contains 14 hens that were at this time being groomed for the show. Here were winners with long records and others equally as good awaiting their call to prove their quality. The next pen contained 12 hens, while the two following pens each held 12 pullets, all being

groomed by the hand of the master, and every one of type and quality. Among these four pens of females Mr. Martin pointed out winners of the past. Here we again saw the second Boston, 1907, pullet as a beautiful hen; the great Ontario winners of last year, as well as the New York State Fair winners of both this and last year. In both type and color we found here all that is desirable. This added to the "Regal" characteristic of head points, including strong eyes and extra good colored beaks and legs, will always prove them to be strong contenders in any company.

Other males and females in the

colony houses and those still out on the range were of the same high grade quality. It simply was seeing a carefully bred flock along Standard lines that have most satisfactorily answered every condition imposed upon them. They fully combine every quality desired, and this kind of breeding has brought Mr. Martin fame and success that is so well deserved.

Mr. Martin's show record is a long one. For years he has either shown or sold winners for many of our best shows. His ten-strike has been made at the New York State Fair. During the past four years here he has won 20 first prizes of a possible 24, and 49

Friend: This is My Double-10-Year Guarantee to You

I Guarantee every Ideal exactly as I say, or your money back. For 10 years I will replace all Ideal parts, if defective in materials or work.

Over 80 Per Cent Hatches

Here's how my customers prove up my ideals:

Mrs. F. E. Buell, Charles City, Ia., got 103 chickens from 105 fertile eggs.

J. S. Haley, Eutaw, Ala., got 132 chicks from 138 fertile eggs.

Read all dated letters in my free book of Honest Facts told by my customers.



J. W. Miller
Personal Owner

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YOU—man or woman, friend-of-mine-to-be—can find how profitable, easy, satisfactory and creditable it is to be in the chicken-raising cash business, with Ideal Incubators and Brooders, if you'll send me your name for my Big, New 1910 Ideal Incubator and Brooder Book.

Don't let yourself miss my this-year's book. Beginners and old-time-experienced Poultry Raisers tell the story—with photographs and helpful advice, which will prove how you can start right and make the most money.

Only \$7.50 to start. Why pay more? Quick delivery—freight prepaid—complete—ready to hatch with. No disappointments.

This price based on my new 50,000 capacity. Write today.

I have something NEW to tell you about 1910 Chicken-Raising for BIGGER PROFITS this year. Let me write it to you PERSONALLY. I tell you the Freight Prepaid Price of my Ideals HERE (Only \$7.50 Complete—No Extras). But let me Write You My Own Chicken-Raising Best Experiences. And Also Send You My Big, NEW 1910 FREE BOOK.

Address me Personally—J. W. MILLER, Proprietor
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Send me your Big, Free 1910 Ideal Incubator and Brooder Book—postage paid.

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State!.....

IMPORTANT. Cut or tear out and mail me this Free Coupon or Postal, or write me a letter right away to Get Ready, and get my Lowest-Factory-Capacity Price—Freight Prepaid—complete, if you want my Incubator at only \$7.50 when you read my book.

YOU need not pay more than \$7.50 now, complete, freight prepaid, for the highest-grade, 10-year-guaranteed Ideal Incubator. My price is now based on 50,000 capacity. Every machine guaranteed perfect—direct to you. Ideal to start. Runs itself, with least watching. Handsome, substantial, safe; galvanized-steel-top, ends, sides and bottom; covering best-seasoned-wood case—insulated perfect; heavy wool felt, making hatching sure in any climate. Tubular copper tank and copper boiler. Perfect circulation; no cold corners or hot centers. Metal-jacket heater-head uses heat twice, saving half on oil cost. Most convenient egg trays and nursery. Every part made on combined best experiences of thousands, so you can hatch and raise the most strong, healthful chickens with

1910 IDEAL INCUBATORS and BROODERS

(120, 175 or 240-Egg Capacity)

CAUTION.—Don't confuse my low price with "knock down" prices, or experiments, or "cheap built" machines. Ideals are as high quality machines as can be made for most practical use. You get my 50,000-capacity savings in the price of one. I bought 12 tons of copper before the rise—also steel (enormous quantities), also wood, long ago, to season it properly. That's the only way I could make you such a machine at such a low price.



ONLY
\$7.50
(120-Egg Capacity)

COMPLETE

(Ready to Use—No Extras to Pay)

FREIGHT PREPAID

(East of Missouri River, north of Tennessee. Freight allowed that far on points beyond.)

Facts You Should Know

1. No extras to pay for. Comes complete, ready to use.
2. Automatic regulator—FREE.
3. Automatic ventilator—FREE.
4. Metal Lamps; Egg Testers; Thermometer the best made, to get the most strong chicks—FREE.
5. See free catalog for the whole story of Ideals.

other regular prizes, and for three years has also won first display. At the "Ontario," Guelph, Ont., December, 1907, and December, 1908, he won every first prize offered (eight), six of the eight seconds and four of the eight thirds, also four \$50 challenge cups, three silver medals and nearly all other specials. Of his winnings at Boston, January, 1907, Mr. Martin in his catalogue says:

Boston, Mass., Jan. 14-20, 1907.—At the National White Wyandotte Club Show nearly \$500 was offered in specials, which brought out a wonderful class in numbers and quality. Regal IV., by defeating the champion males of the United States and Canada, has justly won the title "World's Champion." He won first prize, shape special for males, and several other specials. The committee of judges also awarded him the Bronze Vase, presented by the Japanese government, for the best bird in the show; 5,000 birds on exhibition.

I was also awarded second and special on pullets, and commended on cockerels. Here I only entered seven birds in the open classes, and to be eligible for best display I should have entered ten. However, I received 6 points more than the exhibitor who won the prize for best display.

Of "Regal IV." Artist F. L. Sewell says:

"In looking among the long rows of Wyandottes at the last Boston show for typical specimens with which to illustrate the new issue of R. P. J.'s Wyandotte book, we marked the first winning white cock as one of the nearest ideal males that have ever appeared at Boston. This grand old bird was selected by the judges as worthy of the special for best bird in all the Boston show of 1907, the award being the fine bronze vase given by the representatives of the Japanese government."

This is the best part of the Regal winnings since 1908, and they are only a duplicate of their earlier show record. Mr. Martin is now preparing his annual catalogue. This catalogue will contain further information of this line and should be in the hands of every breeder of White Wyandottes. We have for

years known Mr. Martin as a personal friend, we admire him as a man and as a breeder, and in particular for what he has done for the good of the general poultry interests.

THE VALUE OF TRAP-NESTS.

The benefits derived from trap-nesting your flock are many. The foremost reason for the use of trap-nests by fanciers and practical breeders is for selecting the best layers and then breeding from only those which show a persistent tendency to lay.

There are many other good reasons in favor of trap-nesting which are applicable to the utility breeder as well as the farmer. To those unfamiliar with trap-nesting, it seems a great bugbear and laborious work. True, there is work to it, but nothing worth while was ever accomplished without a certain amount of work. The poultry business in general is no exception to this,—it is largely made up of detail work. For that reason we would not advise the installing of trap-nests by a person who is not willing to be "bothered" with the care of little things. Neither would we advise anyone who is of too anxious or "fretty" make up to use them. They would wear themselves out with too much anxiety and elose attention.

By the use of trap-nests the drones can be easily detected and weeded out of the flock and marketed, which will prove much more profitable than feeding them. The hens laying small or imperfect eggs can be culled out and placed in a pen by themselves. At the breeding season their use is invaluable to the careful breeder. The pleasure and profit of becoming on familiar terms with your hens is incalculable. If not already tame, they very soon become so and experience has taught us that hens that are tame and easily handled lay more eggs than the wild and "scarey" ones. In small flocks it ought to be as easy to pick up one of your fowls as it is to pick up the family cat. You also discover by handling your hens if any are seemingly too light or too heavy, and you

can watch them and ascertain the cause.

Trap-nesting gives the very best opportunity to look over your flocks for lice, etc. and dust them frequently. It is much easier to keep them free from lice by frequent dusting in this way and it is a much saner way than taking the whole family out to the hen house after dark with a lantern and a big "Hurrah" about once a year and half doing a job, the effects of which will not last more than two weeks, when the "nits" begin to be in evidence again. Eternal vigilance is the price of freedom from lice.

Interest the children on the farm in the poultry and as soon as they are old enough to read the numbers on the leg bands, they can be pressed into the service of looking after the trapping. It will fascinate them. Trap-nests are not expensive. The most ideal kind are easily made from boxes and can be placed anywhere. It does not take a carpenter or mechanic to make them either. Get one of the boys who is handy with tools interested and he will find much pleasure in the work. These nests are easily locked back and can be used as open nests at any time. In fact the trap-nest takes the place of all your old time nests and takes hardly as much space. We find also that the hens like them. It is a case of "one at a time," and they seem to enjoy the seclusion which the trap-nest affords. The use of them eliminates the egg eating habit from the flock. Broodiness can be discouraged or encouraged by their use. To the large or small breeder the trap-nest is an indispensable poultry house appliance, and once used will be found ideal in every sense of the word.

(Miss) Jennie C. Jones.

Paris, New York.

Fred Styers, Greensburg, Ind., the well known Columbian Wyandotte breeder, is advertising birds of real quality in this issue. Mr. Styers has won more prizes on birds of his own breeding at New York, Boston and Chicago than any breeder of this variety, and he is prepared to supply eggs for hatching from the best matings he has ever had. Write him for full particulars and mention American Poultry Journal.

Houdans

every case or money refunded. Stock and eggs at all times. Please mention American Poultry Journal.

DR. G. W. TAYLOR - BOX A - ORLEANS, INDIANA

STOCK

Minnehaha Poultry Farm

McNary & Smith, Proprietors

Illustrated Literature Free : Box 15, Bannock, Ohio

EGGS

ANCONAS

The "egg machines" in pairs, trios or pens—try them! You will not regret it.

S. C. White and Black Orpingtons

We can still spare a few Whites --act quickly.

A choice lot of Black Cockerels at reasonable prices.

Our Winnings

At such shows as Cincinnati, Wheeling and Cleveland unquestionably prove that we have

The Quality

R. I. REDS

Hundreds of young stock — what do you need? State plainly and we will quote prices

We are booking many egg orders for later delivery at \$3 per setting. Don't delay your order but send it in at once, with a deposit of one-third cash with order.

The Lullaby Brooder



Delivered to your address
all charges prepaid for

IN
OPERATION
FIRST DAY

\$1.50

HOVER-BREAKING
SECOND AND
THIRD-DAYS



**BROODS
LIKE A
HEN**

The LULLABY solves the problem of brooding. Practical poultrymen pronounce it the finest brooder they have ever seen and those who have tested it say that they have been unable to secure as good results with any other brooder they have ever used. It is adjustable and grows with the chicks, taking care of them at every stage from the incubator to the colony coop. It is adaptable to every condition of poultry raising

and is just as valuable on large plants as on small ones. It will brood the chicks through the coldest winter weather out-of-doors, simply by providing a water-proof box to keep out the wet and snow. No other brooder is so sanitary. Your insurance rates are not affected in the slightest by its use, because no artificial heating of any description is required to operate it.

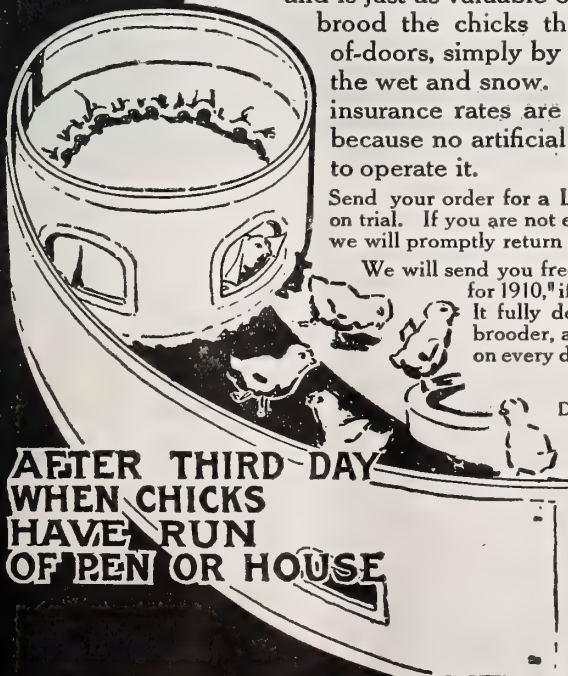
Send your order for a LULLABY BROODER on trial. If you are not entirely satisfied with it, we will promptly return your \$1.50.

We will send you free our "Poultry Almanac for 1910," if you mention this paper. It fully describes this wonderful brooder, and gives expert advice on every detail of poultry keeping.

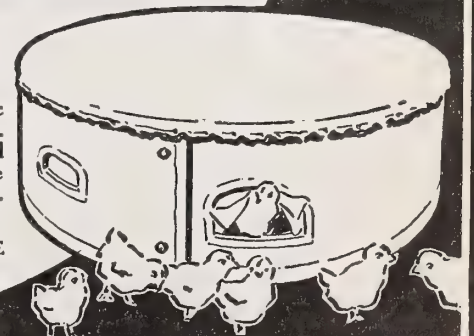
SOLD BY
DEALERS EVERYWHERE
OR DIRECT OF



**INSURES
AGAINST
GERMS
AND
WHITE
DIARRHOEA**



**AFTER THIRD-DAY
WHEN CHICKS
HAVE RUN
OF PEN OR HOUSE**



**ENLARGED TO TAKE
CARE OF THE
GROWING YOUNGSTERS**

THE PARK & POLLARD CO.
46 Canal and 139 Friend Streets BOSTON, MASS.

Fishel's White Plymouth Rocks

The Best in the World

The name Fishel is a synonym for the "Ideal" of perfection as found in the standard White Plymouth Rock of today. On another page in this issue will be found a full page illustration of a prize-winning pen of White Rocks showing the ideal type as will be demanded for the White Rock in the new standard.

Mr. Fishel being a specialist of this variety and a breeder for the past seventeen years, it naturally follows that he should have the best that could be produced in this variety. That he has succeeded, the full page illustration in this issue will bear out the statement that he is justified in his claim of "The best in the world."

Note the desired long back and the correct carriage of the tail for which breeders have been striving for years.

unknown among the birds at "Fishel-ton." In the office also is to be found "system." Everything passes through Mr. Fishel's hands and receives his careful and prompt attention. No detail, no matter how small, ever escapes his watchful eye.

To this one word, "System," we attribute the wonderful success which Mr. Fishel has attained in his business of producing his "Best in the world" White Rocks, and he personally selects and superintends the selection of every bird which leaves his farm. He has made shipments to thousands and thousands of satisfied customers throughout the whole world during the past seventeen years which he has been making a specialty of this deservedly popular variety, having shipped birds to Alaska, Australia, New Zealand,

ailments with which poultry is liable to be afflicted.

In his ad, to be found elsewhere in this issue, on page 1037, he is making a special drive on 1,500 choice breeding and exhibition cockerels of the new standard type, and if you are in need of a cockerel for improving your flock here is your opportunity. He is also prepared to supply you with mated trios or pens.

You will find his ad appearing regularly in the columns of the American Poultry Journal and by addressing your inquiry to U. R. Fishel, Box A, Hope, Ind., you will receive a prompt reply to same.

DOES IT PAY TO USE TRAP NESTS?

How can anyone make a success of the poultry business by selling the 200-egg hens to the butcher and keeping the 25-egg ones to breed from, or by keeping a lot of hens that have never paid their board and never will? To make a long story short, how can



First prize S. C. Black Minorca cock at Illinois State Fair, 1909.
Bred and owned by W. O. Chase, Hillsboro, Ill.



First prize R. C. Black Minorca cock at Illinois State Fair, 1909.
Bred and owned by W. O. Chase, Hillsboro, Ill.

Anticipating in advance that a change would take place in the new standard, he has bred that desired quality into his strain for the past several years, and he has this past season produced 12,000 birds of this type, and one thing that is noticeable is that you can always tell a Fishel bird when you see it because of the Fishel type which is stamped in every individual bird throughout his entire flock.

Mr. Fishel has probably started more people in the breeding of White Rocks than all other breeders combined, and has furnished more birds that have won in the hands of his customers throughout the country than any other specialist of this variety and his large 120-acre farm is taxed to its fullest capacity, and some 200 buildings are required to house this large flock of birds, and eight men are actually employed in the caring for them, to say nothing of the help required to take care of the extensive mail received daily.

Cleanliness and system prevail everywhere and sickness is practically

Java, Germany, England, South Africa, Japan and China, and he could justly claim "The sun never sets on Fishel's White Rocks."

The success of Mr. Fishel could not have been made and the sales to these various people throughout the world would not have been consummated had he not been a generous advertiser in the various poultry publications. In fact, his success is mainly due to his being a persistent advertiser and a user of large advertising space.

He was the first poultryman to commence using full page advertising space and he not only uses large space but he is a believer in and uses the best printed matter in following up his inquiries. He issues one of the hand-somest catalogues of any breeder of fancy poultry, and asks you to send two dimes for this catalogue, but it is well worth it, as it is a veritable mine of valuable information for the poultry breeder. Not only does it contain fine articles on "how to care for poultry" but it also has many of Mr. Fishel's own tried remedies for curing various

anyone make a success of any kind of business by throwing away money? It will be money in your pocket to look up Geo. Stirdivant's ad. on another page.

A HUMMER.

You can get American Poultry Journal, Commercial Poultry Journal, American Poultry Advocate and Poultry Item—a \$2 value—all four for \$1. Better take advantage of this combination and send your subscription to American Poultry Journal, Chicago, Ill. Complete details on another page of this issue. This offer is good for renewals as well as new subscriptions.

Charles C. Wine, proprietor of the Valley Farm, Mount Sidney, Va., exhibited two of his Barred Rock males at the late Washington, D. C., show and won first cockerel and fourth cock, and this in a strong class. Better write him for prices on Barred Rocks and S. C. Brown Leghorns. He guarantees satisfaction and has the stock to back it up.

Here at Last
is the
Perfect
Incubator



100 EGG Incubator \$7

CHICK OUT DOOR BROODER \$4
BOTH, FREIGHT PREPAID, \$10

The greatest hatching machine ever built. Result of 20 years study and experimenting. Thousands in successful operation. Sensational results achieved. Poultrymen simply wild over results. News of phenomenal hatches the topic of conversation everywhere. Oldest and most experienced heads amazed. **Thousands starting in business.** All making money raising chickens for market—breeding—selling. No speculation. No doubt. We take all risks.

107 CHICKS FROM 108 EGGS

Mrs. Peabody got 107 live, strong, sturdy chicks from 108 eggs. Writes: "I'm greatly delighted. Advance the greatest incubator out. **Making lots of money.**" Hundreds of enthusiastic letters pouring in. Read a few elsewhere.

Two Hatches Free. Five Year Guarantee

with every machine. Has double wall with heavy wool felt lining. Perfect hot water system. Copper tank, self-regulating lamp and thermometer. No trouble. Less oil needed. Ventilation perfect, insuring big healthy hatches, strong healthy chicks. Substantially built—best material. Stands years of use. Built on scientific principles by experienced men. Each machine thoroughly tested before

Read here what users think of the Advance Incubators

I am well pleased with my incubator. I have had three hatches averaging 100 chicks from 110 fertile eggs.—Mrs. E. J. Birkhead.

With your O Special Incubator I hatched 49 chicks from 52 eggs. Think this is fine.—H. Cavany.

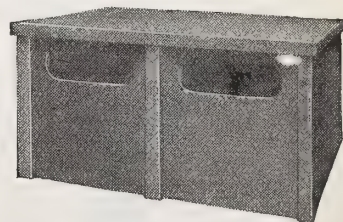
I wish to say that the Advance is perfection. Out of four hatches it averaged 90 per cent. The chicks were all strong and healthy. I raised all of them.—W. H. Weslor.

I must tell you how well I like the Advance Incubator. I made three hatches with it. One gave me 96 per cent, one 92 and one 100 per cent. Who can beat this record?—Mrs. J. G. Dell.

I had never seen a real incubator till I bought one of yours. It beats everything in town. There are five others here, but the Advance tops them all.—Henry Stevens.

I think the Advance Incubator purchased of you is fine. My chickens are as strong as any I ever had. You are at liberty to use my name as reference.—Mrs. D. D. Parish.

The Advance Incubator I bought of you last Spring has given perfect satisfaction. In three hatches we hatched nearly every fertile egg. It is a pleasure to use the Advance and I feel I can highly recommend it.—S. Berge.



Out-Door Brooder

shipment. Biggest money maker out. Pleasant, easy work. Start in independent business. Demand never supplied. Advance does all the work. You just take profits. Begin now. Don't wait. Be first in the field. Make these big profits. Never will opportunity be greater. Never a better time than now. Remember our guarantee is back of every machine. **Catalog Free. Write now.** ADVANCE MFG. CO., BOX B, DAYTON, O.

Actual Tests Prove

Powell's Way to Poultry Profit

We put you on the best road to poultry profit, without your spending one cent for the book that has done it for others and will do it for you. Edwin C. Powell's Book, "Making Poultry Pay," is not based on theory—

It is the written experience of a man who has made money by raising poultry. He wrote a book embodying his successful methods. It is now possible for you to get Powell's information and advice, which is an unfailing source of profit, without any expense whatever.

\$1.00 Profit From Every Hen

Mr. Powell in detail gives the income and production of an average hen. These figures are the result of many years' experiment. Before writing his book he confirmed his ideas by years of actual tests. It is an authentic work by a real poultry grower.

WHAT THE BOOK TELLS

What profits to expect. How to take care of fowls. How to select eggs for hatching. How to get eggs in winter. How to pick the best layers. How to feed fowls and chicks. How to hatch and raise chicks and turkeys. How to make big, fat capons. How to build poultry houses. The best breeds to keep. How to keep eggs 10 months. How to keep ducks and geese. The secrets of turkey raising. How to raise squabs and pigeons.

OVER 100 ILLUSTRATIONS

Powell's Plan is Practical

He has studied the principles of the poultry business, has applied them to his entire satisfaction, and the increase of his bank account. *Not a line of theory, but a book full of sound, practical, tried-out advice.*

THIS GREAT POULTRY BOOK and FARM AND HOME 3 Years

All for \$1.00

or "Farm and Home" one Year and Book 50c.

Farm and Home is just what its name indicates—a spicy, practical, up-to-date, twice-a-month magazine. It covers everything that pertains to the farm or garden—big or little, in country or village. The best and most reliable information on household problems, cooking, home-made contrivances, fashions, dressmaking, embroidery, etc. It interests and meets the requirements of the entire family.

Farm and Home is published the 1st and 15th of each month at 50 cents a year. You can thus appreciate the big value in our offer. If your order reaches us before February 1st, 1910, you will also receive our great **Poultry Annual**, covering every phase of the industry, which appears on that date and exceeds in quality and quantity any 300-page book which would sell for \$1.00 to \$2.00. The regular **Poultry Department** in every number of **Farm and Home** is invaluable to all interested. The **Seventy-two numbers** in a three years' subscription to **Farm and Home** make three volumes of over 2000 broad pages. No better proof of the popularity of this semi-monthly can be offered than its immense circulation—upward of three million readers. **Your money back if not satisfied.** Remit by post office or express money order, check or draft at our risk; or if more convenient send dollar bill or one-cent stamps. Address office nearest you.

FARM AND HOME

30 Broadway, Springfield, Mass., or 1468 Marquette Building, Chicago, Ill.

Fill Out This Coupon, Tear Off, and Mail To-day With Your Remittance.

Farm and Home, Springfield, Mass., or Chicago, Ill.

One Dollar Enclosed. Send me "Farm and Home" 3 years, and free copy of Powell's "Making Poultry Pay." This is sent with the understanding that I can get my money back if not satisfied.

Name _____

P. O. _____

R. F. D. _____

State _____

Keep your advertisements as fresh as you do your goods.

ECONOMY BEEF SCRAP THE QUALITY KIND

Guaranteed analysis, 65% Protein. Why not feed the best and get better results from your poultry. Economy Beef Scrap is made from fresh beef trimmings cured by a special process, rendering it perfectly sweet and wholesome and without that fertilizer smell. Contains no hair, hides, tankage or other refuse usually found in the ordinary kinds. Keeps indefinitely.

Price, \$3.25 per hundred; \$1.75 per 50-lb. sack; F. O. B. Buffalo.

On order for 200 lbs. or more we prepay freight east of the Mississippi River.

Write for discount on quantity orders. Sample on request. Prompt shipments.

The Economy Meat Food Co. : : Buffalo, New York

NATIONAL PARTRIDGE WYANDOTTE CLUB.

The first annual meeting of the National Partridge Wyandotte Club, which was held in connection with the Great Mid-West Poultry Show, in the great Coliseum, Chicago, Illinois, December 10th, 1909, was called to order at 3 p. m., with President C. E. George, in the chair, the following responding to the roll call: First vice-president, Earl Henry; secretary-treasurer, Wm. Erfurth; W. A. Doolittle; Dr. C. M. Baskerville; H. B. Hark, manager, Hartman Stock Farm Poultry Yards; George Peterson, W. H. Milward, August Bloese and W. Rodman and Son.

Motion made and unanimously carried, that the secretary-treasurer communicate with the secretary of both the New York

and the Wisconsin State Partridge Wyandotte Clubs, urging their consolidation with the National Club; as a special inducement, the members of said clubs to be admitted to membership into the National Partridge Wyandotte Club, upon the payment of \$1.00 each, which will include the annual dues for the ensuing year.

A motion was made by W. A. Doolittle and seconded by Dr. C. M. Baskerville that the secretary-treasurer, Wm. Erfurth, be appointed election commissioner, for the ensuing year; motion carried by a unanimous vote. W. A. Doolittle suggested that a special fund be raised by a subscription offering of the members present, said fund to be used at the discretion of the secretary-treasurer, for the purpose of continuously advertising the club by circulars, etc., same to be furnished to each member, who will be kindly asked to favor the club, by enclosing said circulars with their personal correspondence pertaining to their poultry business, such as their annual mating lists, catalogues, etc., as a means by which to increase the club membership, also adding prestige to their personal standing in the poultry fraternity; the suggestion was well taken, and a fund of \$50.00 was subscribed by the members present.

C. E. George and W. A. Doolittle were tied on a \$5.00 prize. As a settlement they jointly donated same to be used as a special premium at the next club show.

A committee of three were appointed to draft said club circulars, etc., consisting of President C. E. George, Secretary-Treasurer Wm. Erfurth and W. H. Milward.

A motion was made and unanimously carried that a club cup be offered at every state show, in each state, where the club membership was ten or more.

A motion was made by W. A. Doolittle, and seconded, to extend a vote of thanks to President C. E. George and Secretary-Treasurer Wm. Erfurth, for their efficient services rendered the club. Motion unanimously carried by a rising vote. A motion to adjourn was made and carried.

"PUT ME OFF AT BUFFALO."

Over 800 poultry shows in America this season, but the Great International to be held in Buffalo January 24-29th, 1910, is the only one that is truly international in character and management.

The Canadians are coming over strong, and "Miss Canada" expects to carry back a good share of the cups and cash specials, even though "Uncle Sam" should make a courteous attempt to hold his own in the battle for the blue.

Small flags placed on each exhibit, after the judging is done, will help the visitors to readily distinguish the birds of each country which are sent to this show to uphold the fanciers' reputation in this international tryout.

Originality which has characterized this show management in all its doings reaches the climax in its premium list, 5,000 of which have been sent to the leading fanciers of both countries, who have asked for them.

Those who do not join in the chorus, "Put Me Off at Buffalo," for the Great International will miss a grand old time.

Change of copy is equally as necessary to successful advertising as change of linen is necessary to an immaculate appearance.

Be sure you're right—then advertise.

Chas. A. Cyphers

My Promise to You

I promise you that my new low-priced 1910 BUFFALO INCUBATOR equals any high priced incubator, yet it will be sold for about half the price.

In my 20 years experience as a manufacturer of highest grade incubators, I have never talked price, but always quality. Now it is quality and price.

Often have I been urged to put a cheap incubator on the market, but I could never see the honesty of offering two grades. Invariably I have replied, "When I can make as good a machine as has always been associated with my name and sell it at a low price, I will stop manufacturing the high price machine."

That time has come. It is here. The new Buffalo IS such an incubator. New material and new methods of manufacturing have made the new low cost Buffalo a possibility.

My old wood-working machinery was scrapped. In order to reduce every item of manufacturing cost to the minimum, I even secured a new factory site, thus effecting a saving of \$12,000 a year on the one item of teaming, and other economies in proportion. My new factory is built with the sole view of giving the new Buffalo Incubators and Brooders, Chas. A. Cyphers quality, at half the former cost to my friends and customers.

Construction of the Buffalo.

The New Buffalo Incubator is made of sheet metal and fibre board, indestructible and fire proof, instead of built-up wooden panels—a saving of one third in labor and one half in factory room and machinery. This tremendous cost reduction means big price saving for you and gets an incubator as substantial and as well insulated as any I ever constructed.

Tested Principles Retained.

I have retained the diffusive heating and ventilating system made famous by my former non-moisture designs. The regulator combines the best principles of former regulators; if anything, it is still more accurate and reliable.

The lamp has a self-feeding fount. The burner is on the lines of the notable blue-flame oil burners, and it is so constructed as to be so efficient that it is necessary to touch this burner oftener than once in three days—a saving in time and labor.

Outdoor and Indoor Brooders.

In addition to the New Buffalo Incubator I am manufacturing a complete line of Colony Brooders—the best I ever made, irrespective of cost. Yet they cost one-third less than any I ever made before. The temperature in the nursery is regulated automatically—a thing I have never been able to accomplish in other brooders. I predict that the New Buffalo will be the most popular brooder ever offered poultrymen.

Note These Prices — Atway Below

What You Ever Before Paid for My Incubators and Brooders.

* 50 Egg Size Buffalo Incubator	\$ 8.00	Buffalo Colony Brooder	- \$10.00
* 100 " " " "	11.00	Buffalo Indoor Brooder	- 7.00
* 200 " " " "	15.00		

*The incubators are underrated somewhat, as I give half a square inch per egg more than in my previous machine.

Write me about my complete line of portable, waterproofed Colony Houses, Incubator Houses, Brooder Houses, Summer Cottages, Garages — and everything for the best and cheapest poultry equipment that can be put up.

I want every one of my quarter of a million poultry friends and every owner of a Model, Cyphers or Prairie State Incubator to write me to-day for my advance circular on my new Buffalo Incubators and Brooders. I will inclose with it Bulletin No. 2, which tells of a new poultry discovery.

CHAS. A. CYPHERS, President Buffalo Incubator Co., 4700 Ellicott Square, Buffalo, N. Y.

SELF-REGULATING FURNACE.

Below is an illustration of the Hall Furnace, that is built for brooder house use. This is a hot water heater and is used for long pipe brooder systems. Hot water for brooder systems is a healthful heat for the chicks, and furthermore hot water is less easily affected by the changes of atmosphere in the brooder house, and therefore a more even temperature is maintained in the hovers. The economy of burning coal in a Hall Furnace rather than using individual oil lamps and buying the oil, is a saving every poultryman should consider. And when



the poultryman stops to think of the labor a brooder system will save him, his decision must be in favor of the long pipe hot water system. With it there are no lamps to fill with oil, no wicks to trim, and there are no fumes of burning oil,—and the worry of oil fires. Nothing saves the labor as a hard coal, hot water Hall Furnace.

Coal is a much cheaper fuel than oil, and much safer.

These Hall Furnaces are self-regulating and control the temperature of the water in the pipes to within a variation of one degree. The expanding of the warming water or the contracting of the cooling water controls the regulation of the fire. This method is exceedingly successful. The "Hall" was the first and is the original Self-regulating Water Furnace. These furnaces are sold separately. The Hall catalog describes them, and a copy of it will be mailed free to you on request. You should send for a copy of this new book, as it tells of the successful Hall Brooder System and Hall Mammoth Incubator, as well as the heaters. The Hall Com-

pany is also getting out another new book on the Brooder System and Furnaces, and in writing do not fail to ask for this new edition to their literature. Address the Hall Mammoth Incubator Co., South Columbia, New York.

A REMINDER.

Farm Poultry, Western Poultry Journal and American Poultry Journal can again be obtained for one-half price or 75 cents. If your subscription is about to expire you better renew now, as we do not know how long this offer will last—\$1.50 value for 75 cents. Send your subscription to American Poultry Journal Publishing Company, Chicago, Ill.

Hartman Stock Farm Poul. Yards

COLUMBUS, OHIO

Breeders of America's Best Buff, White and Partridge Wyandottes, Barred Plymouth Rocks and S. C. White Leghorns. A few choice cockerels for sale at reasonable prices. Eggs for hatching after March 1st.



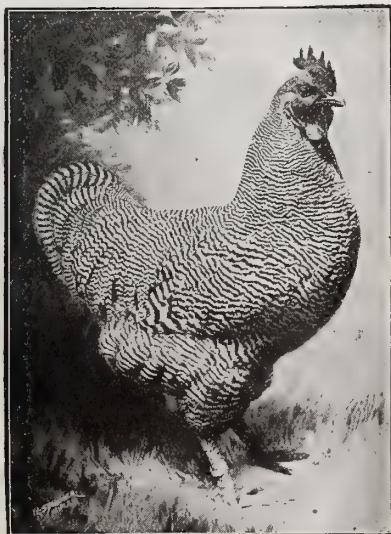
NOTICE



TO ROSE COMB R. I. RED BREEDERS

At the great Chicago show, December 7th to 12th, in the strongest Rhode Island Red class ever exhibited, including both the Eastern and Western breeders, my male "KING PHILLIP" took first cock. My other prizes were as follows: Second hen, third pen, fourth pullet, fifth cockerel. My exhibit of forty splendid Rose Comb Reds of uniform color and type has never been surpassed. I was the only exhibitor winning in every class. Send for free sale sheet. Mailing list will be ready after February 1st. Rhode Island Red Book—Origin and History of Rhode Island Reds; How to Mate and Breed Them, Etc., for ten two-cent stamps, ready January 1st to 12th.

C. L. Buschmann, 4939 North Meridian, Indianapolis, Ind.
NON-FADING ROSE COMB RHODE ISLAND REDS



Spaugh's Result II. 1st cockerel Springfield and Indiana State Fairs, 1909.

Spaugh's Barred Rocks

WIN AGAIN—In the hottest class of Barred Rocks (150 birds) gotten together this season at Springfield, Ill., I won the two most coveted prizes. 1st cockerel and 1st pen; also 3d cockerel, 3d pullet, 3d hen; winning more prizes than any other exhibitor at this show where it took "quality to win." This winning coming on top of our great winning at Indianapolis demonstrates beyond a doubt that we have

Rocks That Fit the Standard

800 head of ringy, snappy, bright, narrow barred birds with the correct long back type now in demand. Show birds my specialty and breeders to breed them. 200 hens go at \$2.50 each to make room for young birds. Write me your wants. I have plenty of stock and can and will please you. Many fine pens mated for the egg trade from which I will furnish eggs at \$5 per fifteen.

My New Catalogue Now Ready

and will be sent to any address for one dime. One of the best and handsomest catalogues put out this season. Full of valuable information. Send for one today.

C. E. Spaugh

Box T

Rugby, Indiana

Poultry Supplies



As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi River we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and eggs for hatching. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write at once.

Iowa Seed Co., Dept. 2 Des Moines, Ia.

SEEDS

BUCKBEE'S SEEDS SUCCEED!

SPECIAL OFFER:

Made to build New Business. A trial will make you our permanent customer.

Prize Collection Radish, 17 varieties; Lettuce, 12 kinds; Tomatoes, 11 the finest; Turnip, 7 splendid; Onion, 8 best varieties; 10 Spring-flowering Bulbs—65 varieties in all.

GUARANTEED TO PLEASE.

Write to-day; Mention this Paper.

SEND 10 CENTS

to cover postage and packing and receive this valuable collection of Seeds postpaid, together with my big Instructive, Beautiful Seed and Plant Book, tells all about the Best varieties of Seeds, Plants, etc.

H. W. Buckbee, 2013 BUCKBEE STREET, ROCKFORD, ILL.

Sam Thompson Says Try My New Fairfield Incubator 2 Hatches FREE

I'LL SHIP IT for you to try in your own home, two hatches free. I just want to prove to you at my own risk that the Fairfield is the world's best hatcher. That's what I call it. Thousands of my satisfied customers back me up in this strong claim. There is no better machine at any price. It's built right and will give you the biggest hatches and healthiest and strongest chicks.

Get My New Catalog and My Special Free Trial Offer Now

THE FAIRFIELD is made out of the best California Redwood lumber. It's patented heat system gives an even uniform temperature, which means big hatches. The regulator works perfectly. Big, roomy nursery and egg chamber, double doors.

Clear top, fine finish. Write me today without fail for my new catalog and great offer. **Sam Thompson, Pres., Nebraska Incubator Co., 217 Main St., Fairfield, Neb.**



SHIPPED
FREIGHT
PREPAID

Now's Your Time

125-EGG Mankato Incubator \$7.25

The Equal of any Hatcher at any price

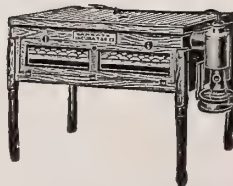
245 - Egg Mankato, Only \$9.50

120-Chick Brooder, \$3.75 - 240-Chick Brooder, \$4.50

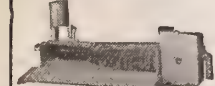
We've now got prices down on high-grade incubators where they belong. It's results you are going to pay your money for, not highly polished wood and big advertising bills. The **Mankato** is the one high-grade hatcher that's sold at a price for the rank-and-file poultryman. Double walls, heavy copper hot-water heating system, perfect automatic regulator, perfect ventilation, safety lamp, chick nursery—everything complete and a **Hatcher with a record.**

It's waste of money for you to pay more than the Mankato price. Nobody can build an incubator that equals it for less. The result of 15 years' practical experience operating incubators and raising poultry. **Send for Free Catalog** and see the why of our prices.

MANKATO INCUBATOR COMPANY, Box 821, MANKATO, MINN.



HOVER CLOSE-TO-NATURE BROODER



A scientific invention very close to nature. Three life principles found in no other: Warmth by Conduction; Ventilation by Induction; Non-Piling-up by Construction. Brooders for orchard and field and Independent Hovers for instant use in box or shed. Not playthings or dollar



"Systems" but big double brooders and Hovers. Practical and successful. Double tops, triple floors and many other great improvements. Need little attention. Eminently the brooder for the busy man and the farmer. Given a most remarkable reception by scientific and successful poultrymen. Brooder Book Free.

CLOSE-TO-NATURE COMPANY, COLFAX, IOWA.

J. C. FISHEL & SON, TWO OF INDIANA'S MOST POPULAR POULTRYMEN AND BREEDERS OF FISHELDOTTES—WHITE WYAN-DOTTES.

When it comes to producing Wyandottes of standard requirements and quality the Fishels loom out promptly in the poultry world. Their one aim has always been to breed this variety as close as possible to standard points, and this year they have succeeded beyond measure in producing that desired quality in their flock. Over three thousand birds are now ready for the show room and the breeding pen.

The Fishels have made some very big sales this last month and have supplied winners to many shows in this country. The beautiful illustration of the pullet appearing in this issue shows the fine type that runs through their strain and which approaches so closely to the new standard of this variety.

Their birds are as white as the driven snow. The Fishels have not only tried to improve their fowls from the fancy standpoint, the utility side has not been lost track of and their birds are noted as extraordinary layers. Their birds are raised in ideal conditions, being under the personal supervision and watchful eye of both J. C. and Charles I. Fishel; housed in sanitary buildings they mature fast and attain their growth quickly, making a strong, vigorous bird in a very short time, thus fitting them better for breeders and layers.

Both of these gentlemen devote their entire time and with the assistance of Miss Marguerite Fishel, who acts in the capacity of stenographer, every detail of the business thus comes under their personal supervision and receives their careful attention.

J. C. Fishel is one of Indiana's oldest fanciers, having bred fancy poultry practically all his life and commenced advertising same as far back as 1879, therefore it is no wonder that Charles I. Fishel is a naturally born poultryman, and the old saying, "Like father, like son," repeats itself in this case.

Charles I. Fishel, though yet a young man, is rapidly being recognized as one of the prominent judges of fancy poultry.

Like U. R. Fishel, they believe in up-to-date advertising and always have been users of large space in the poultry press; the result of this advertising has been that they have made sales in practically every country on the globe.

Their catalogue and other advertising literature ranks among the best produced. Intending buyers will do well to send them a dime for their elaborate catalogue, it is well worth it. Addressing your letter to J. C. Fishel & Son, Box J, Hope, Ind., will bring it promptly.

ECHOES FROM EASTERN COLORADO.

In Eastern Colorado, with its treeless prairie, high winds and sunshine, the problem of housing poultry is one requiring time and experience. To obtain a house which is adapted to the extreme changes of weather and one that is capable of shedding the penetrating winds is the desire of every true lover of poultry.

My experience has been that a well-made, open front frame building does not answer the purpose as satisfactorily as a house built of sod. The roots of the Buffalo grass in this country are very tenacious, and when the sod is cut one foot wide, three inches thick and eighteen inches or two feet long, as desired, the blocks of sod laid upon each other (as brick is laid) with the sod turned down, making a wall eighteen inches or two feet thick, according to the size the sod is cut, and will turn the highest and most penetrating gale and the house will be snug and warm in winter and cool in summer.

The house should be built with an open front, as the poultry must have good ventilation, and there will be no drafts as the sod walls are so thick that no cracks admit any current of air.

The roof can be either a shed roof or car-shaped and made of twelve inch boards. These boards should be covered with tar paper, and on the paper should be laid blocks of sod (with sod next to paper) so that the roof has the appearance of being made completely of sod.

The inside of the house can be furnished as desired, but before inside arrangements are made, the sod walls should be trimmed smooth and plastered. A wind plaster made of sand and magnesia clay is what we use for sod buildings in this country.

The open front of the house should face the south and should be curtained to keep out the south winds. This is the kind of house in which my thoroughbred White Plymouth Rocks are enjoying themselves with six inches of snow on the ground outside, and I am getting as many eggs this month (November) as any month this summer.

Dudley K. Wilcox.

Keeping everlastingly at it convinces the public that you have faith in what you're advertising. Spasmodic, haphazard methods create a different sort of impression.

There is good advertising, bad advertising, and indifferent advertising. But there is only one kind that can be depended upon for results.

The shrewd advertiser can see over the rim of a silver dollar into next week and next year.

CARING AND HOUSING OF FOWLS
IN WINTER.

Winter is again here and during this period it is the poultryman's duty to look after the health of his flock. If he is crowded for room he should dispose of his poor stock, and if he is still crowded, he can easily and cheaply build a few houses for them. I have found the following described the best one for all purposes I have ever used. It is ten feet wide by fourteen feet long and is four and one-half feet high in the rear and seven and one-half feet in front. The west, north, and east sides are boarded up with six inch matched board. On the south side directly in the center is a hinge door, size two by seven feet; on both sides of this door, eighteen inches from the bottom, are windows, size thirty-two by thirty-four inches. Hinges are placed on the top of these windows so they can be easily opened, and in order to keep them open a hook is put on the side of the window. Eighteen inches above these, or one-half foot from the top, are frames size twelve by thirty-six inches. These frames are covered with muslin and placed on hinges in the same manner and for the same purpose as those on the windows. The roof is shingled. The



White Wyandotte cockerel, of this year's raising, showing the type of this variety as bred by W. R. Graves, Southboro, Mass.

floor is made of matched boards so that it can be easily cleaned or scrubbed. In order that this house can easily be drawn from one place to another it is placed on two, four by six inch shoes. The roost boards which are divided into two parts are placed on three horses (one on each end and one in the center) two feet in height. They extend from the west side till two feet from the opposite or east side. These two feet are left so it will be easier to catch the birds. The roosts are five inches above the roost boards, and are made from two inch pieces twelve feet long. In order to keep the fowls warmer at night a muslin curtain is placed above the end of the roost boards and during the cold nights this curtain is dropped before the birds. To keep the house still warmer the west, north and east sides and the ceiling are papered with tar paper.

If the house is used for cockerels no nests should be put in the building, as they then will be used by them as roosts, but if the house is being used for layers, or as a breeding pen, the nests should be put on the east end. A dark nest is preferred to a common box, because the hens

do not eat the eggs when laid in a dark nest.

As grit, charcoal and oyster shells are needed by the fowls, a box eighteen inches long, three inches wide and two inches deep, which is divided into three parts, is nailed on the west end about fifteen inches from the floor. This box is raised because it prevents the birds from wasting the food or from scratching the litter in the box.

On the south side a box containing Dustyne, which gives the birds much exercise and also keeps them free from lice, is placed. If the fowls have a house like the above and are provided with good, fresh water, and if the food is scattered in the litter, the fowls will stay in a healthy condition, and will be able to lay all winter long.

Wm. Halbach.

Waterford, Wis.

COLUMBIAN WYANDOTTES

A grand lot of yearling and young birds for sale at low prices. 100 extra quality young hens that will give you strong chicks at \$3.00 and \$5.00 each.

Aug. D. Arnold : : Box 777 : : Dillsburg, Pennsylvania

Our Motto: "Please Our Customers." Prize Winning Poultry Is Bred at

OAKLAND POULTRY YARDS

WM. C. BOWMAN, Manager

At Trenton Country Club : : Trenton, New Jersey

White Wyandottes and S. C. White Leghorns Bred for Size and Superior Egg Production

BARRED PLYMOUTH ROCKS

EXCLUSIVELY—The kind it pays to breed. Have been heavy winners wherever shown. Have just published a very handsome catalogue which tells you all about my birds, their winnings, prices of stock and eggs and also gives a detailed statement of my matings for this season.

Excelsior Poultry Yards THOS. J. CARTER Box Z, Jonesdale, Wisconsin
Proprietor

Our Guarantee
is Backed by a
\$1,000,000.
Surety Bond

No other machine in the world carries a guarantee that protects you so absolutely as

The Sure Hatch Incubator

We give you a **positive guarantee**—everything put down in black and white and signed; and, besides this, **we actually send you a Surety Bond issued by the Bankers' Surety Company, Cleveland, Ohio.**

The Sure Hatch Incubator is built of the very best materials and constructed along lines that **always** insure perfect hatching results. If this were not so, we could not give the liberal, binding guarantee that we do. The Bankers' Surety Company could not afford to place its entire resources behind our guarantee if the **Sure Hatch** were not the best Incubator manufactured.

Superior Construction makes the **Sure Hatch** the best Early Season Incubator. We have moved the Hatching period forward several weeks, and with it you can get the earliest birds, that bring biggest prices.

Double Redwood walls; Dead Air Space Insulation; Special Hot Water Heating System; Perfect heat, and fresh air regulation put the **Sure Hatch** in a class by itself. Our Double Guarantee keeps it in a class by itself. We pay the freight, and give you 60 days' Free trial.

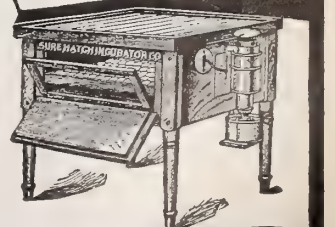
Write today for finely Illustrated Poultry Book. It is free and contains many hints on poultry raising that will be valuable alike to the expert and the beginner with poultry.

Sure Hatch Incubator Company
Box 6 Fremont, Neb.

You are
Absolutely
Protected



60
days
FREE
Trial



We Pay the Freight

MAKE ALL YOU CAN.

While you are making some money at poultry raising, why not make all you can? If you are making a nice little sum of money with mixed breeds, under ordinary circumstances, why not raise pure breeds and be in a position to sell fowls and eggs for breeding stock? A nice flock of pure breeds commands admiration. They will, to a great extent, advertise themselves. Give them a little better treatment, and get from 150 to 200 eggs per year instead of 50 to 100 from the scrub under common conditions.

You can raise the scrub's egg record, but while you are at it expend your energies toward reaching the highest possible profits. The pure breeds are not only the most profitable, but they make your place or premises look better, give the owner more pleasure and cause him to give more of his time to the business.

Ask the owner of a scrub flock why he does not have some particular kind, four times out of five he will say the common chickens are more healthy. When he will

allow his house to get damp and his stock are not healthy by any means.

The first trap nests were a craze and the excitement soon abated. There were enough logical poultry fanciers who held on to the trap nests to start and maintain an improvement in egg yield. The trap nests serve a useful purpose. They are to poultry raisers what the Babcock test is to the dairyman.

Another reason for pure breeds is the evenness of market fowls and eggs. A coop all the same color is more attractive and will bring a better price, and the same with eggs.

Any poultry raiser that has one or more cases of eggs in a week can get from 15 to 35 per cent more by taking them to town and looking up some hotel or private market, instead of selling them to hucksters going through the country; they have got to have a profit and why not take them to town and save it yourself.

The poultry business once was carried on on the farm in haphazard way; and

customers could walk up and draw a satisfied breath.

Let me say here that after a grocery man has handled a few cases of eggs put up as I have suggested, the prices become secondary to that of keeping that kind of stock. The cleaner and more attractive appearance gives his store a prestige rather than making it an eyesore to tasty customers. There is nothing more handsome than a stock of clean eggs in attractive cartons. There is repulsiveness in a filthy stock of eggs.

H. E. Terry.

Blossom, Texas.

INDIANAPOLIS, IND.

The Fanciers' Association of Indiana now have their tenth annual show list ready for mailing. They are offering more silver cups and bigger cash specials than at any previous show of the association. Nearly every specialty club has offered a silver cup to be competed for by members of the club. The association will hold a combination show of poultry, dogs, cats and pigeons, and have secured as judges, Pierce, Tucker, Kummer and Zike on poultry, Bradshaw on dogs, and Ewald on pigeons. The association guarantees all its prizes and has the cash in the treasury ready to pay all regular and special cash prizes. For a premium list, write to secretary at once. C. R. Milhouse, secretary, Indianapolis, Indiana.

It is impossible to borrow a lot of phrases from a competitor's advertising and produce original copy.

TOO LATE TO CLASSIFY

BUFF DUCKS. Imported Buff Duck eggs. Pineapple Duck Farm, Kirbytown, Ky. 1-2

SINGLE COMB WHITE MINORCAS in all their purity. Madison Square winners. William Sapper, Box S, Erie, Pa. 1-3

SILVER LACED WYANDOTTES—Two firsts, one third on three entries at Great Rochester, 1909. Few choice cockerels. Eggs in season. Write for prices. Club member. Twin Bros. Poultry Yards, Geo. W. Spence, Prop., Tully, N. Y. 1-3

COLLIES, BEAGLES, SETTERS. Pups and trained stock. Box 6, Codorus, Pa. 1-1

ROYALLY BRED BUFF PLYMOUTH Rocks, Single and Rose Comb Buff Orpingtons. Winners at the largest shows in the northwest. Stock and eggs for sale. Illini Poultry Yard. Box A, Washington, Ill. 1-3

BARRED PLYMOUTH ROCKS. I have some extra fine pullet cockerels for sale sired by one of Thompson's best "Ringlet" cockerels and my prize hens, \$3 to \$10 each. Satisfaction guaranteed. W. D. Cox, Joplin, Mo. 1-3

"MY BUFF WYANDOTTES have an unbroken record as winners of the Blue and Specials. Stock and eggs." Rev. Henry Janes, Kent, Ohio. 1-3

AIREDALE TERRIERS, The poultryman's friend, the rat, mink and weasel exterminators. Champion stock for sale. Puppies and brood bitches. E. G. Marquardt, Burlington, Iowa. 1-3

SINGLE COMB BUFF ORPINGTONS scored stock for sale. Write your wants. Eggs in season. Lorten Files, Mill Shoals, Ill. 1-3

ROSE COMB RHODE ISLAND REDS scored stock for sale. Eggs in season. H. Lorten Files, Mill Shoals, Ill. 1-3

SPECIAL SALE—Col. Wyandottes, S. C. White Leghorns of exceptional quality and low price. Must be satisfactory or no sale. J. W. Brinser, Manchester, Va. 1-3

MAMMOTH BRONZE TURKEYS — Young Toms for sale. Prices reasonable. A. E. Ott, Wheaton, Ill. 1-3

IRISH RED STAGS bred for the pit. \$2.00 each, this month only. A. J. Tucker, Donovan, Ill. 1-2

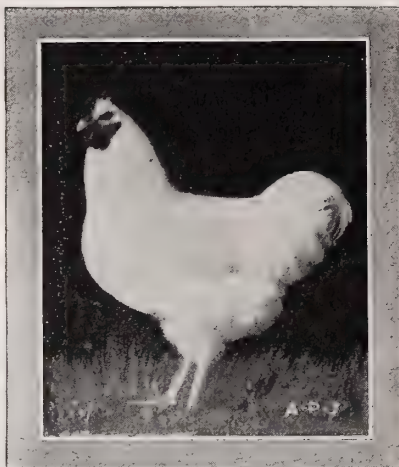
SINGLE COMB WHITE LEGHORNS cheap, considering quality. William Ringhouse, Havana, Ill., R. 2, Box E. 1-3

BRONZE TURKEYS—FIRST PRIZE winners at Illinois and Missouri State shows and other leading shows. William Ringhouse, Havana, Ill., R. 2, Box E. 1-3

DORKINGS, ORPINGTONS, Wyandottes, Games, New York, Boston, Chicago, Johnstown winners. Ral Chant, Johnstown, N. Y. 1-3

INDIAN RUNNERS—Both sexes. Drakes scoring 95½ to 96½ by Judge Heimlich. M. D. Porter, Vandalla, Mo. 1-1

CHOICE IMPORTED LOP-EARS and large Flemish giant rabbits. Send four cents in stamps for illustrated circular. David Street, Belmont, Allegany County, New York. 1-1



White Plymouth Rock cockerel, of this year's breeding, showing the type and quality, bred by W. R. Graves, Southboro, Mass.

still so with lots of farms. And as no accounts were kept with this line of stock, the prices obtained were regarded as a satisfactory return for the small amount of care that had been bestowed on them. And so with lots of farm flocks now when if pure breeds and more care were taken there could be a great deal more made.

There is nothing we eat that goes on the market in such a haphazard, filthy condition as the poultry and eggs of this country.

Not by any means am I overdrawing. Consider it for yourself. No matter how old or besmeared the case, just so long as it will hold the eggs and remain together it will do. No attention is paid to smell of the egg fillers; no sorting for color or sizes; no attention is paid to dirt or to feathers sticking to the shells. Surely it would take a hungry person to fill up on such stuff, if he were the first to see them.

The most careless method is followed in marketing fowls. Take a walk into the market place and you will hardly take another. Right there we find fowls, and of all sizes and colors you ever saw, in the same coop. And a coop that has been used 6 months without ever being cleaned out. Don't see how the market man could stay there. And if he had clean coops, eggs put up clean, his business would be more attractive and his

VICK'S GARDEN and FLORAL GUIDE for 1910

Just issued. As always, the authority on what, how, when and where to plant. Sent FREE. Jas. Vick's Sons, 401 Main St., Rochester, N. Y.

WHITE Plymouth Rocks

At the late St. Louis big show I won first pullet and other prizes in one of the hottest classes ever gotten together. Have something extra good to offer. Eggs from choice pens. Write for particulars.

J. C. Rickey, Clarence, Mo.

AMATITE Mineral Surfaced ROOFING Needs No Paint

Send for FREE Sample Barrett Mfg. Co., New York, Chicago

The Improved Automatic Poultry Feeder-Exerciser

4 FOR \$7.50	1 FOR \$2.25
5 " 9.50	2 " 4.50
10 " 20.00	3 " 6.00

ONLY FEEDER MADE THAT FEEDS ALL KINDS OF GRAIN WITHOUT BEING REGULATED

THE BUSY HEN LAYS THE EGGS AND THIS DEVICE KEEPS THEM BUSY

Actually Feeds & Gives Exercise.
SOLVES THE PROBLEM OF FEEDING GRAIN FOR THE BEGINNER—INCREASES EGG YIELD FOR ALL.
Send for Circular and Get the Best.
Address CONNER & LESTER Jersey City, N. J.

IMPORTANCE OF POULTRY SHOWS.

The work done by the poultry associations throughout the country has no doubt done more to advance the interest of Standard-bred poultry than any one other factor. They have opened the eyes of the farmer, who is our greatest poultryman, to the value of Standard poultry. It is not so many years ago that the average farmer gave but very little attention to his flock of hens, keeping just a few which were generally taken care of by the housewife for the purpose of giving her a little spending money, or to buy the necessary groceries with.

The breed did not seem to make much difference, in fact they had no particular breed, perhaps did not know that there was any such thing as a breed; usually they were a mixed-up lot of any old breed; as long as they laid a few eggs they were satisfied. It was not a question of how many eggs they laid, for they had no idea how many eggs a hen should lay in the course of a year in order to be profitable; in fact, they did not think a hen was profitable, anyway.

But when the poultry shows began to be held, he went there as a matter of curiosity, wondering what they had there and what there was about a hen that they should want to put her in a show, for he opened his eyes when he saw the different kinds of fowls that were there, and began to ask some questions of his friends and neighbors about the different breeds, they looked so much better than his mixed flock of hens at home. He was told that some breeds laid more eggs than another, others grew to broiler age quicker,

still others made better roasters, some were good winter layers and laid the most eggs when the price was highest. He began to get interested and thought perhaps there was something in it. He saw some of his neighbors breed Standard poultry and the flock looked so nice and uniform and the eggs they laid were so even in color and size and they brought a better price than his mixed lot in the market, that set him thinking real hard and when a farmer thinks hard something is doing or going to be done.

The first thing you know he has subscribed to a poultry paper and he begins to read what others are doing with Standard poultry, and when show time comes around again he goes to the show and buys some stock, or he orders some eggs for hatching and he raises some Standard-bred chickens, and begins to keep track of the number of eggs they lay and how much money they bring in, and it surprises him that there should be any profit in just chickens, for instead of their bringing in just a little spending money they have paid off the mortgage on many a farm.

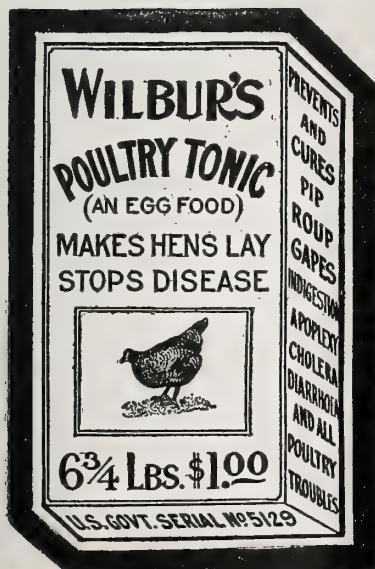
This is just the work poultry shows are doing; they are the greatest allies that the American Poultry Association has, and I would like to add right here that all poultry associations should be members of the A. P. A., as their interests are identical, both working for the same cause.

And the poultry publications which have grown so fast in numbers and have gained such an enormous circulation can attribute their growth in a great measure to our poultry shows, for our shows make the poultrymen and the poultrymen make our subscribers and advertisers. So don't be stingy with

your space when it comes to matters that are of interest to our shows.

Poultry shows are not always held at a profit, as a great many would suppose; in fact, the contrary is most often the case. The larger shows, such as Madison Square, Boston, Chicago and shows held in the largest cities of the country may show a balance on the right side of the ledger. This is due to the money received by them for space rented to incubator manufacturers and dealers in poultry supplies, who can afford to pay a good price for space at these large shows; and then the largest breeders show their stock at the most important shows on account of the importance of the award, so that the classes are very large, and the larger the class the more profit it would give to the association. Then the attendance at the large shows is so much greater in proportion to the smaller ones; the large shows attract attendance from a radius of many miles; in fact they draw attendance from the entire country, whereas the smaller show gets its attendance from its immediate neighborhood only, so that if the truth were known you would find that practically all shows with but very few exceptions, which have an exhibit of less than 2,000 birds are held at a loss, and it shows the true spirit of the poultry associations when they will continue to hold shows year after year, giving their time and work gratis, and then going down in their pockets to make up the loss. This tests the spirit of the true fancier.

The writer wrote letters to the secretaries of the more prominent poultry associations in New York state requesting them to state whether their shows were profitable or not, and in almost



\$1.00 PACKAGE FREE

To prove beyond all doubt to every intelligent poultry raiser that

WILBUR'S POULTRY TONIC

is the world's greatest egg maker, fattener and feed saver, and positively prevents and cures Pip, Roup, Gapes, Apoplexy, Diarrhoea, Indigestion and Cholera, we will actually give one full size \$1.00 package absolutely FREE, where we have no agent, to every reader of this paper who fills out and mails to us this coupon.

READ WHAT USERS SAY

Sanford, Fla., August 26, 1909.
Gentlemen:—Enclosed find M. O. for which please send me more of your Poultry Tonic. I would like to get the agency for your Poultry Tonic in this section or county. Last winter I bought some of your Poultry Tonic from your agent and I consider it the best article of the kind I ever used.
Mrs. H. H. CHAPPLE.

Otisville, Mich., Oct. 3, 09.
Gentlemen:—I have used several different kinds of tonic but find that Wilbur's leads them all for poultry. I am getting double the amount of eggs I got before. I have a good opportunity to sell your tonic in this country, as all the people around me ask how it is that I get so many eggs and my chickens look so good. My answer is "by using Wilbur's Poultry Tonic." I will use it as long as I can get it, for there is none better.
JAMES DAVIDSON

WILBUR STOCK FOOD CO., 773 Huron St., Milwaukee, Wis.

WILBUR STOCK FOOD CO.,
773 Huron St., Milwaukee, Wis.

Gentlemen:—Please send me the \$1.00 package of Wilbur's Poultry Tonic absolutely FREE.

Name.....

P. O.....

Express Off.....State.....

every instance their reply was that their shows were held at a loss and that most associations were discouraged and about to give up.

My object in asking for this information was with a view of getting an appropriation from the state to aid poultry associations.

Our association adopted a resolution at its last meeting urging the necessity for state aid and a committee was appointed to take charge of the matter. A letter was sent to the secretary of the New York state branch of the American Poultry Association and at their meeting held at Ithaca, it was referred to the legislative committee, who will make every effort to obtain state aid this fall.

I would ask every poultry association in New York state that believes the state should give some aid, to write a letter to Dr. E. M. Santee, secretary, Ithaca, N. Y., stating their reasons why; don't be bashful, but state just what you think, and why you think so.

I. L. Whitmyre.

Schenectady, N. Y.

TYPE AND COLOR IN LIGHT BRAHMAS.

I think it is an indisputable fact that the popularity of any breed of fowls depends on their productiveness and adaptability to general use. It is not so many years since Light Brahmas were bred in vast numbers, and were the largest classes in most shows, but now they are seldom seen only in the yards of some old breeder who has stood by them for many years, and except in the largest shows the classes are seldom filled, if, indeed, they are exhibited at all. There is a cause for this—a cause other than the multiplying of new and oftentimes inferior breeds—some, at least—the white-

skinned ones—that are not and never can be first-class general utility fowls. So we must look for a reason for the diminished numbers of this, the greatest and grandest breed of fowls that has come from the hands of the American fancier. Having been a breeder of these fowls for thirty-eight years—clinging to them through good and evil report—and loving them as well as in our early manhood, I have given the subject many hours of deep thought, and am fully convinced the trouble lays in their having been bred away from the true Brahma type. The Cochinzizing of the breed by so-called fanciers and false judging in our exhibitions has worked their undoing. The great preponderance of those in our present-day exhibitions are little else than Cochins sailing under Brahma colors; the distinguishing points being comb and back, the convex back of the Cochins have so far not been adopted; the short neck; the short body; the short legs; the loose, long feathering are all to be seen in the present-day Brahma. Their prolific egg production is a thing of the past, as it is a notorious fact that birds of Cochin type are the poorest kind of layers, and a good layer, in any breed, that shows the Cochin type to excess, is the exception and not the rule.

The American Standard of Perfection is supposed to be the law by which judges make all the awards, but is it? Too many judges seem to be a law unto themselves, they either don't know the type and color demanded by the Standard for Light Brahmas, or totally ignore it when judging. Let us see what it says in regard to the sections which go to make the type of the fowl, a type so very distinct from the Cochin type: Neck, moderately long; back, rather long; body, rather long; legs, sufficient length to properly balance specimen. Now, you see the word

"long" is used in every section in some form, and if it means anything at all, it means a Light Brahma should be a tall, long-bodied bird. Not like a game, but exactly the opposite from the Cochin type. Is this type distinction respected by the majority of judges at our shows, or do they judge to suit themselves? The highest prize-winners at our largest shows the past winter, I should say from what illustrations I have seen and from letters I have received, have little or nothing of the true type about them. Who is to blame? I should say, first, the authorities of every show should demand that the Standard should be rigorously applied, regardless of who the exhibitors are, or what type they prefer, or what type the judges think is best. If the Standard isn't right, then let it be changed. But it is right, and breeding to it will bring back this grand breed to its lost position in the esteem of the general breeder, as well as the fancier.

Now as to color, the Standard for male says the back shall be "white," but saddle hangers may be black in web if they are laced with white. Here is where there is a clash in the Standard. In the list of disqualifications it says except slight or dark stripes near the tail; and that is allowing all the license there should be for black in back, and those birds—winners or not—with the heavy striped saddle hangers are or should be disqualified in every instance, for the backs of such birds are black in the web of every feather, and while they may be immense in color as their breeders describe them, they breed disqualified females in nearly every instance. The only proper color is a white surface in back, with possibly a few dark striped feathers near the tail. The Standard is off also in description of the wing in female.

No breeder of today would use a female with a wing as imperfect as the Standard describes. The wing should be, and is, the same in the best specimens of both sexes, and should be so described.

I will welcome the day when the breeders of my favorites shall breed squarely to the type demanded by the Standard, for I am sure it means much for the future popularity of the Light Brahmas.

John Rumbold.

Baltimore, Md.

Silver Laced Wyandottes

WE LEAD, OTHERS FOLLOW—At the great Hagerstown Show, in one of the strongest classes of Silvers ever brought together, we won first and third pullet and fourth cockerel on four entries. Our winning pullet was pronounced by leading authorities to be one of the best birds ever bred. Eggs for hatching from the grandest matings at \$3 per setting. We still have a few choice cockerels in Silver and White Wyandottes at \$3 and \$5 each.

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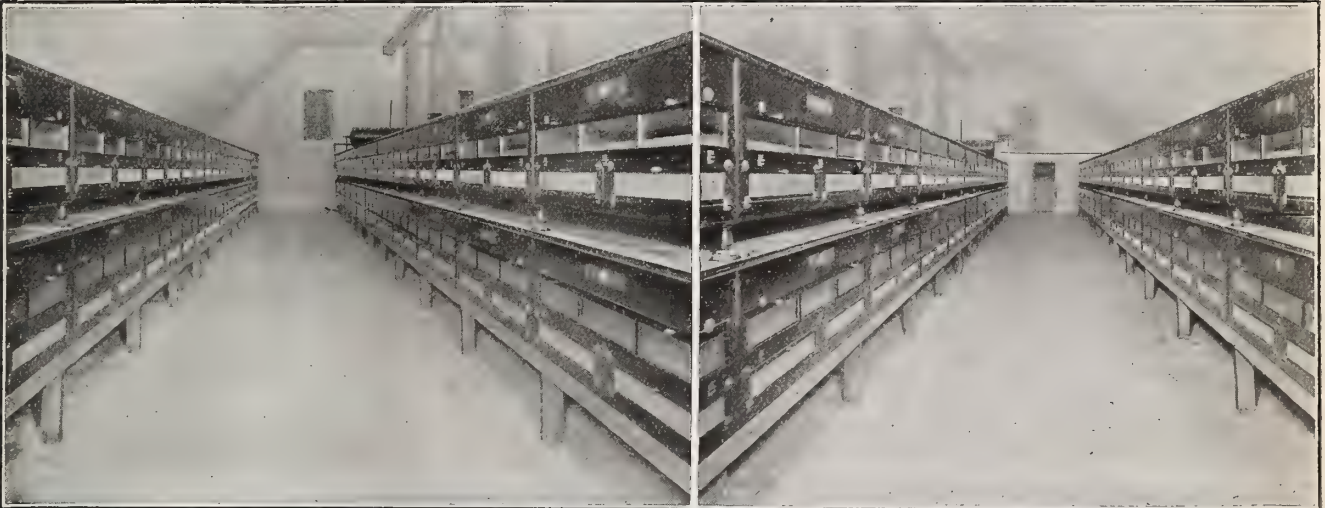
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CYPHERS MAMMOTH

Now in successful operation on Atlantic Duck Farm, A. J. Hallock, Proprietor, Speonk, Long Island, N. Y.
Read below what Mr. Hallock says about this *Cyphers Mammoth Hatcher*—ONE OF THE TRULY GREAT INVENTIONS OF THIS PROGRESSIVE AGE.



Views (From Photographs) Showing Left and Right Hand Aisles, A. J. Hallock Incubator Cellar, Speonk, Long Island, N. Y.

TRIED ONE TWO YEARS—THEN ORDERS ANOTHER.

ATLANTIC FARM
Speonk, L. I.

A. J. Hallock, Prop.

BROOKSIDE FARM
Center Moriches, L. I.

Speonk, Long Island, N. Y., Oct. 29, 1909.

Cyphers Incubator Company, Buffalo, N. Y.

The Mammoth hot-water Incubator that you installed for me in January 1908, has given excellent results.

The machine requires very little attention, as your regulators on the heaters do the work satisfactorily. We consider that we save over 50% in fuel and 70% on labor in operating as compared with the old-style lamp-heated machines. This saving of labor is quite an item on a plant as large as ours, as it enables the incubator operator to superintend the nurseries and rearing for the first six weeks.

With the eighty-three old style lamp-heated incubators we formerly used it required one man's entire attention for the filling and trimming of lamps, regulating the machines and turning and cooling the eggs.

The odor in the cellar with lamp-heated machines was very noticeable, while with the Cyphers Mammoth there is no appreciable odor nor vitiated air to stunt the growing embryo.

We hatched 49,000 ducks in the Cyphers Mammoth Incubator this year and we would have hatched more if we had had enough eggs on the home farm to keep it filled.

While we have a large capacity, we decided to increase it for next season and therefore have given you our order to install another thirty compartment section of 10,640 duck egg capacity. We are going to keep a proportionately larger number of breeders.

After using the Cyphers Mammoth for two seasons, my ordering thirty additional sections is surely ample proof of my faith in the work of the machine and I do not hesitate to recommend the Cyphers Mammoth Incubator to any one wanting a capacity of six thousand eggs or more.

Yours very truly, A. J. HALLOCK.

NEXT DOOR to Atlantic Farm Cyphers Incubator Company has installed a forty-compartment CYPHERS MAMMOTH for E. O. Wilcox, a man of twenty-five years experience in growing ducks for market on Long Island. Mr. Wilcox saw what Mr. Hallock's CYPHERS MAMMOTH was doing as a fuel and labor saver and SUCCESSFUL HATCHER, then discarded forty lamp-heated incubators of a popular make and put in the CYPHERS MAMMOTH. We are now installing three other Mammoth machines on Long Island and several of them in New York State proper, in Massachusetts, Ohio, Illinois, etc.

TEN OR A DOZEN MORE!—We shall be in a position to supply ten or twelve more Cyphers Mammoth Incubators this season, but not a larger number. *These machines are a demonstrated success.* Automatic in regulation, in ventilation and in moisture supply. Guaranteed equally successful with hen or duck eggs; both can be hatched at one time. Blue-prints furnished free with each machine. Full particulars on request. Address all correspondence on subject of Cyphers Mammoth Incubators to home offices of

Cyphers Incubator Company, Buffalo, N. Y.

Branch Stores:—23 Barclay St., New York City. 12-14 Canal St., Boston, Mass. 72 Lake St., Chicago, Ill.
1569 Broadway, Oakland, Cal. 2325 Broadway, Kansas City, Mo.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question—(1) Which are the best layers, especially winter layers, White Plymouth Rocks or Barred Plymouth Rocks? (2) What is the average weight of cock and hen of each variety? Is the standard weight different? (3) We have extremely wet winters here and medium heavy soil. Is the poultry house illustrated in Prize Article department of the November issue of American Poultry Journal a good plan for such a country? (4) Do you advise chicken houses with one side open, being only closed with wire netting? (5) How big should a house be to accommodate fifty Plymouth Rock hens? (6) Will a Plymouth Rock hen set as early as February or March as a rule? If not, about how early? F. K. P.
Wolf Creek, Ore.

Answer—(1) There is practically no difference in these two varieties so far as egg production is concerned. (2) Cock, 9 pounds; hen 7 pounds. The weights of both varieties are the same. (3) The house can be used in any locality. (4) Only in very warm climates. (5) 14x28. (6) No. April is the month when most hens, of any variety, become broody.

Question—Please answer through your paper the following. I have a fine hen which has been a good layer un-

til the last few months. She has always seemed healthy until about two weeks ago she seemed to stand around and ate very little; on examination I found a hard mass (about the size of a base ball) in the abdomen. I have just taken this mass out, and found it in the egg sac (?). The mass was very hard and formed in layers and looked somewhat like the yolk of a hard boiled egg, only more tough and fibrous. It also smells something like a boiled egg. Please tell me what this was. What might have been done and if she survives the operation will it be possible for her to lay again. (I removed the tumor through the abdominal wall and then cutting into the egg sac.) D. O.
Pinckneyville, Ill.

Answer—This was probably caused by a rupture of the egg sac, which produced inflammation and a high fever in the egg passage and caused the half-formed eggs that were released from the egg sac to bake and form into a solid mass. There is no remedy for this. This bird will probably never lay again should she recover.

Question—(1) Is the Potter system of selecting the laying hens a scientific method or trap-nest method? (2) My poultry has very good supply of grit

but not much variety of food; plenty of good water; some few of them get light and droop, but will eat, but they finally die. They have unlimited free range. What is the trouble and remedy? (3) The most of my young stock was hatched in March and April. They did fine until large as quails and they have grown slowly ever since. They seem not to do so well when we give them free range. How should we manage them next spring to keep them growing till matured? They were incubator chickens and we used the Philo system of brooding. (4) I clean out my brooder and poultry houses two to three times a week and scatter air slaked lime in them and all around where the chickens are apt to stay so much, and I plow up the yard very often. What is lacking in this part of the business? E. M. S.
Temple, Tex.

Answer—(1) Scientific. (2) Going light is nothing more nor less than consumption. See Dr. Salmon's book, "Diseases of Poultry." Price 50 cents. For sale by us. (3) We believe your trouble is caused by insufficient supply of food. Growing chicks should be given plenty of feed, even though they have free range. They soon become stunted if not given plenty of good food. Oats is one of the best feeds for growing stock. (4) Brooders and houses should be cleaned and aired every day.

Question—(1) Which pigeon is considered the best performer, the Birmingham rollers or the tumbler? Please explain their actions. (2) Are S. C. White Orpingtons as easy to breed true

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Our strain of Practical Reds have been bred for years with the object in view of securing a strain of birds in which the great commercial values, so well represented in a Red should be magnified to the greatest possible degree for

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We have succeeded and now offer you the result of our labors in our strain of Practical Reds. They have proven extraordinary layers, mature extra early, having large size from the start, carrying lots of breast meat with an exceptionally long body. In producing my strain of Practical Reds I have not lost sight of "show points" and my selected matings will produce birds close to the Standard requirements. :: :: ::

We send you eggs that hatch. Price only \$6.00 per 100, from our utility pens and \$10.00 per 100 from our selected matings. Place your order early. Write today.

RIDGE VIEW FARM
WILLOUGHBY, OHIO

to color as the White Plymouth Rocks or any other white chicken? G. G. B.

Caryville, Fla.

Answer—(1) Write to American Pigeon Keeper, Chicago, Ill., for information about pigeons. (2) Yes.

Question—Is Oklahoma a good poultry country? What part is best? Is Texas? What part is best? Is Arizona? What part is best? A. S.

Chicago, Ill.

Answer—Oklahoma and Texas are both excellent states for poultry. They can be raised successfully in all sections. Do not know much about Arizona.

Question—Last spring I purchased eggs for hatching from one of the large Barred Rock breeders in New York state, hatched and raised nine fine chicks, have two cockerel bred pullets and two pullet bred pullets, one fine pullet bred cockerel, also three fine cockerel bred cockerels. What I would like to know is would it be inbreeding to much to mate these cockerels with the pullets; or would you advise purchasing unrelated males? I am unable to sell these cockerels in this market for anything near their value. Thanking you in advance for your advice, I am,

F. B.

Woodstock, Ill.

Answer—You should purchase a suitable male bird from the same party as you secured your eggs from. This will avoid introducing foreign blood into your stock.

Question—Please tell me what was the matter with my little chicks. They were hatched the first part of this month. I fed them with boiled eggs for the first four days and then I fed them on chick feed. At the age of eight days some of them began to droop over with their eyes shut most of the time. I caught them and looked in their mouths. The mouth was full of sores and in each corner of their mouth was a sore. J. J. S.

Eufala, Ala.

Answer—Lice is probably the main cause of your trouble. If little chicks are kept free of lice their other ailments will be of minor importance. Grease the tops of their heads with a little lard to which has been added a few drops of kerosene oil.

Question—(1) How will I mix a good scratch food? I want to make 100 pounds and want to know in what proportion to mix same. (2) Also, how will I mix a soft feed to feed hot? (3) For all around laying purposes, what is the best breed? Thanking you in advance, I remain yours truly. L. F. J.

Greenville, N. J.

Answer—(1) Fifty pounds wheat, 25 pounds oats, 15 pounds cracked corn, 10 pounds millet or buckwheat. (2) Equal parts of bran and middlings, to which add 15 per cent alfalfa meal and 10 percent beef scraps. (3) The Leghorns.

Question—(1) How should I handle Mangle Wurtzel to keep until winter to feed chicks, also cabbage and turnips? (2) I have a cock bird that the skin is very red on shanks and around vent, the bird has a few vent lice and had access to a dung pile. I cleaned him of lice, but the body is still red, with white scales. (3) What should be the

temperature of the roosting at night, also scratching shed in the daytime in northern Wisconsin? (4) Do you advise washing Buff fowls before show, or steaming cloth and just rubbing off? Pine River, Wis. W. K.

Answer—These can be either put in pits or kept in a dry, cool cellar. (2) Use carbolated vaseline on the affected parts. (3) 50 degrees is about right. (4) Better results will be obtained by washing.

Question—(1) What is the best feed to give young ducks? (2) Will ducks lay as many eggs the second year? (3) How many ducks may be kept with one drake? (4) How many eggs will a Pekin duck lay in a year with good care? (5) What is the best feed to give ducks to make them lay? (6) What is the best hen to keep for eggs that has two acres range in an orchard and how many eggs will they lay? Ransomville, N. Y. A. R.

Answer—(1) Stale bread soaked in water. Wheat bran and middlings is also good. (2) Yes, as a general rule. (3) From four to six. (4) From 50 to 75. (5) A mash of wheat bran, vegetables, stale bread and beef scraps. (6) If for eggs exclusively, the Leghorn is no doubt the best. They will lay from 150 to 200 eggs per year.

Question—Please let me know through the American Poultry Journal what ails my Silver Wyandotte pullets. About two months ago three got lame and hopped around on one leg; they often lay down and stretch out the lame leg; the toes shrivel up and turn crooked like a person's hands in case of severe rheumatism. Two of them got well and one is as bad as ever. A few days ago another one got lame. They cannot use the leg the least bit; they have a good appetite. It appears to me like paralysis or rheumatism. My chicken house is 15x20 feet, with concrete floor and a board floor on top of the concrete. I keep wheat in self-feeder all the time. Please let me know what is wrong and remedy, if any. S. D. Y.

Grantsville, Md.

Answer—The trouble is rheumatism. This is usually caused by the fowls being exposed to damp weather. A tablespoonful of common baking soda to each quart of drinking water will usually effect a cure in a short time. See Dr. Salmon's book, "Diseases of Poultry." Price 50 cents. For sale by us.

Question—(1) What is the average egg production of the Indian Runner duck? (2) How much green bone per hen should be fed per week for eggs? (3) What is a good grain ration for laying hens? W. J. P.

La Valle, Wis.

Answer—(1) We are unable to say just what the average egg yield is; but some breeders claim from 150 to 200. (2) Two ounces per hen three times a week. (3) Wheat two parts, oats, two parts, corn one part.

Question—I have got a good pen of White Wyandottes and Rhode Island Reds that I raised this year. Please let me know in your next edition if I have got to get an old cock bird to put with my pullets to breed some good laying hens for next year—for either sex. D. H. S.

Gloversville, N. Y.

Answer—This is not absolutely neces-

sary, but better results will be obtained if a cock bird is mated with the pullets.

Question—(1) I have a chicken house 9x16 feet with 5 feet off for scratching shed. Shed all open to south except wire. Would it be best to curtain scratching shed? In other part of house I have a window on south side 3½ feet high, 6 feet long, 2 feet from ground and 3 feet from roof. Have glass windows for winter. Would curtain do better? (2) Would burlap do for curtains for chicken house? (3) How is best way to fasten curtains and should they be inside or out? (4) How many Buff Orpingtons could be kept in

The Only Cutter That Cuts Bone Across the Grain.

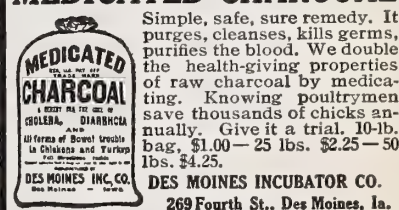
Standard Bone Cutter



GUARANTEED TO CURE Bowel Trouble in Chicks

Prevent and cure Cholera, White Diarrhoea and all forms of Bowel trouble, with our

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The secrets of America's successful strawberry growers are all told in the new edition of **FARMER on the Strawberry**. A real book, not a catalogue, by L. J. Farmer, who has worked 27 years among strawberries. "Worth its Weight in Gold," but costs only 25c. postpaid. *Your Money back if not satisfied.* Big Norwood Strawberry, Plum, Farmer Raspberry, etc. Immense stock of Berry plants—all varieties. Write for free Catalogue to-day.



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Perfect ventilating, double heating system, inside heater, and automatic regulator—agreat fuel saver. Send today for FREE Poultry Book—valuable information on poultry raising and incubators. Reliable Incubator & Brooder Co., Box C1, Quincy, Ill.

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First pens headed by males scoring 93 by McCord. Females 91 to 94. \$5.00 per 15. Second pens headed by males scoring 92½ by McCord. Females 90 to 93. \$3 per 15. Dr. Wilbur Dace :- Rushville, Illinois

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Exhibition White Wyandottes

Just a little better in quality, just a little lower in price than you ought to expect for your money. Please because they are large size, blocky, stay white. Bred to lay and show. A few cockerels, the kind for breeders.

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Ellenwood's Champion Reds

Again win the lion's share of the honors at the GREAT CHICAGO SHOW in the greatest class of Reds that has ever been brought together. We won all shape specials in single combs and one shape and one color special in Rose Combs, thus proving that we have the correct type and color. In Rose Combs we won 2d cockerel, 1st pullet and 5th pen; in Single Combs we won 2d hen, 3d cockerel, 5th pullet, 5th cock and 3rd pen. We are now booking egg orders, get our prices on young stock and yearling breeders. Address

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WORLD FAMOUS WINNERS—At the late Chicago show they won a large majority of prizes and every special on males. They have won more premiums at Chicago in the last ten years than any other strain. If you are looking for quality in stock or eggs, I have it. Write me for prices.

JESSE T. BATEMAN : BOX A : WAVERLY, ILLINOIS

S. C. BUFF ORPINGTONS

Winners of 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, cup and display at the great Missouri State show, St. Louis, December, 1909. Also four out of a possible five firsts, Ill. State Fair, 1909. Booking egg orders.

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The Baby Chick Life Saver—Will save the lives of millions of chicks that now die of white diarrhoea every year. It tones up the alimentary canal by stimulating the secretions, assists digestion and thus

Saves the Life of Your Chicks

equally efficient in larger doses in adult fowls, in indigestion, cholera and all liver troubles. Large box, 25 cents p. staid; five boxes, \$1.00. Sold on our money-back guarantee. Write for free literature.

The Coleman Company :: (Formerly of Carey, Ohio) :: Desk 4, Lexington, Ohio



First Pen Cockerel of Cleveland, 1909

COVERT'S

Narrow sharp barred fellows won in the great Coliseum show at Chicago, December, 1909, in competition with 239 birds in class. 2d hen, 3d cockerel, 3d pullet and 2d pen. Shape special on male. At Cleveland, 1909, won four regulars and color special on female on five entries. Choice breeding cockerels, pairs, trios and pens, also pullets that will breed prize winners at popular prices. Satisfaction guaranteed.

COVERT'S BARRED ROCK FARM
WILLOUGHBY : OHIO

the above described house with a run 30x150 feet? (5) Can I get hens to lay with wheat, corn, bran, middlings and how would you mix and feed and what amount would you feed 30 hens? (6) Would it be a good idea to feed hens and pullets to make them lay in winter that you want to use for breeders for next spring? (7) What is best feed for hens that you want to set eggs from? (8) Is a 9-pound Buff Orpington a little over a year old large enough to put with a pen of pullets? (9) Would building paper be good to line poultry house with? C. W. A.

Answer—(1) A curtain on scratching shed would be a good thing for stormy weather, and curtains on some of the windows would help. (2) The better quality of burlap is all right. (3) Curtains can be put on rollers or fastened on frames like window screens. Put on outside. (4) Twenty-five. (5) This is a very good feed and will produce results if plenty of green food and green



SILVER WYANDOTTE.

A prize-winning female. Bred and owned by Ira C. Keller, Prospect, Ohio.

cut bones are supplied. Feed wheat at noon, corn at night and make a mash of bran and middlings and vegetables for the morning feed. Feed just what the fowls will eat up clean in about five minutes. (6) Fowls intended for breeding purposes should not be forced for egg production. (7) Best quality whole wheat. (8) Yes. (9) Yes.

Question—What is the yearly egg yield of the Houdans? What is it of the white faced Black Spanish? What is it of the Rose Comb Black Minorcas? What is it of the Leghorns? (2) Do wood ashes make good dust baths?

J. R. P. I.

Chicago, Ill.

Answer—(1) We do not know of any record for the Houdan and the number of eggs laid by any variety depends to a great extent upon the breeder and the care and feed given them. (2) No.

Question—(1) Had the spurs on a seventeen months old B. Minorca rooster ought to be cut off? If so, how shall

I do it? (2) I have several B. Minorca cockerels that I want to breed from next spring, and as they annoy the hens, I have penned them by themselves. Will this injure them in any way for breeding purposes? W. S. Waterloo, N. Y.

Answer—(1) The spurs should not

feed them well on corn and oats and some ground green bone twice and three times a week. I notice that they eat their own and each other's droppings. What makes them do it and what will prevent it? (2) What is the best thing to sow in this climate on small lots to give green stuff the year

much green bone and not enough green food. (2) Unless you can get alfalfa to grow you had better try white clover.

Question—(1) Would a bunch of hens lay as well and lay as many eggs in a year without a rooster as with one? (2) For market eggs, do you recom-



INDIAN RUNNER DUCKS
Frogdale Poultry Farm
FRENCH LICK, INDIANA

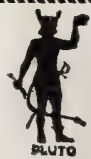
be cut unless he injures the females. If this is the case, saw off a part of the spur and smooth the edges with a file. (2) No.

Question—(1) I have a bunch of cockerels in a lot by themselves. I

round for them to pick. I have tried bluegrass, but from early in the fall till late in the spring they keep it picked too close. Alfalfa does not seem to do well here. W. A. G. Hendersonville, N. C.

Answer—(1) You probably feed too

mend having a rooster with laying hens and pullets. (3) Will eggs of this kind keep better than when a rooster is with the flock? (4) Will all eggs from hens without a rooster be infertile? (5) What is the youngest age of a rooster that you would recommend for breeding



White Wyandottes,
Rocks, Leghorns
Barred Rocks
Rhode Island Reds



Prices of
Eggs, Stock
and Baby Chicks
on Application

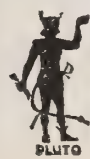
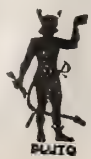
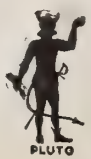
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Mammoth Bronze and
White Holland Turkeys



purposes? (6) What special care do you take of hens and roosters which are used for breeding purposes during moulting season?

Salem, Ill.

Answer—(1) Yes. (2) No. (3) Yes. (4) Yes. (5) Eight months. (6) During the moulting period fowls should be comfortably housed and not allowed to be out during damp or rainy weather. They should be fed on the best quality of feed and given all they will eat.

Comb White Plymouth cockerel and a Single Comb White Leghorn pullet cross? (2) About what will be the weight of their offspring? (3) Will they be as good a layer as a full White Leghorn?

Watertown, N. Y.

Answer—(1) There would be nothing gained in making a cross of this kind. (2) We do not know. (3) No.

Question—(1) How many points are

NOTES OF CINCINNATI SHOW, 1909.

While not up to some former shows at Cincinnati in number of entries, if there ever was a quality show this was one, and as usual the American Poultry Journal family had the best of it. Rhode Island Reds were the largest class and there were birds shown here that were strong enough to win at New York or Chicago. Our old friend, C. H. Buschmann, of Indianapolis, made a record unusual for one breeder in such a strong class, winning in Rose Combs 1st, 2d and 4th cock, 1st, 4th and 5th cockerel, 1st, 2d, 4th pullet, 5th hen and 1st pen, besides many specials, including championship cup for best R. I. Red male in the show, all Reds competing, also special for best colored male in American class.

Mr. and Mrs. Buschmann spent several days at the show visiting with old friends and making many new.

Charles C. Coulter, Frankfort, Ohio, who has been breeding for the past three years, made a most excellent winning on some grand birds. His 2d cockerel is a remarkable good Red, strong in type and color. A few weeks would make him a contender in any company. We predict a fine record for this male as a breeder and show bird next season. Besides winning 2d cockerel, 2d, 3d and 4th hen and 5th pullet, Mr. Coulter had a pullet fully the equal of any female shown, having nearly ideal color and type, but she was not quite ready for show. At some later show she would not fail to win in strong company.

White Rocks were a strong class, next to R. I. Reds in number and fully their equal in quality. George A. Muenzenmaier, Lebanon, Ohio, was a big winner, landing three firsts on a cockerel, pullet and hen that it would be difficult to criticize for either type, size or color. The cockerel had the long back and low, well spread tail that White Rock breeders are after these days, and buyers of eggs from the pen which this chap will head can count themselves lucky. Look up the ad elsewhere in this issue.

H. L. Brown, Oxford, Ohio, who has been breeding White Rocks for ten years and a regular winner at Cincinnati, fully lived up to his past record. He won 1st, 2d, 4th cock, 2d, 3d, 4th cockerel, 2d, 3d, 5th hen, 4th, 5th pullet, 1st, 2d pen. His first cock took special for best color male in the show. Judge Pierce pronounced him the whitest male he had seen, saying he was a wonder in color as well as shape. The cockerel heading first pen was practically of equal quality. With two such males to head his best pens Mr. Brown cannot fail to give his egg trade some extraordinary value. He has some 100 cockerels and 150 pullets still to dispose of. Knowing both him and his stock as we do we can recommend him to our readers without any reservation.

In Buff Orpingtons and Black Orpingtons we doubt if any better birds will be shown this season than Mr. Milton W. Brown, of Cheviot Farms, had in his two pens of these varieties. He won first on each. A more extended mention of Cheviot Farms will be found elsewhere in this issue. Judge Loring Brown said: "I have never seen anything equal to the Cheviot Farms first Cincinnati pen of Buffs."

The best winner in open classes in S. C. B. Orpingtons was Edward Chambers, of Aurora, Ind., an old and successful breeder of this variety. He took ribbons on 1st, 3d, 4th cock, 1st, 3d, 4th hen, 2d cockerel and 2d pullet. His birds have been consistent winners at a number of shows, his first cock having a record of seven firsts. As a pen header he will be a valuable asset. His second cockerel is an especially typical Orpington.

Dillon & Bell are always good winners at Cincinnati and as usual got their share in all varieties shown by them. When a breeder of several varieties can win on all of them at Cincinnati he has something to back up his claims as a breeder. In Columbian Wyandottes they won 1st cock, 1st, 2d hen, 2d, 3d pullet, 1st and 2d hen and all specials. In White Wyandottes, 1st cockerel, 2d hen, 3d, 4th pullet, 2d pen. The cock in 2d pen was easily the best Dott in the show, and Cincinnati is noted for the quality of the White Wyandottes shown. This cock would attract attention anywhere.

In S. C. Buff Orpingtons they won 2d hen, 3d pullet, 2d pen. In S. C. R. I. Reds, 3d cock, 3d hen. In R. C. R. I. Reds, 1st hen, which took the special offered for best colored female in the show.

The show was a financial success, due to the conscientious efforts of its able staff of officers, and was one of the best conducted shows ever attended by this writer.

"We lead, others follow."



A Houdan pullet of splendid proportions. Bred and owned by Rev. C. E. Petersen, Bridgton, Me.

A little poultry tonic twice or three times a week will also be good for them.

Question—(1) Will hens lay as good not to be with roosters as they will to be with them? (2) Which has the high record, the White or the Brown Leghorns, of eggs this year? (3) What kind of lice powder do you use? (4) What kind of roup cure do you use?

Gastonia, N. C.

W. P. G.

Answer—(1) Yes. (2) The White. (3) See ads. in this issue. (4) See ads. in this issue.

Buff Orpington combs? (2) Standard weight of Orpingtons?

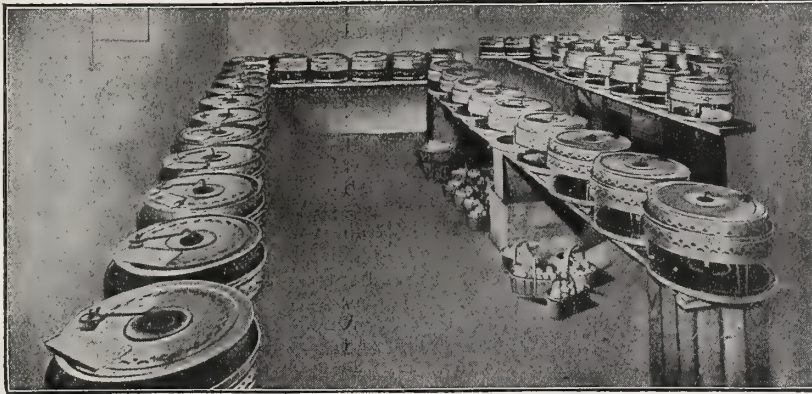
F. B. M.

Answer—(1) Five. (2) Cock, 10 pounds; hen, 8 pounds; cockerel, 8½ pounds; pullet, 7 pounds.

In a recent issue J. E. G., of San Antonio, Texas, asked where he could secure some Buttercups. We received so many inquiries asking for the full name and address of J. E. G. that it is impossible for us to answer all of them. However, we discovered that there are a goodly number of breeders of this variety in this country, but very few of them are advertisers. They should become advertisers and let our readers know what they have to offer.

Question—(1) How will a Single

A Little Poultry and a Living



Is the title of a little booklet we will mail free. It was written by the author of the PHILO SYSTEM BOOK, who makes every one of his hens pay him a profit of \$50 to \$100 each.

Metal Mothers

**Our New Discoveries
Make Poultry Keeping
Easy and Profits Sure**

Valley Falls, N. Y., Nov. 18, '09.

The Cycle Hatcher Co., Elmira, N. Y.

Sirs:—I have used your incubators, both the Cycle Hatcher and Brooder Hatcher, during two seasons, and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatcher makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders. Very truly yours,

(Rev.) E. B. Templer.

The Cycle Hatcher Co., Elmira, N. Y.

Gentlemen:—No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$960 running our hatchery plant consisting of 56 Cycle Hatchers. We are pleased with the results, and expect to do better the coming year. With best wishes, we are, very truly yours,

(Mrs.) C. P. Goodrich,

Elmira, N. Y.

Our machines were used exclusively in the original Philo System plant, where over \$1,500 FROM 60 HENS IN TEN MONTHS has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four Metal Mothers, and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steady as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chickens like the mother hen.

Our 1910 Pattern Metal Mothers

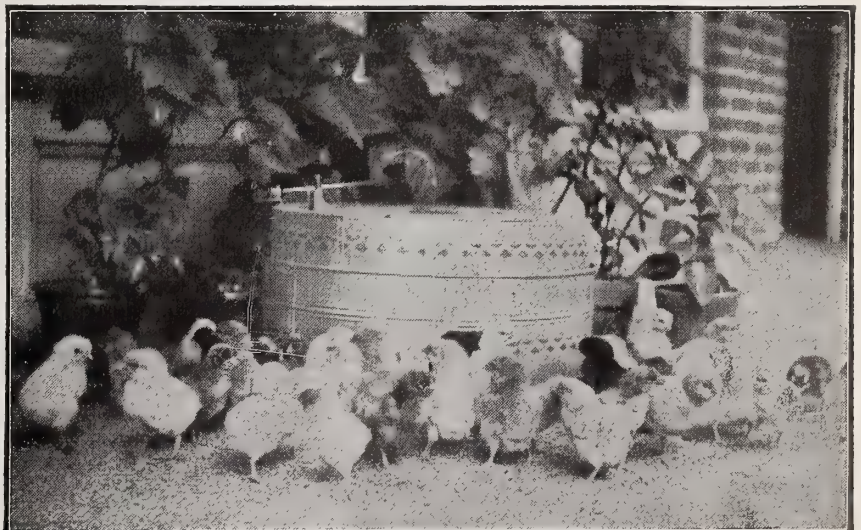
are the perfect results of the latest discoveries in artificial incubation. They will hatch hens, ducks, turkey and goose eggs equally well and at the same time. Regulation of moisture and heat entirely automatic.



Large stock of machines at Oakland, Cal., our western shipping point. Write the Cycle Hatcher at the above address for Pacific coast prices.

One Metal Mother complete, \$7.50; two, \$14; four, \$24. One Cycle Hatcher complete, \$5; two, \$9; four, \$17; six, \$24.

The booklet "A LITTLE POULTRY AND A LIVING," fully illustrated and describing these machines, and a complete line of the most approved poultry appliances, mailed free.



Cycle Hatcher Co., 214 William St., Elmira, New York

SUBSCRIPTION DEPARTMENT

A WORD TO THE WISE IS SUFFICIENT.

We are now opening our great eleventh annual subscription offer and you will find full particulars of same on pages 8 and 9 of this issue.

The first prize on this offer is a \$600 Wing piano, manufactured by the old and well-known firm of Wing & Sons, 372-385 West Thirteenth street, New York City, N. Y., and if you want to know more about the excellent qualities of this piano write direct to Wing & Sons for a copy of their book, "A Standard Piano." This does not obligate you in any way, and you can see for yourself the piano we are offering. It is their Style 21 piano.

Fowls, incubators, brooders and cash are also being given, ranging in value from \$100 to \$15, and if you want some of these prizes it will be well for you to turn to page 8 and 9 of this issue, which gives you a better idea of the magnitude of this offer. If you want more particulars write to us and we will be pleased to furnish same.

We have hundreds of letters from agents who have won prizes in the past thanking us for the grand prizes they won. We have published several of these in every issue of the American Poultry Journal and will guarantee that each and every person entering this contest will receive equally as much attention and fair play.

Besides these prizes we are going to give each agent a present of one of our grand books, "Origin and History of All Breeds of Poultry." This book should be in every poultryman's library, and full particulars of contents will be found on page 37 of this issue. Remember, a copy of this book will be given absolutely free to each agent sending us six subscriptions. Monthly prizes are also a feature of this contest, and to the agent sending us the most subscriptions during the month of January a \$20 incubator or brooder will be given. To the second man a \$15 pen of fowls, to the third a \$10 incubator or brooder. The agent may select his fowls, incubators or brooders from any advertiser in American Poultry Journal.

Complete details of this special January offer will be found on page 9 of this issue. Further information, sample copies and other supplies can be had for the asking. Address American Poultry Journal Publishing Company, 358 Dearborn street, Chicago, Ill.

SATISFIED.

Scranton, Pa., July 9, 1909.

The American Poultry Journal, Chicago, Ill.

Gentlemen: I received the trio of fowls that I won as my premium on your tenth annual subscription contest. Many thanks to you and Mr. U. R. Fishel for the birds, for he certainly

sent me three nice birds. I am more than pleased with them. I remain,
Geo. J. Grimm,

Scranton, Pa.

A HUMMER.

You can get American Poultry Journal, Commercial Poultry Journal, American Poultry Advocate and Poultry Item—a \$2 value—all four for \$1. Better take advantage of this combination and send your subscription to American Poultry Journal, Chicago, Ill. Complete details on another page of this issue.



L. W. RANKER.

Breeder of Single and Rose Comb Buff Leghorns and winner of eighth prize on our tenth annual subscription offer.

This offer is good for renewals as well as new subscriptions.

A REMINDER.

Farm Poultry, Western Poultry Journal and American Poultry Journal can again be obtained for one-half price or 75 cents. If your subscription is about to expire you better renew now, as we do not know how long this offer will last—\$1.50 value for 75 cents. Send your subscription to American Poultry Journal Publishing Company, Chicago, Ill.

Germantown, O., June 28, 1909.

Dear Sirs: I desire to acknowledge the receipt of the premium sent me and express my thanks for same, and feel more than repaid for the little effort put forth in securing the subscriptions.

Wishing American Poultry Journal every success, I remain, Yours truly,
Henry Oehler.

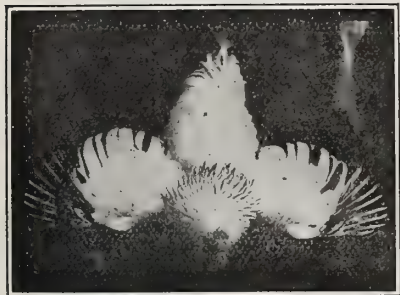
THE BLACK ORPINGTON BEAUTIFUL.

"Those are the most beautiful chickens I ever saw," said a friend as he looked for the first time upon a flock of Black Orpingtons, of which we were the fortunate possessors. And the conviction came to us again, as it had many times before, that they were truly, of all fowls, the most attractive, quite apart from any personal fancy or preference we might have. And this, we may say, is our abiding conviction, for we have never yet heard any observer of this variety, either in our home yards or at the shows, express anything but admiration at the sight of a big, sturdy Black Orpington male, however some may be disposed to demur at the statement that any black variety may really be considered beautiful. And yet had we never seen anything in color upon a Black Orpington save the black—the dull, dead black—we confess we never could have become so infatuated with them. But as a matter of fact we didn't see the black so much as we did the soft, lustrous green, which is so untiringly fascinating to the eye, a color which one never experiences the sense of weariness in beholding. And reader, you may talk about the red, the white, and perhaps the blue, and you may add to these the variations of stripes and dots, and also the bars, but tell me, what color of them all is so pleasing and absorbing to the eye as the green? Why is it that every traveler who visits the "Emerald Isle" expresses so enthusiastically his impression of what he sees, as dressed in nature's own beauty? And why is it that we admire, almost to reverence, the green sward on yonder hillside, where "God so clothes the grass?" It is due, in a word, to color impression. And this color is the green, which ever leaves in the mind such a pleasing and lasting impression. And the general surface color of a well bred Black Orpington is the same. We have, therefore, no hesitation in saying that so far as color is concerned the Black Orpington is the most beautiful fowl of the day. And yet it may be said that in this particular they are in the same class with other black varieties, notably the Black Langshan. But while the Langshan is admitted by all to be a beautiful and useful fowl, in shape they are not in the same class with the Black Orpington. And besides shape it should be remembered that the Black Orpington is the largest, clean-legged variety we have, which is arrayed in plumage of green. For we judge that the presence of feathers on the legs of any variety is objectionable and unsightly, if not uncleanly. At least few would admire such a feathery effusion, but would be more inclined to look upon such a condition as a necessary but offensive evil.

But it is in the shape of the Black Orpington that we have, perhaps, the

strongest reason for declaring them the most beautiful. Though it may be a question whether color or shape, in general, forms the chief feature of beauty. It is the combination of both these, in fact, that must be considered, if beauty, as such, is to be determined. And there is no shape among thoroughbred fowls like that of the Black Orpington. It is a shape that may be termed princely, and one that bespeaks great strength of constitution. Broad, full and deep, describe its outline, which is singularly suggestive of beauty and great utility.

If, then, this fowl combines in so unusual a degree the two chief elements belonging to beauty as found in color and shape, what is there left to prove that they are the most beautiful fowl extant? For it may be seen by the most casual reader that they are easily proven, as a variety, to be unique in such a combination. For while there are other varieties of the same family that have the same description of form, or shape, given them, these are the most beautiful in color, and have attained thus far that shape most perfectly. And, again, while there are other breeds of the same color, as the Black Langshan already referred to, still in the Black Orpington we have the most desired and also the most desirable shape. It may, therefore, be readily concluded that the Black Orpington has



A study in good wings and hackle; 8-months-old Columbian cockerel bred and owned by C. L. Patterson, Barberton, O.

an advantage over both the Langshan and its sister varieties among the Orpingtons.

In dilating upon the beauty of the Black Orpington we can hardly conclude our article without referring to their great utility value, though this phase of the subject is a little foreign to what we have in hand. Yet it has become no secret that this excellent variety is celebrated for its unsurpassed laying and market qualities. And no fowl, we would say, has given less disappointment to those who have taken them up, from the utility standpoint, than have the Black Orpingtons. And I would invite any who may have had any experience with them in a disappointing way to look closely to the cause, and see if it was not something for which the variety, as such, was not responsible.

Different strains of any breed of fowls may be developed and established, but no variety was ever created and launched forth, we are persuaded, with a more favorable beginning and brighter outlook than were the Black Orpingtons. A noble, prepossessing fowl that a few years ago captivated England, and still continues to gain in favor and popularity, not only in that country, but increases in favor throughout the whole world.

Dr. Geo. B. Edwards.

Laceyville, Pa.

S. C. WHITE LEGHORNS

The quality kind, bred exclusively for ten years. Unparalleled wins in some of the best competition. Don't fail to write for circular. Both stock and eggs for sale.

Bed Rock White Leghorn Farm : C. C. Foster, Proprietor : Quincy, Michigan

Parmenter's S. C. W. Leghorns

First prize winners Chicago and Springfield, Ill., 1908-9. At the recent great Mo. State Show, St. Louis, in a very large and hot class we won second and fourth cockerel, second pen and third cock. If in need of high class exhibition or utility stock, send me your order. I can do you good and will treat you right.

Robt. D. Parmenter - - Knoxville, Illinois

Golden Wyandottes

Prize winners. Have some choice exhibition birds now ready to ship. Eggs from choice mating. Write for prices.

Phil Farren - Columbia City, Indiana

Barred Rocks

I breed Rocks that have that brightsnappy color and even barring that is so hard to get; I also have large size and correct type. I can supply you with exhibition birds or breeders to improve your flock. Both chl. and pullet line.

Geo. W. Bachman -:- North Baltimore, Ohio

WE ARE FROM MISSOURI

Where we exhibited at the BIG STATE POULTRY SHOW held at ST. LOUIS, December 7th to 11th, 1909, 5281 ENTRIES spells COMPETITION of the HOTTEST QUALITY, competition which will not be duplicated in any show in AMERICA or the WORLD and never before equaled only by the WORLD'S FAIR. The CARVER and AVEY STRAIN of

PARTRIDGE AND SILVER PENCILED WYANDOTTES

sustain their reputation by winning the majority of all REGULAR PRIZES and CLUB SPECIALS. In fact, winning more first and second prizes than all the other exhibitors combined. Winning 17 prizes out of a possible 24. On PARTRIDGE WYANDOTTES we won 1st cockerel, 5th cock, 1st and 2d pullet, 2nd and 4th hen, 1st pen. SILVER PENCILED WYANDOTTES, 1st, 2nd, 3d cock; 1 and 2d cockerel; 1st, 2d, 5th hen; 4th and 5th pullet; no pen shown. Do you want some PRIZE WINNERS or HIGH CLASS BREEDERS? We have them in both varieties in any quantity at reasonable prices. Twenty fine breeding pens consisting of four females and a male bird mated for very best results and guaranteed to be PERFECTLY SATISFACTORY in every particular at \$15 per pen. 300 EXHIBITION cocks, cockerels, hens and pullets, fine enough for any show or any competition. We are the LARGEST SPECIALTY BREEDERS OF PARTRIDGE and SILVER PENCILED WYANDOTTES in AMERICA.

CARVER & AVEY : BOX A - COLUMBIA CITY, INDIANA

Buff Rocks

At the big Missouri State Show held in St. Louis, December 11 to 16, won cash special for best display, State Club cup given for best cock, cockerel, hen and pullet, 2d and 5th cock, 3d, 4th and 5th hens, 2nd pullet, 4th pen. Winners in our largest shows for the past fifteen years. Show birds and breeders for sale. Send for booklet.

E. L. Delventhal Buff Rock Specialist Box A, Warrenton, Mo.

BARRED PLYMOUTH ROCKS



OLD DOMINION STRAIN- First cockerel and fourth cock at Washington, D. C., on two entries. Single Comb Brown Leghorns-Winners, layers. Grand exhibition stock bred from a choice lot of winners. Utility stock, the finest stock I have ever raised. Don't fail to get my prices. They are sure to please you. Mention American Poultry Journal.

Chas. C. Wine Route 1 Mt. Sidney, Virginia

ASSOCIATIONS AND SHOWS

Secretaries are requested to send in news items of interest about their show for this department.

THE WASHINGTON (D. C.) SHOW.

Today the Columbia Poultry & Pigeon Association closed the most successful show that has ever been held in Washington. The writer has predicted more than once in these columns that Washington was destined to have a great poultry show in the near future—one that would stand in the class with Madison Square Garden, Boston and others. His expectations are being realized more rapidly than was even dreamed of. It can readily be seen that when merchants, real estate dealers and others of high business qualifications join hands for the express purpose of accomplishing anything that progress is inevitable. The promoters are highly pleased over their success. The show is growing by bounds and leaps notwithstanding the adverse ordinances passed by the commissioners to raising chickens in the District of Columbia. This is unfortunate not only for the show association but for those living in the District of Columbia who like to raise chickens for home consumption as well as fancy stock. Let us hope that such adverse ruling will soon be revoked and thereby aid one of the greatest and most essential industries of the day. Nothing is doing more to promote this magnanimous industry than the multitude of poultry shows that are being held all over the country. The one just closed in Washington brought together the finest lot of birds ever assembled in the nation's capital, as is clearly shown by the many complimentary remarks made by visitors from New York to Oregon and from Michigan to Porto Rico, and from other countries as Austria, Belgium and others. Ambassador Henglemuller, baroness and daughter of Austria were very enthusiastic over the show, saying it was the nicest lot of poultry they had ever seen. Ex-Representative and Mrs. R. E. Doan, of Ohio, were among the distinguished visitors. Representative Doan spoke in the highest terms of the great success that is being made in the poultry business, and especially of the high quality of the Washington exhibit. Representative Clayton, of Alabama, said he had attended many poultry exhibitions in different parts of the country, and the Washington show was the nicest he had attended; that the quality was superior to any he had seen. Ex-Senators A. C. Parkinson and L. L. Smith were much delighted with the exhibition, saying it was of the best quality and finest display of poultry they had ever seen.

Baron Ambrosy, of the Austrian legation, was one of the most delighted visitors, and had nothing but words of praise for the high quality of the show. Hon. Ashley M. Gould, judge of the supreme court of the District of Columbia, was well pleased with his visit and spoke very highly of the exhibition. W. M. Sickels, superintendent of the Indian school and reservation at Luc Du Flambeau, Wis., says he has visited many poultry shows, some larger than the Washington show, but never in his life had he seen better quality than he saw here.

Many visitors who had been raised in the country and now have their country homes with poultry on their places were really astonished at the beauty of many of the birds exhibited.

The attendance was good throughout the week, and the management succeeded in getting many more men of wealth and influence interested than had ever been done before.

Hon. James Wilson, Secretary of Agriculture, who holds the reputation of being longer in the President's cabinet than any other man who has held a cabinet position, formally opened the show with an address which contained many valuable and instructive remarks. Hon. B. H. Warner responded.

P. B. Chase, owner of Chase's Theater and of the building in which the show was held, became so enthusiastic that he says he is going to stock up his Ohio farm. He bought one pair of Bronze turkeys at the show for \$75 and is going to send them to his farm. There were many other sales of poultry made, which helped to make the show profitable for the exhibitors and thereby added to its good name for the future.

The show was held in a large room which had been appropriately and elaborately decorated free of charge with evergreens, flags and bunting by Gude, one of Washington's leading florists. Many nice and valuable cups were donated by hotels and individuals as special premiums.

The show was a grand success in more ways than one. In its closing hours the officers, exhibitors and visitors all seemed to be in the best of spirits, and all seemed to have been benefited by its presence.

Mr. Washington Waters, president of the association, tells me that it is the ambition of the association to make the Washington show a nation show, such as the Crystal Palace show of England. Washington is the ideal place for such a show, because of its being the national capital and also its geographical location. This idea deserves the consideration of all the poultry associations in the United States. The exhibiting of poultry in this country has grown to such a stage that there should be one show as a climax of all the shows in the country, and thereby add to the ambitions of the winners all over the continent.

Thomas D. Gannaway.

GREAT INTERNATIONAL SHOW.

The idea of holding in Buffalo a great international show of poultry, pigeons and pet stock on January 24-29, 1910, has met with such favor among the clubs and fanciers on both sides of the line that the management had to look around for a larger place than Convention Hall for holding the show.

The large Broadway Arsenal has been secured, which will hold 4,000 birds without tiering, and has in conjunction with it a convention hall and many small halls for club meets and special exhibits.

Send At Once for
the Best Incubator
Catalog Issued—Free



The Most
Durable,
Simplest,
Surest Hatcher in
Existence

Don't Waste Your Time Experimenting
With Cheaply Built Machines

Seventeen different sizes Incubators and Brooders with hot-water or hot-air heating system. Our ventilation system prevents chicks dying in the shell. Prices within reach of all. Quality outclassing every other make. For sixteen years the

Successful & Eclipse Incubators and Brooders

have given better satisfaction than any other machine on the market. Booklet, "Proper Care and Feeding of Chicks, Ducks and Turkeys," 10c. Up-to-date Poultry Paper, 1 year, 25c. Catalog free. Address

DES MOINES INCUBATOR CO.

1 2nd Street, Des Moines, Iowa

Pin Your Faith to the
16-Year Success

The Best
In the World

Our machines are doing wonders at hatching in every state of the Union; wonderful results reported from the cold and low lands in Canada; the hot climate and high altitude in Mexico. From the dry country in Colorado and the damp atmosphere in the New England States, and hot South America; from 6,000 feet above the sea level in India; the mild climate in Australia; far eastern Japan and every country in Europe. We outatched them all—home, as well as all leading foreign makes.

We Have the Records
to Prove This



Do You Know Hummel?

He can and will save you money on first-class birds, young or old, either sex, all varieties in the following breeds:

Plymouth Rocks
Black Langshans
W. F. Black Spanish
Blue Andalusians
Houdans
Toulouse Geese

Wyandottes
S. S. Hamburgs
R. I. Reds
Red Caps
Orpingtons
Bronze Turkeys

Cochins
Leghorns
Buckeyes
Polish
Pekin Ducks
White Holland

Light Brahmas
Minorcas
Bantams
Games
Rouen Ducks
Turkeys

Write him at once for his free 1910 Catalogue. Mention American Poultry Journal and tell him just what you want. Address

S. A. Hummel, Box 52, Freeport, Illinois

The aldermen voted the use of this hall for the exposition. The great interest taken in the International Show, aided by the Chamber of Commerce and the Manufacturers' Club and the Retail Merchants' Association, bespeaks a great local attendance.

The program for the entertainment of visitors is about completed, and everybody is guaranteed a good time. The railroads will run day excursions at exceptionally low rates from points not too distant, and the reduced rates hold good for the whole show week.

The list of Specialty Club meets is still growing, having added, since last announcement, the Ancona Club, Rhode Island Red Club, Buff Wyandotte, Cornish, Barred Rocks, American Tumbler, Western Tumbler and the Pouter Clubs. Several clubs have not yet voted on their next place of meeting, but can be relied on for selecting Buffalo, because of the liberal inducements put up by the International Poultry Department of the New York State College of Agriculture, at Ithaca, N. Y., which, working in conjunction with Prof. Graham, of Guelph College, Ontario, are putting on a specially instructive exhibit at this show.

Prizes will be awarded in contests among the students of several colleges on judging poultry and plucking and dressing fowls. Several speakers have been engaged for each day and listed on



Two Ways to Help the Hen!



Digestible protein is all that counts for results in poultry feeding. That's what makes eggs—furnishes strength and vigor to the fowl. A food may be rich in protein and still of no real value to the poultryman unless that protein is digestible. The following letter will show how the big poultrymen have solved this problem, and should prove the real value of

LEE'S EGG MAKER

in feeding for eggs. Mr. Hammons is manager of one of the largest (if not the largest) poultry farms in the world; his experiments have extended through a period of years and here is his letter, in his own words, under date of Oct. 25th, 1909.

Geo. H. Lee Co.

Gentlemen:—I just noticed in one of your books copy of my letter to you of two years ago showing phenomenal results I received from feeding Egg Maker during December, 1907. (Average per hen 16.3 eggs, at a feeding cost of 6 1/2 c per dozen). But this year my yearlings beat all previous records in the history of our business, having averaged 41 per cent egg-production during the moulting season. They are just finishing the moult and in fine condition. Last year during the moult the flock averaged 38 per cent; the year before 33 per cent. I attribute my success entirely to my method of feeding—proper proportion of good digestible protein which I have found only in Lee's Egg Maker.

(Signed) PACIFIC POULTRY CO.,
Los Angeles, California.
D. H. HAMMONS, Supt.

Digestible protein is what the scientific poultry feeder searches for; it's what you want for your fowls. That which is a profitable food for poultrymen with 10,000 layers will be of proportionate value to you. Lee's Egg Maker is not a medicine in any sense of the word, but a scientific food product based on Mr. Lee's observations during his more than twenty-five years of actual work with poultry. It is not a theory but a reality. Contains not a particle of cheap and worthless filler and is of equal value for laying hens, all penned-up poultry, or as a growing food for little chicks.

We guarantee it can be fed to the exclusion of all other forms of meat food at less feeding cost and with better results from every standpoint.

Price: 25-lb. pail, \$2.00; 100-lb. drum, \$7.00; freight paid in 100-lb. lots. Handled generally by merchants, but if your dealer doesn't have it, send your order direct to us.

GEO. H. LEE CO., 1101 Harney St., Omaha, Neb.
General Agents everywhere. Write for name of one nearest you.

GERMO- ZONE

is the

BEST PREVENTIVE

and CURE for ROUP

Cholera, Chickenpox, Bowel Complaint and other diseases of a similar nature. It is not a cure-all for every disease of poultry, but its general use throughout the entire poultry world proves conclusively that it is the best poultry medicine obtainable. Germozone has special value in that while it cures and prevents disease at the same time there are absolutely no injurious after effects from its use. It is a germicide; a system builder; a tonic. It works from the bottom up—goes to the seat of the trouble and effects a permanent cure.

It should be given in the drinking water twice a week to prevent contagion and disease and keep the fowls in a healthy, vigorous condition. You can buy it either in liquid or tablet form (both equally good) at 50c per bottle or package. Some poultrymen say Germozone is worth its weight in gold. Certainly it will be the best investment you ever made, if you expect to succeed with poultry.

Write for free copy of our latest book, "Lee's Chicken Talk," written by Geo. H. Lee himself. Also for catalog of Mandy Lee Incubators and Brooders. You need them and we want to send them to you.



LADY GRACE.

An ideal Bateman Langshan. Bred and owned by J. T. Bateman, Waverly, Ill.

the program for talks on subjects of interest to all fanciers.

The judges selected to date are Butterfield, McNeil, Drevensteadt, Schwab, Minchell, Burgott, Denny, Webb, Jarvis, Harp, Wagner, McKenzie, Ewald, Young, Gorse and Boulthée.

The exhibit of pigeons will be one of the largest ever seen at one show, as has been already guaranteed by the several clubs.

The canary room will be the parlor of the show, filled with hundreds of valuable specimens of feathered pets. The Canadians are coming over strong, expecting to carry back a number of the cups, medals and cash specials.

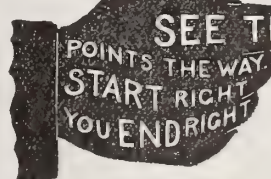
Premium lists mailed December 10. Send a card with address and be put on our mailing list.

Address International Show, 309-11 Brisbane building, Buffalo, N. Y.

RUTHERFORD, N. J.

The Rutherford, N. J., Poultry, Pigeon and Pet Stock Association will hold their tenth annual show January 13-15. The association has added to their usual large number of cups and cash specials and have a large list of other specials, covering every Standard variety of poultry. This organization is backed by a strong bank account and every prize offered is guaranteed. Rutherford is in the center of a great suburban neighborhood of the better class, contiguous to New York City, and this show offers an opportunity

YOU WILL GAIN 30 PER CENT IF YOU USE EGGS TESTING "XX"



Cost saved before hatch begins

THE MAGIC EGG TESTER will show the best eggs for hatching BEFORE you put them into the incubator.

Prof. Wallace Mead, the great London authority says: "The sensation of 1908, and the poultrymen's guide henceforth."

Weak eggs cost the poultrymen thousands of dollars daily. Don't wait, order now and use while bringing the eggs up to full strength. Your hens are just right when their eggs test "xx," and not before. "Strongest germs are in the eggs testing 'xx.'"—SEILER

Testimonials from well-known poultrymen testing 800,000 Eggs

A purchaser may use the Tester until the first hatch is off, after which a further trial of sixty days will be allowed. Purchase price then returned if not satisfied. Nothing to lose, everything to gain. Fully guaranteed to be just as represented. 12,000 in use. By mail, complete, on receipt of \$2.00. MAGIC EGG TESTER WORKS, Buffalo, N. Y.



ALLISON'S BUFF ROCKS

World Wide Winners—We cannot tell you in this space all we want to say about the merits of our Golden Nuggets, so send and get our list and prices. Our birds have won at the leading shows and always in the hottest of competition. Why not get the best and win or if you want utility stock we have the vigorous birds. I guarantee to please you or money refunded.

E. C. Allison : Edinburg, Indiana

Wonderful "Awl for All"

This little tool is a marvel. Regular hand sewing machine. Will mend any thing from thin fabrics up to heavy shoe and harness leathers. Worth its weight in gold. Easily carried in the pocket ready for any emergency. **Only \$1** postpaid. Special terms to agents. Big money maker. Write today for territory. Book 51 free. C. A. Myers Co., 6537 Woodlawn Ave., Chicago

Davis

Poultry Food Tonic

Guaranteed satisfactory; your money back if you say so.

\$1.50 for 25 lb. **100 lb.** for **\$6.00**
trial bag. sack for

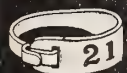
Increased facilities permit filling orders day received.

DAVIS STOCK FOOD CO.

2301 Cottage Grove Ave. CHICAGO



SMITH SEALED



LEADER
ADJUSTABLE

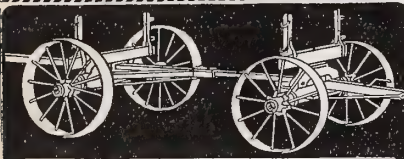
LEC BANDS

Get our samples and prices before buying. Largest and best line on earth.

Smith Sealed. Used by America's leading Fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; postpaid.

Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid, 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.00; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 502, Battle Creek, Mich.



ELECTRIC Handy Wagon

Not the man-killer, horse-killer kind. Gives you the low lift instead of the high lift. The broad-tired steel wheels prevent rutting and make light draft. Over a hundred thousand farmers are using the Electric Handy Wagon—the best kind of wagon, the best of its kind. It carries all loads and stands up in all climates. Send for free catalog, and know the Handy Wagon that lasts your lifetime. Don't wait, send to-day.

ELECTRIC WHEEL CO., Box 5, QUINCY, ILL.

POULTRY IN VIRGINIA

Good Land \$10 and Up PER ACRE

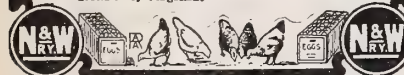
A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

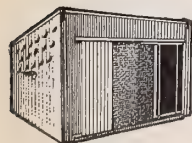
Send to-day for booklet and additional information about Virginia.

Address F. H. LaBAUME, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.



The All-Iron COOP Vermin-Proof

Protect Your Chicks



They will be dry and warm as well as safe in our exclusive pattern galvanized-iron coop. Rats, mice and weasels cannot enter.

Real Sanitary Quarters

No wood. Can be taken apart and stored. Has three different sliding doors in one. No other coop like it or as good. Shipped knocked down. Write today for free circular.

Des Moines Incubator Co.
244 Third Street, Des Moines, Iowa

for the sale of stock at good prices. Rutherford has excellent express facilities and all fowls coming in will immediately be sent to the hall, avoiding any delay whatever. The show will be held under A. P. A. rules and the judges, Messrs. Davey, Stanton and Yelton, are of national reputation. The superintendent has had wide experience in handling birds in showroom; they will have the best of care and are shown in Empire coops. Premium list will be ready to mail December 6; entries close January 1. R. H. Wilcox, Sec'y, Hasbrouck Heights, N. J.

THE GREAT ATLANTA SHOW.

The second annual exhibition of the Georgia Poultry Association will be held in the city of Atlanta, Ga., January 18-23, 1910. The show will take place in the Auditorium-Armory, one of the finest show rooms in the country. This show is the great annual poultry event of the Southern states, and is patronized by the breeders not only from the South, but from almost every section of the country. A winning at the great Atlanta show carries with it great prestige, and for that reason alone it will pay you to show at the Atlanta show. Situated in the very center of one of the finest poultry sections of the country, where thousands of people are becoming interested and going into the poultry business, an exhibit at the Atlanta show will do you more good than at almost any other show in the country. The attendances at the Atlanta show are enormous, and thousands of dollars change hands each year at this show for stock and eggs. The show this year will have many new and attractive features, and will be the best poultry exhibition ever held in the South. The cooping will be under the direction of the Spratts Patent Company. Besides the regular cash premium list, there will be posted a big list of cash specials and many handsome silver cups and trophies. A big bench show will be held in connection with the poultry show, under the rules of the A. K. C. The best judges in America have been engaged to judge the show. Don't fail to show at Atlanta. For premium list and entry blanks address C. O. Harwell, 113 N. Fryor street, Atlanta, Ga.

KANSAS CITY, MO.

Unlike the circus showman, we don't say, "Wait for the Big Show," but show wherever you can, but remember the "Big Show" is at Kansas City January 11 to 15—the right time to show birds. At this time they are in full finished plumage, complete in every way and in every way ready.

This is a winners' show; coming well after the fall fairs and other early shows, it presents an opportunity for a final comparison of a lot of blue ribbon winners. A winning here is a winning to swear by and advertise. The same liberal prizes and the ever present square deal awaits every exhibition as usual, and the crowded show rooms mean the usual heavy sales at good prices.

The "Old Guard" knows this for the quality show of all the West. Those who have not been here before, should get into good company.

You know that Kansas City is a "live wire," the center of the universe—at least the poultry universe—and, like Rome of old, all roads lead to it; so all express companies are at your disposal.

So come to Kansas City and bring your best. Let Hewes and Pierce and Kummer and Branch look them over and stamp them as the real thing.

At the great Convention Hall, as usual, January 11 to 15. Ask the secretary, P. H. DeFree, 932 Jackson avenue, for premium list, and do it now.

ANDERSON, IND.

The second annual show of the Hoosier Fanciers Association will be held at Anderson, Ind., February 15 to 19, 1910. Judges, George Ewald and D. T. Heimlich. Their first show last year brought exhibitors from five states, seven hundred entries, and everyone pleased.

This association has its own hall and owns its own coops, and are on a sound financial basis, and all premium money is personally guaranteed by each and every officer. They will have about twenty silver cups, all beauties.

Premium list now ready. Address N. M. McCullough, Sec'y, Anderson, Ind.

"We lead, others follow."

Healthy Chickens Bigger Profits

will result if your coops and nests are kept free from lice, mites and other poultry pests by the use of

Vitazone

Vitazone positively destroys lice and mites, no matter how badly the coops are infested. Destroys odors, prevents disease, cures roup and colds.

Vitazone lasts a long time—is inexpensive and comes in various convenient forms and sizes.

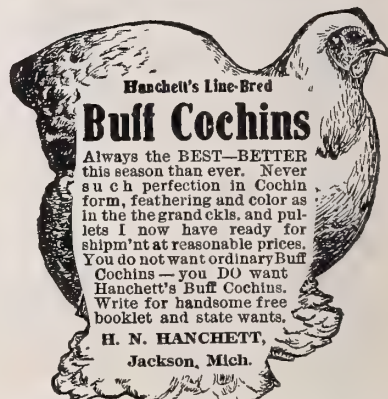
Ask your dealer, or send 25c in coin or stamps and dealers' names, for two large sample cakes and valuable booklet on poultry house sanitation.

AGENTS WANTED

Fuller Manufacturing Co.

100 11th Street
Beaver Falls, Pa.

Specialists in Disinfectants.



Hanchett's Line-Bred

Buff Cochins

Always the BEST—BETTER this season than ever. Never such perfection in Cochins form, feathering and color as in the grand chicks and pullets I now have ready for shipment at reasonable prices. You do not want ordinary Buff Cochins—you DO want Hanchett's Buff Cochins. Write for handsome free booklet and state wants.

H. N. HANCHETT,
Jackson, Mich.

MAKE YOUR HENS LAY

30 Days
Trial
Free

You can get more eggs from your hens now by feeding them properly cut green bone. Prove it yourself. Let us send you a

STEARNS BONE CUTTER

for thirty days free trial. If you do not feel that it is

the poultryman's greatest money-maker, don't pay for it. Write for our catalogue and free booklet "How to Make Poultry Pay."

E. C. STEARNS & CO.,
Box 5, Syracuse, N. Y.

Uncle Sam Says: "Spraying Pays"

Our Government carefully studies spraying—says it pays big. Many officials say that no machines are quite equal to

DEMING SPRAY PUMPS

—used by Experiment Stations and Field Experts everywhere. "Efficient and satisfactory,"—Pa. State College. "Highly recommended," writes the Asst. Entomologist of Tenn. Catalog free. Ask your dealer. The Deming Co., 737 Depot St., Salem, O.

SPECIALTY CLUBS

This department is for the use of all Poultry Clubs and the Secretaries are requested to make liberal use of same.

NATIONAL BLACK ORPINGTON CLUB.

The annual meeting of the club took place at the Chicago show December 8 at 3 p. m.

The secretary-treasurer's report showed an increase of over 100 per cent in membership during the year and for the first time in the club's history a substantial balance in the treasury.

The place for the next annual meeting was discussed and St. Louis favored, provided the membership of the club were favorable and the show inducements there as favorable as this year.

Numerous awards were set aside for the shows next year in the way of cups, medals and club specials.

A goodly sum was also set aside for the purpose of advertising the breed.

A club emblem was decided on and will be for sale to members only.

A committee was appointed to confer with the revision committee to recommend on behalf of the club that the Standard type for the Black Orpingtons shall be a modification of the present Standard in the following respects:

Legs very slightly shortened.
Neck slightly shortened, hackle slightly more profuse.

Tail slightly shortened and lowered very slightly.

Breast slightly fuller.
An increase in the weight.

Body slightly broader.

Color—Eyes black or dark brown; shanks and tees black or bluish black.

The club was glad to welcome to membership some well known breeders of

other varieties, who will henceforth breed the Black Orpingtons. The list includes former Red, Houdan, Rock, Leghorn, Langshan and Wyandotte breeders of reputation. The club takes pride in its new members, who are enthusiastic over their new breed.

The new catalog will go to press at once and will contain the name and address of all members in good standing, and whose business integrity it guarantees.

Milton Brown,
Secretary, Cheviot Poultry Farm, Cincinnati, Ohio.

NATIONAL PARTRIDGE WYANDOTTE CLUB.

A few facts you should know concerning the National Partridge Wyandotte Club are:

That this organization is not quite a year old, and proudly boasts of having over a hundred members, and every one a booster, working hand in hand in the interests of the club, and the grand variety in general. Every honorable breeder should become a member of this progressive club and share the many benefits to be derived from a worthy organization of this kind.

This club is a life member of the American Poultry Association, a guaranteed assurance that the business affairs of this club will be managed in accordance to its rules and regulations; equal rights for all, special favors to none.

A set of five handsome special badges, one each, for best cock, hen, cockerel, pullet and pen, will be offered at the various shows of every state and the

provinces of Canada. At one of the largest and most prominent shows of every state, where our membership is ten or more, we will offer in addition to the set of badges a beautiful silver cup. All club specials are for the competition of birds owned by members only. Now is the time to get into the band wagon; join this real live club and become one of the boosters for better Partridge Wyandottes, and more of them. The cost of joining is only \$2 for membership and dues for the ensuing year. Send the amount to Mr. Wm. Erfurth, secretary-treasurer, South Chicago, Ill.

DAY OLD CHICK CONVENTION.

The first annual meeting of the American Hatchery Association was held at Toledo, Ohio, September 21-22, 1909, and resulted in the election of the following officers:

C. A. Thompson, Bellevue, O., president; Charles Iden, Cromwell, Ind., vice president; W. H. Schadt, Goshen, Ind., secretary and treasurer.

Some of the benefits to be derived from membership in this association are as follows: To upbuild and encourage Day-Old Chick industry; to secure better representation and advance the interest of this popular method of selling thoroughbred stock; to secure better express services.

The membership fee is only \$1, and we invite anyone interested in this work to correspond with the secretary, W. H. Schadt, Goshen, Ind.

AMERICAN POLISH CLUB.

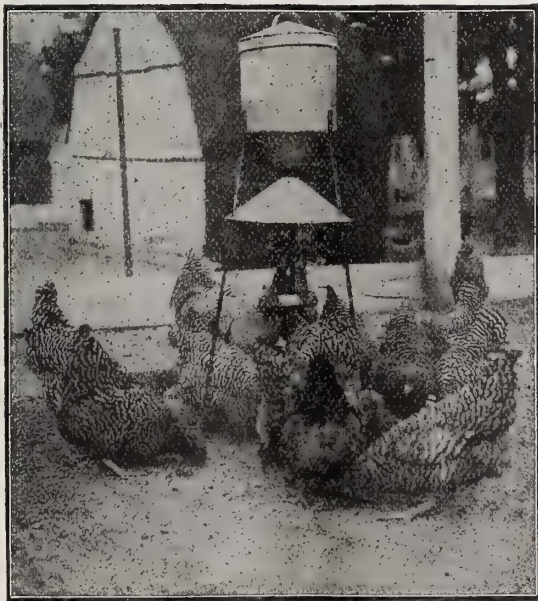
The American Polish Club respectfully requests that you publish the following announcement in your next issue:

The annual meeting of the American Polish Club will be held during the week of the Boston show at Boston, Mass., January 12, 1910, at 10 a. m. Officers for the ensuing year will be elected, and other important business will be transacted.

Many valuable specials are offered at the Boston show, and a large exhibit of Polish will be made.

This club is in a flourishing condition.

BARRED PLYMOUTH ROCKS

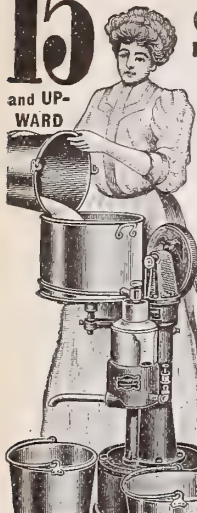


WE CANNOT TELL YOU in this space all that we want to say about the merits of our Barred Plymouth Rock winners at Toledo, Detroit and other large shows and also our high-class utility stock. We have, however, published a new handsome catalogue telling about our stock and containing many fine illustrations of our yards and buildings, and also individual pictures of our birds. These pictures are untouched and shows the birds true to life. If you are intending to purchase either stock or eggs, send us one dime today for this elegant catalogue. We guarantee that it will interest and please you. Also send at once for free circular telling all about the Poultry Feeder and Exerciser shown in this picture. We are the exclusive agents for this Feeder and Exerciser in Ohio, Indiana and Michigan. It is the greatest feed and labor-saving device ever placed in a poultry yard. We have fifty of these Feeders and Exercisers in constant use in our yards. The price of the Feeder and Exerciser is 8-quart, \$2.50; 14-quart, \$3.25; 20-quart, \$4.10; 32-quart, \$5.00. Send us the price of the size you want and we will ship it to you on thirty days' trial. If you do not want to keep it, return to us and we will refund your money and pay the express charges both ways. We refer to the editor of this paper and to the Citizens Banking Company, Perrysburg, Ohio, as to our financial standing. Write today. Remember, the Barred Plymouth Rock catalogue is only ten

Cents in silver or stamps and the circular telling about the Poultry Feeder and Exerciser is free.

River Home Poultry Yards : Box B : Perrysburg, Ohio

15⁹⁵ The AMERICAN SEPARATOR

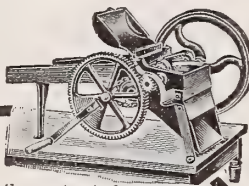
and UP-
WARD

Leads the World

THIS OFFER IS NO CATCH. It is a solid, fair and square proposition to furnish a brand new, well made and well finished cream separator complete, subject to a long trial and fully guaranteed, for \$15.95. It is different from anything that has ever before been offered. Skims 1 quart of milk a minute, hot or cold, makes thick or thin cream and does it just as well as any higher priced machine. Suitable for small dairy, hotel, restaurant and private families. Any boy or girl can run it sitting down. The crank is only 5 inches long. Just think of that! The bowl is a sanitary marvel; easily cleaned and embodies all our latest improvements. Gears run in anti-friction bearings and thoroughly protected. Write for a circular on a cream separator of any capacity whatever, obtain our \$15.95 proposition. Our liberal long time trial and generous terms of purchase will astonish you. Our own (manufacturer's) guarantee protects you on every American Separator. We ship immediately. Western orders filled from Western points. Write us and get our great offer and handsome free catalog. ADDRESS,

AMERICAN SEPARATOR CO. Box 158, BAINBRIDGE, N.Y.

Cut Clover Brings Eggs



Make the most out of your hens. Fine cut clover, alfalfa and other green stuff give best cold weather results. The easy-running

"New Model" Cutter

cuts into 1/4-in. lengths. Removable steel knives, adjustable, easily sharpened. Cuts fast and fine. It's always in order; nothing about it to break. Write for circular and free sample of cut alfalfa.

SILVER MFG. COMPANY.

283 Broadway, Salem, O.

FREE
SAMPLECUT
ALFALFA

\$700 Buys A 120 EGG KOMON-SENSE INCUBATOR

A SAVER OF 25% IN OIL

Crated and delivered to your Station. Has metal lined walls, a triple top, guaranteed heater, self-regulating, high legs, glass door, thermometer. Good-byes always.

GUARANTEED—MONEY BACK IF NOT AS REPRESENTED

Komon-Sense Brooder \$3.00

Incubator and Brooder together, \$9.50, freight paid. Write for free catalog with prices of poultry supplies.

Komon-Sense Incubator Co. Dept. 22. Racine, Wis.



FREIGHT PAID.

SCRATCH! SCRATCH! SCRATCH!

CHICKEN LICE AND MITES destroy the laying value of hens. ONE APPLICATION OF REGISTERED

AVENARIUS CARBOLINEUM

will drive away lice and mites: FOR A WHOLE YEAR. Stop the loss—get more eggs. Freight prepaid. Circular free. Beware of imitations.

Carbolineum Wood Preserving Co., Dept. 50 Milwaukee, Wis.



WHITEWASHING and disinfecting with the new

"Kant-Klog" Sprayer

gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free. Address

Rochester Spray Pump Co. 36 East Av., Rochester, N.Y.

having enrolled many new members during the past year.

Every lover of Polish should belong to the club. One dollar sent now will pay dues and initiation fees for one year.

Send at once to George W. Trent, Ass't Sec'y, Wilmette, Ills.

NATIONAL BLACK LANGSHAN CLUB.

The annual meeting of the National Black Langshan Club was held in Chicago, December 9, 1909. There was a good representative attendance and all the business of the club properly cared for. A detailed report will be sent to all members. The following officers were elected for the ensuing year:

President, R. A. Hewes, Crete, Ill.; vice president, Jesse T. Bateman, Waverly, Ill.; secretary-treasurer, M. S. Barker, Thorntown, Ind.; executive board, Napoleon J. Barnes, Winchester, Ky.; Wm. Snath, Scranton, Pa.; Mrs. Margaret Daly, Anamosa, Ia.; Mrs. Melvin Gregg, Stanbury, Mo.; Nelson Rice, New Market, Ind.

WITH ONLY A SINGLE COW

A cream separator will pay and pay better than any other farm implement. True, the above statement depends upon the amount paid for the machine, but this problem has been successfully solved by the American Separator Company, who have produced a cream separator that is truly a wonder, both in the work it does and the price at which it is sold. Only \$15.95 for a complete separator, made of the very best material and of the latest design. It skims over a quart of milk a minute, and does it perfectly. The company offers to send the machine absolutely on trial, affording the opportunity to test and compare it with any other separator made, no matter if it costs five times as much. It is a model of workmanship and fully supports the motto of the company, viz., "Not how cheaply can it be built, but how well can it be built and how cheaply sold."

For a small dairy, hotel, restaurant, or even private family, it is just what has been needed. When a machine like this can be obtained for so low a price then certainly no one making butter, no matter how little, will do so without a separator. There is nothing laborious in operating it, any woman or fairly grown child can run it sitting down; while it is a most simple machine to care for. Being made and sold by the oldest exclusive manufacturers of hand cream separators in the United States is, in itself, a guarantee of quality, and anyone interested at all in cows owes it to himself to write to the American Separator Company, Box 158, Bainbridge, N. Y., and ask for their \$15.95 proposition. They will send it free, postpaid, together with their handsomely illustrated catalog describing their full line of separators of all capacities and also explaining their system of selling direct to the user, saving all agents' and middlemen's profits. The value offered will surprise you and you will realize how this company has studied and worked to produce a machine especially suitable in capacity and price for the small dairyman whose use of a separator heretofore has been largely prohibited by the high prices asked for large capacity machines.

CLARENCE J. ROOT, SPRINGFIELD, ILL., BREEDER OF SINGLE COMB WHITE LEGHORNS —PURE WYCKOFF STRAIN.

At Illinois State Fair, October, 1909, won 1st pullet, 4th pullet, 3d cockerel. No old birds shown. Missouri State Show, St. Louis, December, 1909, entered three birds, a cockerel and two pullets. Won 4th pullet in a class of fifty-one pullets. Also 3d on Leghorn eggs, all varieties of Leghorns competing together. As this is my first year and my stock is small, I feel highly gratified. I will sell settings of eggs later from a pen made up from these birds.

G. W. Garlock, Fort Atkinson, Wis., breeder of Standard bred Barred Plymouth Rocks, is a new advertiser with us this month. While Mr. Garlock is a new member of our family, he is not a new breeder, as he has been breeding Barred Plymouth Rocks for a number of years, and we take pleasure in introducing him to our readers and ask that they write him for prices and particulars, as he guarantees to satisfy. Mention American Poultry Journal.

PIROGRAPH OUTFIT

AIR GUN

TELESCOPE

FREE SEND NO MONEY

Just your name and address and we will send you 24 packages of our New style Easy-to-Thread Gold Eye Needles and 12 Satin Finish Pure Aluminum Thimbles, all post paid with Big 16 Page Premium List. You sell the Needles at 5 cts. a Package and to each person that buys 2 Packages, you give a Thimble Free. Your success is certain. When sold send us the \$1.20 and we will send you the Premium you select and are entitled to in the Premium List, order at once and get extra Presents Free.—Address

Globe Novelty Co., Box 489 Greenville, Pa.

FOUNTAIN PEN

3 RINGS

BRACELET

600

FOOT BALL

HIGHEST SCORE EVER WON

100 Envelopes, 3 3/8 x 6 1/2 inches, an extra strong, thick, smooth, slick, white writing face, and 120 Letterheads, 8 1/2 x 11 inches, heavy, hard, smooth, slick, pure white writing paper, all artistically printed and illustrated with latest new Standard cuts of your breed for only \$1.00. Express charges paid by me. Better printing for the price was never done. No order less than \$1.00 filled. Name your Express office. Cards, tags and egg labels same price as above.

Address, J. R. HUDSON, Hardin Springs, Ky. I have seen samples of Mr. Hudson's printing. It is very nice; he is perfectly honest.—EDITOR.



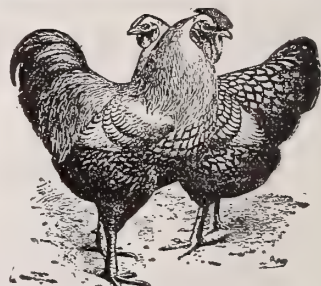
THE FAVORITE BAND

Pleases All. Locks Securely
12 for 15 Cts. 50 for 40 Cts.
25 for 25 Cts. 100 for 65 Cts.
Chas. L. Stiles, Columbus, O.

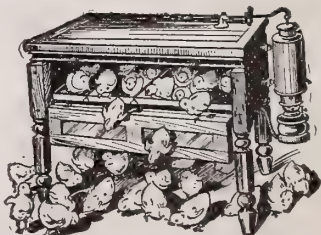
Shoemaker's Poultry Book

AND ALMANAC FOR 1910

There is nothing in the world like it. It contains over 200 large pages, with many fine illustrations. A number of BEAUTIFUL COLORED PLATES OF FOWLS, showing them in their natural color.



Tells all about all kinds of thoroughbred chickens, with life-like illustrations. Prices of eggs for hatching and fowls for breeding purposes. TELLS HOW TO RAISE POULTRY SUCCESSFULLY, their care and management and how to treat all diseases common among them. Gives illustrations and descriptions of convenient poultry houses and plans to build them.



The Globe

ALL ABOUT INCUBATORS and BROODERS with the illustrations, complete description, and lowest prices. ALL ABOUT OPERATING THE INCUBATOR. This chapter is marvelously complete, and worth much more than the price we ask for the whole book. This Poultry Book is worth dollars to anyone interested in the raising of fowls. It is AN ENCYCLOPEDIA OF CHICKENOM, and no one can well afford to be without it. Will be mailed to anyone upon receipt of only 15c. Money refunded if not pleased.

C. C. SHOEMAKER
BOX 605 FREEPORT, ILL.

HOW TO REDUCE LIVING EXPENSES.

Hundreds of New Ways to Prepare Food Economically.

Statistics prove that the cost of living has steadily increased and will continue to increase. At the same time the wage scale has not grown proportionately large enough to offset this. There is but one thing to do when confronted by a situation like this, and that is to reduce the cost of living. Economy must be practiced to make ends meet. Many of the little luxuries that have been enjoyed of course can be stopped with slight inconvenience.

The real pinch comes when an attempt is made to tamper with the table. The proper amount of food must be eaten. This is the largest household expense and the one turned to naturally when the question of economy is raised.

Now the easiest way to make a saving is to use the remains of the roast beef, the chicken or turkey, the shoulder of mutton, or many other things that heretofore were thrown away. It is just here that the woman who has an "Enterprise" meat and food chopper in her kitchen is able to run her household economically. It makes possible hundreds of new ways to prepare food. Economizing by skipping the table is not necessary, as the chopper reduces waste to a minimum.

The "Enterprise" meat and food chopper cuts—not crushes—meat, fish, vegetables, fruit or any food that will go through it. Many dishes that housewives have seldom made because of the trouble attached are easily prepared. New ones that they have hesitated to try are now within their reach. A turn or two of the handle and the article is cut, and the advantage over the old time consuming methods clearly shows it to be a household necessity.

"The Enterprising Housekeeper" is a valuable little book containing over 200 recipes, of which every housekeeper should have a copy. The publishers will be glad to mail a copy to any address upon receipt of 4 cents to pay postage. Address the Enterprise Manufacturing Company of Pennsylvania, Dept. 33, Philadelphia.

SIMPSON'S BARRED ROCKS.

For the past twenty-five years Edgar G. Simpson, Naperville, Ill., has been breeding Barred Plymouth Rocks, and has perfected a system that is second to none in this country, which has been demonstrated by his winning at Chicago for the past five years. At Chicago, January, 1908, he won first cockerel and champion male, special for best cock, cockerel, hen, pullet, pen; at Chicago, 1908, first cock, first hen and five other regular prizes and \$100 special for best display; At Indianapolis, Ind., February, 1909, won first cock, first hen, third pullet and first cockerel against the best that could be brought together; at Chicago, December, 1909, first and second cock, first and third hen, fifth cockerel, third pen, special for four best cocks, special for four best hens, special for four best pullets, special for best shaped female, \$25 silver cup for best two cocks, two hens, two cockerels, two pullets and pen. His matings this season will be the best possible, and if you desire to improve your stock write him and mention American Poultry Journal.

THE WORLD'S FAMOUS INCUBATOR, W. M. LININGER, INVENTOR AND MANUFACTURER, HINTON, OKLA.

Is a new incubator presented to your attention for the first time in this issue. Mr. Lininger claims to have discovered the reason so many chicks die in the shell on the eighteenth day and to have eliminated this trouble in his machine. He also has many other points of superiority which are mentioned in his ad and literature. You will want to know about this new machine, and we suggest you send to him for further information. Address W. M. Lininger, Hinton, Okla.

Charles C. Wine, proprietor of the Valley Farm, Mount Sidney, Va., exhibited two of his Barred Rock males at the late Washington, D. C., show and won first cockerel and fourth cock, and this in a strong class. Better write him for prices on Barred Rocks and S. C. Brown Leghorns. He guarantees satisfaction and has the stock to back it up.

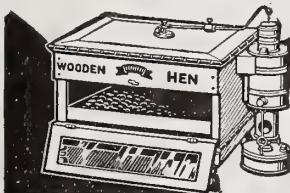


Breasted Banded
F. R. Green
Lake City Iowa.

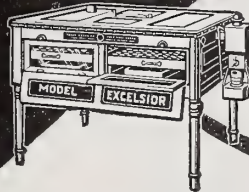
: : "RINGLET" : : Barred Ply. Rocks

Have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned; they have the sharp contrasting colors, showing the Ringy barring, that win under all judges. Write me just what you want and I will make you a low price considering the stock you get.

F. R. Green : Lake City, Iowa
One of the oldest breeders of Barred Rocks in the West. At it over 21 years



Hatch Chickens By Steam



Stahl Incubators were among the first to be put on the market; to-day they stand as they did then—the best—approved by thousands of particular fanciers the world over.

This isn't luck—it's merit—perfect incubator value, produced by the right kind of material and workmanship, backed up by an unbroken line of splendid results. The

Excelsior and Wooden Hen INCUBATORS

have a standard hatching record of a chick from every fertile egg; they maintain this splendid showing because all features of their construction—heat, moisture, ventilation, and similar details—are carefully looked after and perfectly worked out.

The Excelsior or Wooden Hen will hatch a brood before your hens stop laying. You can market your early broilers and mature pullets into quick layers at a time when both will yield an extra big profit.

Buy a "Stahl" and eliminate trouble and worry. Catalogue illustrates complete line of Incubators, Brooders, Poultry Supplies, etc. Free on request.

GEO. H. STAHL,
Box 96X, Quincy, Ill.

FIRST
PRIZE
COCKEREL
BOSTON
1909

FIRST
PRIZE
COCK
BOSTON
1909

FIRST
PRIZE
HEN
BOSTON
1909

FIRST
PRIZE
PULLET
BOSTON
1909

SECOND
PRIZE
COCKEREL
BOSTON
1909

Buff Wyandotte WINNINGS

At BOSTON, JAN., 1909.

MATTISON & TOEL

5 East 42nd St. So. Shaftsbury
New York Vermont

DEFEATING all the Buff Club Show
First Prize Winners at Washington, D. C.

Our First Prize Cock also won First Prize
at New York as a Cockerel and Sired all
the Cockerels and Pullets in our entire Boston
Exhibit except one Pen Pullet.

SECOND
PRIZE
PULLET
BOSTON
1909

THIRD
PRIZE
PULLET
BOSTON
1909

SECOND
PRIZE
COCK
BOSTON
1909

FIRST
PRIZE
PEN
BOSTON
1909

\$100.00 CHAMPIONSHIP CUP
BUFF CLUB CUP
BEST DISPLAY
BEST COCK AND FOUR HENS
BEST COCKEREL AND FOUR PULLETS
ALL FOUR SHAPE AND COLOR SPECIALS

SECOND
PRIZE
PEN
BOSTON
1909

166-PAGE X MARKED CATALOGUE

of the Big St. Louis show, over 5,000 birds. Gives name, address and coop, number of every exhibitor and all the winners in the show. Price 25c by mail postpaid. Henry Steinmesch, 220 Market St., St. Louis

PATENTS

Books free. Rates reasonable. Highest references. Best services. I PROCURE PATENTS THAT PROTECT. Watson E. Coleman, Patent Lawyer, Washington, D. C.

White Wyandottes

If it's quality you are after we have it and you will make no mistake in ordering of us

HEVERLY & SON Center Point, Iowa

Pierson's R. C. Brown Leghorns

Eggs and stock in season. Address

Harry Morton : : **Hornell, New York**

Grand Free Building Material Catalog

5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 30c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 5½c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 1890 Case Street, Davenport, Iowa

Buff Wyandottes

At the great Missouri State Show at St. Louis in one of the best classes of Buff Wyandottes ever shown, we won first and third hens, third cockerel, second and fifth pullets, first pen, silver cup best male and female, specials, best female, best shaped Buff Wyandotte, best colored Buff Wyandotte, winning three times as much as any other exhibitor. This clearly proves our strain the best in the West.

J. C. Ritter & Sons, Box 243 A, Olney, Ill.

NOTICE

One-fourth to one-half price to close out 20 leading breeds. Greatest bred-to-day-and-win stock. Great egg records, winnings. Turkeys and ducks.

WANTED

100 customers for our undefeated White and Barred Rocks, W. Wyandottes, Br. and Bourbon Red Turkeys, Ducks. Guaranteed winners any show or part money back. May see before paying. Must sell a lot.

E. GAGE CUTLER, R. 13, Carthage, Ills.

WYANDOTTES

Columbians, Goldenes, Whites, R. I. Reds; both combs. S. C. Buff Orpingtons. Old stock for sale cheap to make room for young.

Dillon & Bell 4106 Colerain Avenue Cincinnati, Ohio

C-U-R-A**ROUP AND CANKER REMEDY**

Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. 50c by mail. Three boxes, \$1. Sample free. Agents wanted.

C-U-R-A CHEMICAL COMPANY, DEPT. A, AKRON, OHIO

WHITE PLYMOUTH**ROCKS**

Blue Ribbon Winners. My White Rocks have been line bred for ten years. Choice exhibition and breeding stock now ready to ship. Eggs from extra choice matings, \$3 per 15. Write for illustrated circular.

J. H. Trobaugh :- **Delphi, Indiana**

WHITE ROCKS

OF QUALITY

Winners at Cleveland and Willoughby. Birds of quality that will please. Write us. : : :

CLARK & PIKE : **WILLOUGHBY, OHIO**

P. B. CONDIT, BREEDER OF WHITE ROCKS, INDIANAPOLIS, IND.

Mr. Condit reports that he has purchased a poultry farm of eighteen acres ten miles west of Indianapolis, Ind., on the Crawfordville Interurban and the Peoria division of the Big Four railroad. He will build a home here in the near future and reside there, and intends having a model fancy poultry plant. Mr. Condit is the owner of "Ivanhoe," a fine White Rock cock valued at \$1,000, and his birds are among the winners wherever shown.

Fred Styers, Greensburg, Ind., the well known Columbian Wyandotte breeder, is advertising birds of real quality in this

great in both shape and color. In this class J. C. Ritter & Son, of Olney, Ill., won 1st and 3d hens, 3d cockerel, 2d and 5th pullets, 1st pen, silver cup best male and female, specials best female, best shaped Buff Wyandotte and best colored Buff Wyandotte. Their exhibit showed careful line breeding and a distinct family type. They are courteous gentlemen, whom it is a pleasure to meet, and thoroughly reliable and fair in their business dealings.

J. S. Haupt, Easton, Pa., reports the following winnings on his Orpingtons at the late Pennsylvania State Show: First pen White Orpingtons, first pen Black Orpingtons, first pen Buff Orpingtons, first R. C. Buff cock, first R. C. Buff hen. He also made a strong winning at the Washington, D. C., show.

**A FISHEL PULLET.**

Was sold for \$100; a winner in Alaska-Yukon-Pacific Exposition, 1909. Bred by J. C. Fishel & Son, Hope, Ind.

issue. Mr. Styers has won more prizes on birds of his own breeding at New York, Boston and Chicago than any breeder of this variety, and he is prepared to supply eggs for hatching from the best matings he has ever had. Write him for full particulars and mention American Poultry Journal.

The Missouri State Show, held at St. Louis December 6 to 11, had one of the best Buff Wyandotte classes ever shown, eight of the leading breeders of the country winning places and several good breeders did not get a place. The exhibit was

Modern Orpingtons at moderate prices, is the announcement made by the Blue Ribbon Poultry Farm, Columbus, Ind., breeders of S. C. Black Orpingtons, exclusively. They are offering 50 utility cockerels for sale. Write now and get first pick. Mention American Poultry Journal.

Buff Rocks is variety bred by Jas. W. Elliott, Bement, Ill. He also breeds Buff Cochins and Buff Cochins Bantams. If you want something good in any of these varieties, write him and mention American Poultry Journal.

VISIT TO THE H. M. SHEER PLANT, QUINCY, ILL., MANUFACTURERS OF THE ACME WAFERS, REGULATORS, LAMPS AND INCUBATORS.

Mr. H. M. Sheer met us with a glad hand, and after a pleasant conversation he took great pleasure in showing us over his factory. Mr. Sheer is a great inventor and has a room in which he locks himself when he is working on something new. Here we saw many parts and pieces of things; in fact, it was quite a curiosity shop. Mr. Sheer believes in having machines to make everything, and has a regular machine shop for making his dies, etc.; in fact, he makes his own machines complete

uniformity in each wafer turned out. Therefore it would be impossible to make a stronger or more perfect wafer.

One of the new features which Mr. Sheer has just turned out is his Tandem Wafer. This consists of coupling two wafers together just like a team of horses and thus getting their combined strength to operate the regulator. This construction will readily appeal to anyone, as it affords twice the lifting power.

His latest invention, which is a step in advance of the times, consists of a new alcohol burner for the burning of denatured alcohol. Upon examination of this burner we pronounce it a very simple and practical burner for the purpose, and we are sure it will attract the attention of those who want the latest.

His Acme incubator is a tried and tested machine, having been used by many

five years, and has succeeded in producing birds good enough to win in any show. He reports having forty very choice cockerels which he will sell at prices to move them quick. We know the kind of stock he has and can assure our readers of fair and just treatment if they place their orders with Mr. Logue. In writing him mention American Poultry Journal.

J. J. Hurlbert, R. F. D. 3, Morrison, Ill., exhibited his White Minorcas at the late Chicago show and won a large proportion of the prizes. Write for his catalogue and mating list and mention American Poultry Journal.

Geo. F. Buck, Port Clinton, Ohio, breeder of S. C. Brown Leghorns, reports that he can spare a few more of those choice cockerels at \$1.50 to \$3 if taken



for turning out these special parts whenever it is necessary to do so.

On this floor we found among other machines, a large automatic drill press which has six drills and handles six pieces at once, drilling six holes and returning to place and ready to drill six more—all done automatically. Another automatic machine turns out 10,000 screws, or other special turnings, for which it may be set, in ten hours. Four rods are started into this machine and the finished parts turned out, all being done automatically. There are some fifty special machines in the factory.

We found the woodworking department occupying the basement, and the wafer department occupying another floor. Here we found machines galore, each one in its seemingly incredulous space of time turning out some special part of the wafer—every part being machined accurately and the complete wafer being one perfect whole, there being no chance of flaws or leaks. To further insure against leaks and add strength Mr. Sheer rivets every part of his wafer together, the soldering being done afterwards, and his manner of filling and sealing his wafers is such that he secures absolute

breeders for many years past. In this machine he uses hot water heating system, one of the latest features being an extra radiating device, which assists materially in giving an absolutely even distribution of the heat. He issues a fine, large catalogue, fully describing all his products, giving much valuable information to every user of incubators. In it also will be found plans with detail description of how to build both incubators and brooders. If you are interested in artificial incubation you will do well to send for this valuable book, which is free for the asking.

Mr. Sheer's ad is always to be found in the columns of the American Poultry Journal.

Gus A. Lengfelder, R. F. D. 9, Mt. Vernon, Ill., breeder of Barred Rocks, Toulouse geese, Bronze turkeys and Pekin ducks, won six prizes at the late St. Louis show. This speaks well of his stock. Write him for prices and particulars and mention American Poultry Journal.

H. L. Logue, Neponset, Ill., has been breeding White Wyandottes for the past

at once. Write him and mention American Poultry Journal.

G. J. Bochland, R. 33, Rockford, Ill., the R. C. R. I. Red man, has an ad in this issue in which he is offering some choice cockerels for sale. He is also booking orders for eggs. Write for his mating list and mention American Poultry Journal.

J. S. Pennington, Plainfield, Ill., reports the following winnings on his Golden Wyandottes: St. Louis, Mo., December 6-11, 1909, 2d cock, 3d cockerel, 4th pullet; at Chicago, 1909, 5th cock, 4th cockerel, 3d pullet.

M. Uhl & Co., New Washington, Ohio, the baby chick people, have an ad in this issue. They please their customers. Write them for what you want and mention American Poultry Journal.

Look up the ad of G. W. Garlock, Box A, Ft. Atkinson, Wis., in this issue. He is offering something choice in Barred Rocks. He ships on approval. Write him now and mention American Poultry Journal.

Giant Bronze Turkeys .. Best .. America's Part. Wyandottes

At the GREAT MADISON SQUARE GARDEN SHOWS of 1907, 1908 and 1909, our Bronze Turkeys and Partridge Wyandottes won more premiums and more points than any competitor. At the above 1908 show our birds won MORE FIRST PRIZES THAN ALL COMPETITORS—a record seldom equalled. THE CHOICEST YOUNG TURKEYS AND WYANDOTTES WE EVER RAISED FOR SALE NOW. REMEMBER, all stock found not as represented may be returned at our expense and your money will be cheerfully refunded. All birds farm raised, vigorous and cannot be excelled for utility purposes. Write what you want. We'll try to please you. Catalog for stamp.

BIRD BROS. :: BOX C :: MEYERSDALE, PENNSYLVANIA

Planet Jr.

reduces your labor; increases your crops

A Planet Jr farm or garden Cultivator often does three to six times the work of one man with ordinary implements; and cultivates the ground so thoroughly that you get more and better crops. You are actually losing money without a Planet Jr. Strong and substantially built. Fully guaranteed. Lasts a lifetime.

New No. 14 Planet Jr. Double-Wheel Disc-Hoe, Cultivator and Plow has three adjustable discs on each side, a pair of new-idea pronged cultivator teeth that run shallow next the row, steels for plowing, furrowing, and covering, and a pair of leaf-lifters.

No. 8 Planet Jr. Horse-Hoe and Cultivator will do more things in more ways than any other horse-hoe made. Plows to or from the row. A splendid furrower, coverer, hiller and horse-hoe, and unequalled as a horse-cultivator. Write today for the 56 page 1910 Planet Jr catalogue of 55 different tools. Free and postpaid.

S. L. Allen & Co
Box 1107T
Philadelphia
Pa

No. 14



SPECIAL FOOD for laying hens (not sprouted grain, but a **REAL FOOD**) 12 to 17 cents a bushel. Makes Barred Rocks fed this food laid 3,536 eggs in one year. Hundreds report equal success. **FIRELESS HATCHERIES AND BROODERS** 24 to 30 cents each. None better. Thousands in use. **FOOD-SAVING FEEDING HOPPERS** 14 cents each. Keep food clean and dry, prevents all waste. **ONE-PIECE WATER FOUNTS** 8 cents each. No dirty water, no wet chicks. **RAT AND STORM-PROOF COOPS** 20 cents; safe, warm and clean. One plant using 470. **HEN-PROTECTING NESTS.** Self-acting, simple and cheap. Prevent egg eating and egg breaking. **DEAD-HOT LICE AND MITE KILLER** 4 cents a gallon. A sure killer. Over 60,000 gallons used last year. See my **FREE Booklet.** Address,

F. GRUNDY, POULTRY EXPERT. . . . MORRISONVILLE, ILLINOIS.

125 Egg Incubator and Brooder Both For \$10



Why pay more than our price! If ordered together we send both machines for \$10.00, —freight paid east of Rockies. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg-tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time, **WISCONSIN INCUBATOR CO., Box 50, Racine, Wis.**

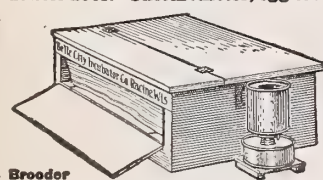


\$7.55 Buys the Best 140-Egg Incubator Ever Made

\$4.50 Buys the Best Brooder

Both Incubator and Brooder, ordered together, cost but \$11.50. Freight prepaid to your Station

Our Belle City Incubator will hatch more chicks, under the same conditions, than any other incubator, else your money will be refunded. This I guarantee. It has double walls and dead-air space all over, copper tank and boiler, hot-water heat. The best self-regulator, deep nursery, strong egg tray, high legs, double door. Thermometer, egg tester, burner and safety lamp included.

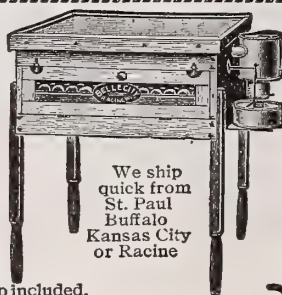


The Belle City Brooder is the only brooder having double walls and dead-air space. I guarantee it to raise more chicks than any other brooder made. Hot-water, top heat, wire yard, platform, burner and metal lamp.

A Complete Hatching Outfit for Only \$11.50

Our book, "Hatching Facts" explains these remarkable prices. Write for it today, or send your order now under my personal guarantee and save delay. Satisfaction guaranteed. **J. V. ROHAN, Pres.**

Belle City Incubator Co., Box 27, Racine, Wis.



We ship quick from St. Paul Buffalo Kansas City or Racine

Over A Half Million People Have Tested MY GREAT HATCHER



J. F. SIEMS, Patentee

THEY know from experience that in simplicity, ease of management and certainty of results, no incubator in the world equals it. They are telling their neighbors—that's why our output is doubling every year. It's the incubator that can't make mistakes—and you can't make mistakes in operating it. The actual, living hen controls everything in our

Natural Hen Incubator Only \$3 200-Egg Size

Don't throw your money away. Old-style machines cost four times our price and do not give half such satisfactory results.

A. A. Linnett, Olathe, Kan., writes: "I have just set my N. H. Incubator for the third time. First hatch, 99 chicks from 102 eggs; second, 97 chicks from 104 eggs." . . . Bailey A. Barton, Grandburg, Tex.: "I am more than pleased with my N. H. Incubator. Hatched one setting of 240 eggs and got 225 chicks." . . . Wm. Walker, Linden Heights, Ohio: "I met with the greatest success last season with your method of hatching. It is a revelation in chicken-raising—beyond all doubt the greatest success of the age."

AGENTS WANTED.—Write for my plan today. Remember, the Government is behind my machine—fully covered by patents. No freight to pay. Send address today for our Free Catalog and make success sure.

NATURAL HEN INCUBATOR CO., 1349 Constance Street, Dept. 4, Los Angeles, Cal. (FORMERLY LOCATED AT COLUMBUS, NEB.)

SOME NOTES ON THE BUSINESS SIDE OF POULTRY RAISING.

The happy-go-lucky life of the farmer has passed with changing conditions. Today the successful farmer is a business man, a machinist, somewhat of a chemist and plant physiologist; in fact, an all around man. Does he raise poultry for market he is acquainted with the best methods of raising the chick to the final handling the killed chicken over to the dealer in the very best marketable condition. He makes capons of his surplus roosters, and thereby doubling their size and doubling their value, so that a four-



G. P. PILLING & SON, PHILA.

pound rooster at 15 cents is changed into an eight-pound capon at 30 cents, just a little difference of \$1.80 on the profit side. He uses the most approved poultry markers and thus reads the history of each fowl by looking at the foot. He kills them in the most humane, clean and scientific manner by the use of the French Poultry Killing Knife. If you have not already a French Killing Knife, send 50 cents to G. P. Pilling & Son Company, Arch street, Philadelphia, Pa., and they will send you one, and will also send you free of charge a pamphlet illustrating their various poultry instruments. Little things, say you! Just so, but please remember that the little things make all the difference between profit and loss. Get the "Pilling Habit" and write for information.

R. C. Black Minorcas and Black Cochins Bantams are varieties bred by Dr. J. N. MacRae, Galt, Ont. The Doctor is a new advertiser with us, but comes highly recommended, and our readers are assured of a square deal and their money's worth. Write him for prices and particulars and mention American Poultry Journal.

Fairview Poultry Farm, R. R. 25, Williamsonville, Ill., breeders of White Plymouth Rocks, made three entries at the late Chicago show and won three prizes, and this in the hottest class ever gotten together in the West. Write them for prices on cockerels and mention American Poultry Journal.

We are pleased to announce to our readers that A. Didrickson, R. 1, Whitewater, Wis., is again advertising his noted R. C. Black Minorcas in our columns. He has been breeding and exhibiting this variety for a number of years, and knows how to produce the good ones. He will treat you right.

Thaddeus A. Allee, 1325 East 55th st., Chicago, Ill., showed some of his White Langshans at the late Chicago show and captured the blue. He has some grand birds for sale. Write for prices and mention American Poultry Journal.

Jones' White Orpingtons won at St. Louis. That is the way his ad reads in this issue. Look it up. It will interest you. Address J. W. Jones, Brookfield, Mo., and mention American Poultry Journal.

Wm. H. Hoover, Polo, Ill., the well known Barred Rock breeder, is offering 10 fine pullet-bred cockerels this month. Better get one of these and improve your stock. Write him and mention American Poultry Journal.

Lembke's R. C. Reds win wherever shown. They have 200 choice cockerels to spare. Better order one now. Address Annah Lembke, Griswold, Ia., and mention American Poultry Journal.

The Culver Poultry Farm, 921 Burnham, Benson, Neb., is offering baby chicks at 8 cents each. Send for their large catalogue and mention American Poultry Journal.

LIGHT BRAHMA CHICAGO WINNERS.

The great Chicago show last month will not soon be forgotten. It was a marvelous collection of many thousands of the best birds of all classes to be found in the country. Many fine individual displays were made which were a great credit to the exhibitors. None of these displays attracted more favorable comment or attention than the magnificent exhibit of Light Brahmas made by the River Home Poultry Yards, Box B, Perrysburg, O. They "cleaned the platter," winning 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet; first pen, and first display. The River Home Poultry Yards are easy winners with their Light Brahmas wherever entered, and they are exhibiting in the largest shows in the United States. Their catalog, which they mail for six cents in

pay this amount to learn how to make a success of the poultry business? Read the full page ad on another page in this issue and then send for a copy. It will be a dollar well spent.

I am a young stenographer, just starting to make my own living. I feel that my chances of getting along would be much better if my clothes were always neat and fresh-looking, yet I'm afraid my means won't allow me to go as far as I'd like in this direction. Can you give me any suggestions? Miss Poorandproud.

You are right, dear, in wanting to make as attractive an appearance as you can, and I think I can help you out. Why not get Simpson-Eddystone Prints, manufactured by the Eddystone Mfg. Co., Philadelphia, and make them up simply, yet stylishly. They are surprisingly inexpensive, and yet their patterns are so pretty, the colors fast, and the quality

nothing but the very best in shape, size and color, and as near the Standard in markings as possible; have had my stock scored by the most reliable poultry judges we have; have exhibited my stock at some of the largest shows in the west and always won the gold special and silver cups over all the R. and S. C. Reds exhibited. I try to always fill all orders satisfactorily, and send full value for the money. "Honesty" is my motto.—Annah M. Lembke, Griswold, Ia.

See the Orpington ad of the Cheviot Poultry Farms, Cincinnati, Ohio. If you want something choice in Orpingtons write them and mention American Poultry Journal.

Fred Styers, R. F. D. 25, Greensburg, Ind., breeders of Columbian Wyandottes, announces the fact that he is prepared to fill orders for the best Columbian eggs



This birdseye view of Sunnyside Poultry Farm will give the readers of American Poultry Journal an idea of the new home of King's famous Barred Rocks. This farm is situated in one of the most beautiful valleys of York county. The buildings are situated on the summit of a gentle southern slope, with beautiful rolling meadows for a background. The farm contains 60 acres of choice farm land, giving the chicks range and green food, all of which are necessary attributes. The farm lies west of York City, one and three-quarter miles, half mile from York

stamps, tells all about their stock and is really a poultry art book. Send to them for their Light Brahma catalog.

A NEW POULTRY BOOK.

Mr. Ernest Kellerstrass, Kansas City, Mo., the man who has made White Orpingtons what they are today, has just issued a book in which he tells his secrets of success in the poultry business. It tells how he made \$3,600 from 30 hens in one season; how he mates his fowls; how he raised his famous \$10,000 hen "Peggy;" and much other information that can only be obtained by getting a copy of this book. The price of this book is only \$1.00, and who would not

so good that they will prove most serviceable.

If you are handy with the needle and can spare a little time you could make up several gowns, say one of the Fast Hazel Browns, another of Shepherd Plaid, or one of the beautiful designs in Black and White. You could thus have quite a pleasing change of costume for a comparatively small outlay. Stop in any dry-goods store when you're downtown and see how pretty these goods really are.

I have been breeding the R. C. Reds exclusively for the past ten years, and now have as fine a flock of Reds as there is to be found. I use the greatest of care in mating up my breeding pens, using

& Dover trolley line, one and one-quarter miles from Eberton, and one-quarter mile from Pike. It contains 20,000 square feet of floor space, divided into eleven houses, as follows: Brooder house, 271 feet long, with boiler; laying house, 227 feet; cockerel house, 127 feet; matured young chick house, 320 feet; there are five 2-story colony houses, 24 by 16 feet, and two brooder houses, one of which is 100 by 20 feet and one 50 by 16 feet. Equipped with steam heat and running water in all the houses. We kindly ask a share of your trade and guarantee to all a square deal.

G. M. King, York, Pa.

ever sold. His new catalogue will be out in February. It is free. Send in your name and address for one now and mention American Poultry Journal.

Temple & Merriman, R. F. D. No. 5, Gouverneur, N. Y., the White Rock breeders, are offering some of their breeders and young stock at greatly reduced prices, to make room. They are especially strong in cockerels. Write them for prices.

Write S. Banford, Box H, Hewvelton, N. Y., for prices on Rhode Island Reds. He can fill your order for exhibition or breeding stock of the best quality, and his prices are reasonable.

240-Egg Reliance Freight Prepaid \$10.00

OVER 200,000 have succeeded with this machine, and now it is still further improved. Metal-covered all 'round—front, back, and sides, top and bottom—high-grade galvanized iron. Also metal legs and metal lamp. The **safest** incubator built; the easiest to heat; the surest to keep at exactly the right temperature. Simple as A B C; self-regulating; self-ventilating. Lumber Walls, dead air space, insulating walls, metal walls and double wooden doors—metal-covered. All complete, ready to start your hatch; no extras to buy, and freight prepaid.

Read Our FREE Book For Your Profit

The best Guide to poultry success published. A money-saving market place for Incubators, Brooders, Poultry Supplies and Thoroughtbred Poultry. Contains our guarantee and tells why we can quote prices way below others. Remember, this is a 240-egg machine for \$10, and we pay the freight to points east of Missouri River and north of northern line of Tennessee. If you live further, write for delivered price to you. Don't order a thing in the poultry line till you get our book and prices.

PRICE LIST--Freight Prepaid

240-egg Incubator.....	\$10.00
175-egg Incubator.....	8.00
120-egg Incubator.....	7.00
100-chick Outdoor Brooder.....	6.00
100-chick Indoor Brooder.....	5.00

RELANCE INCUBATOR CO., Box 550, FREEPORT, ILL.



A SIDE TRIP TO THE HOME OF THE PRAIRIE STATE INCUBATOR COMPANY.

(By a Poultry Crank.)

There are very few people who know, or even think, from whence came the name given the Prairie State incubators and brooders. These machines are without doubt wider and more favorably known than any other on the market, hence it will be interesting to every one connected with poultry culture to know something about the history of these popular machines, the firm who make them and how they were christened.

As stated above, few, perhaps, ever gave thought to why they were called the Prairie State incubators and brooders. Well, it happened this way: J. L. Nix, head of the Prairie State Incubator Company, is an Illinoisan, and it was in the good old "Prairie state" that he made the first machine bearing this now well known name. Mr. Nix is a loyal American and his ardent loyalty induced him evidently to name his "pets" after the state in which he then lived.

It was not long after inventing the first Prairie State incubator, however, that Mr. Nix became associated with others in the manufacture of his machines, which necessitated moving to the present home of the Prairie State incubators and brooders at Homer City, Pa., and in reality, while an original product of Illinois, they have always been made at Homer City, Pa.

Here the Prairie State Incubator Company started in a modest way, and by conscientious, honest effort here they have one of the largest and best equipped factories in the country and, furthermore, one of the best equipped experimental poultry plants, an innovation and, I might add, a necessity which no other incubator concern has yet adopted, for the sole purpose of getting at the bottom of the problem of artificial incubation in a practical way.

It is a striking illustration of the desire and determination that Prairie State machines should represent the fullest practical principles possibly to apply, and this with other important factors later mentioned account very largely for the great success of these machines.

Mr. Nix is a man deeply interested in scientific research work, especially that pertaining to artificial incubation, and if you could step into his laboratory you would be surprised. You would get the impression you were in some chemical institute where investigations, experiments

and research work are being performed to discover the origin and composition of everything imaginable, so extensive is his equipment for finding out the intricacies and unknown factors of artificial incubation.

It is due Mr. Nix to say there is no other man interested in poultry culture, that is doing more, and I dare say as much, to solve the puzzling problems of artificial incubation for the benefit of the poultry world.

For years he has ardently worked and experimented, giving months of time and effort, gaining new interest where ordinary men would give up in despair; giving freely the results of his labors to the world without recompense further than

ducts his experiments in finding out all candid to admit there is much to learn.

If you would visit the Prairie State factory you would find Mr. Nix more enthusiastic in showing you the results being obtained on their experimental farm than in showing you the equipment in their factory, because the results their machines produce are a source of great gratification to him and a practical demonstration to the poultry world that his efforts are successful and his ideas are not theories.

In artificial incubation the claims of many are based on theory; they don't go to the trouble or expense to work them out in actual practice, and this is one of the reasons many people are confused on the subject and many yet ridicule the practice of hatching eggs by mechanical means.

Ever since the Prairie State entered the field, it has been regarded as the leader, and ever since Mr. Nix became interested in artificial incubation he has steadfastly worked to solve its mysterious problems.

This is without doubt the reason the Prairie State machines have been able to maintain their leadership. A letter which they received the other day from a very prominent poultryman tells the secret of their success and indicates that Mr. Nix's tireless efforts have not been without reward. I reprint the letter herewith because it conveys the situation so much better than I have been able to in my inexperienced way as a writer on this subject:

"Laomi, Illinois.

"Prairie State Incubator Co.

"Gentlemen: I am one of those fellows called poultry cranks, breeding the famous Single Comb White Leghorns, and have had the ups and downs in the poultry business that every one has, but few live over. I have had the troubles due to lack of experience, vain fancies, great pocketbook imaginations and hard luck, as they call it, in the end.

"Now, what I want to say for the good of the new beginners and the poultry fraternity at large is, profit by my experience, use good hard sense; buy Prairie State incubators and brooders, follow instructions and you will reach the much desired goal—success. It is no fairy tale; just get some good will power and stick-to-it-iveness; use good oil and good eggs and Prairie State incubators will hatch more chickens than any broody old hens. The Prairie State colony brooders and universal hovers will raise them. I just want to say this: After ten years of experimenting with everybody's 'best' incubator and a lot of deathtraps called



J. L. NIX.

that is possible to know about this interesting question of artificial incubation. Being a most modest man, though he has discovered many important factors, he is legitimately obtained through the improvements he has made from time to time added to the Prairie State machines.

Our readers will perhaps remember two years ago Mr. Nix's experiments with the "hen that stole her nest" which gave a pretty good idea how thorough, how deep and how comprehensively he con-

THE PEERLESS "RINGLETS"

True to Their Tradition, Are Again Great Winners at New York

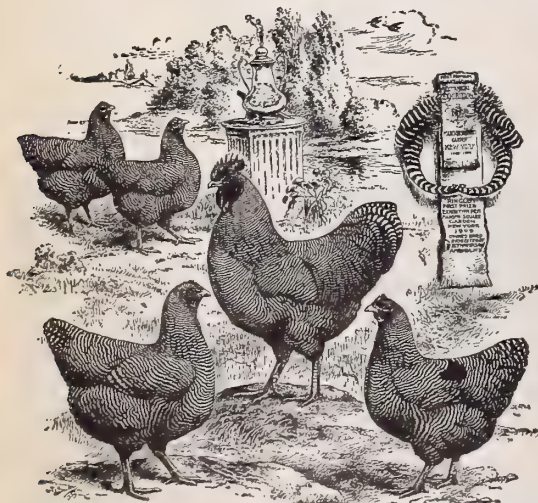
At the Imperial Madison Square Garden Show, 1909
E. B. Thompson's Barred Plymouth Rocks

win First, Third and Special Prizes on Exhibition Pens; special prize Cock; special prize Cockerel; numerous specials on hens and pullets, and the Harding \$50 Challenge Silver Cup offered for best exhibition pen. The race at this 1909 New York Show was a Marathon for speed and quality, and my First Prize Silver Cup Exhibition Pen was declared by expert opinion to be the finest ever exhibited—a paragon of perfection—and created a sensation as the finished achievement in modern Barred Rock breeding.

The "Ringlets" are always imitated—but never equalled. They are first in record, first in quality and first in popularity. Their record at New York for 22 years is **GOLD LINED**—it is a calendar of successive victories demonstrating step by step their irresistible advance towards the world's absolute leadership.

The Enormous Prestige of the "Ringlets" Created by Superlative Quality Has Made Them the Standard by Which All Other Barred Rocks are Judged

I now have on my farm the largest and finest lot of superior exhibition and breeding birds I ever owned; they show the "Ringlet" barring and the sharp contrasting colors that win under all judges.



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909.

Richly illustrated 58-page catalogue mailed upon request; it is full of original pictures of New York winners from life. 1000 grand breeding and exhibition cockerels for sale. Elegant hens and pullets in any number. Show birds fit to win in any competition. You may have the product of my skill, reaped by 30 years' experience, at reasonable prices. Your wants will have my very best and personal attention.

SEE MY AD ON
BACK COVER PAGE

Address E. B. THOMPSON, Lock Box 510, AMENIA, NEW YORK

brooders, both high-priced and medium-priced, my poultry business did not pay off the mortgage, but when I finally settled on the Prairie State, things took a change. I really believe the Prairie State machines will revolutionize the poultry business, and there will be less failures than in the past. Now, don't experiment. It costs money. Just buy the Prairie State machines.

"This is an unsolicited testimony, and I wish you could use it to some good. I like to tell the good news to others."

"O. C. Van Doren,

"Owner of the Purity Stock Farm where Single Comb White Leghorns roam."

The above letter tells the whole story of the Prairie State Incubator Co. in a nutshell. It is the genuine merit and high standard of practicability of their machines that have made them so universally in demand. Just as Mr. Van Doren says, it is costly to waste time and money on incubators and brooders that are as yet in the experimental stage when one can get time-tried, modern machines that are the result of years of effort and experience, and which are proving every day practical successes in the hands of both beginner and expert.

We heartily commend and recommend the Prairie State Incubator's Co.'s product to our readers, knowing in doing so they will find these machines eminently satisfactory in every respect. They are machines which will not only hatch and assist you in rearing the greatest number of chicks from a given number of eggs, but you will get chicks that are larger, and hatched with vigor and vitality that will enable them to develop and grow to the marketable point in the shortest possible time—hence proving more economical in another respect. You will find they will require less time, less watching, and being made of high-grade material will last much longer and prove the cheapest and best in the end.

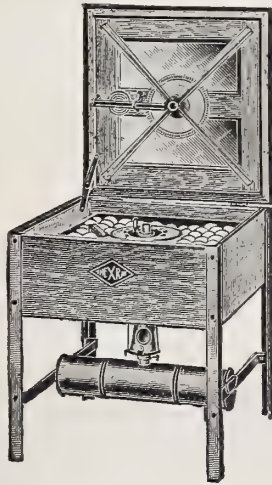
We advise our readers to send their name and address to the Prairie State Incubator Co., Homer City, Pa., to be placed on their mailing list so they will receive a copy of their 1910 catalogue, which we understand will be ready for mailing about January 1.

"We lead, others follow."

ONE GALLON OF OIL HATCHES 100 CHICKS.

That's the claim of the X-Ray Incubator. It is more than a claim, it is a guarantee.

The makers of the X-Ray Incubator, Wayne, Neb., positively guarantee that their machine will hatch 100 chicks with one gallon of oil. That is just a part of the point. The rest of it is that you put that gallon of oil in the lamp to start



with and you give it no further attention during the hatch.

Most incubator lamps have to be filled every day or nearly every day. That's fifteen to twenty fillings. The X-Ray requires one filling. They burn three gallons of oil, and upwards, to make the hatch. The X-Ray consumes one gallon.

The X-Ray incubator, which we think enough of to illustrate, is in many respects a wonderful machine. It is so essentially different in make and operation from any other incubator that it

must be considered in a class by itself. The saving of oil is wonderful. The little attention it requires and its perfectly sure automatic regulation are no less wonderful.

The X-Ray differs radically from old-style incubators in other particulars. The lamp is beneath, in the center. The heat comes up through the center and is distributed equally to the four sides and all over the chamber. The egg chamber is not flat on the bottom but slopes down on all sides toward the center—a wonderfully effective plan for keeping the heat absolutely even all over the hatching chamber. The double glass door is above, not at the side. Ventilation is perfect. Fumes have a chance to rise instantly when the doors are opened. They all escape. Fumes and bad air do not escape readily from the side doors of old style incubators. Of course the heat in the X-Ray chamber passes off with the hatching fumes. But here is one of the best of all the X-Ray provisions. That heat is restored to hatching point again in fifteen minutes.

It is a machine that every chicken raiser ought to know. The manufacturers send it out everywhere freight prepaid. It is regularly advertised in this paper. A letter or card to the manufacturers at the address given in the advertisement will bring catalogue and full particulars.

The City of Cedars Poultry Yards, Lebanon, Ohio, has a strong ad elsewhere in this issue. They are breeders of White Plymouth Rocks and at the late Cincinnati show, in strong competition, won three firsts. This is proof of the quality of their stock. Send for their free mailing list and mention American Poultry Journal.

T. A. Faulds, London, Ont., Canada, guarantees to please every customer with his Rose and Single Comb Black Minorcas. Write him for full particulars and mention American Poultry Journal.

Edward Brown, R. R. 37, Mendota, Ill., the well known Barred Rock breeder, is offering some fine large cockerels for sale cheap. If you want size and quality, write him and mention American Poultry Journal.

YES—Count Your Chicks Before They're Hatched" IF you are using the— Tycos Thermometer

The success of an incubator rests with the Thermometer—if your Thermometer is wrong, it means a poor hatch, loss of eggs, loss of time and loss of money. If your Thermometer is a "Tycos" your success is assured, for "Tycos" stands for Temperature Insurance. Therefore, if your incubator is equipped with a "Tycos" Thermometer you can **Count Your Chickens Before They're Hatched**, in spite of the old saying to the contrary.

Thermometers may look alike, but there is a great difference in their quality; and it's this quality that makes Thermometers having the "Tycos" trade mark attached dependable. Although the Thermometer is the smallest part of an incubator, it is the most important. It really is the heart of an incubator, and you know that the heart is the vital organ of the human body.

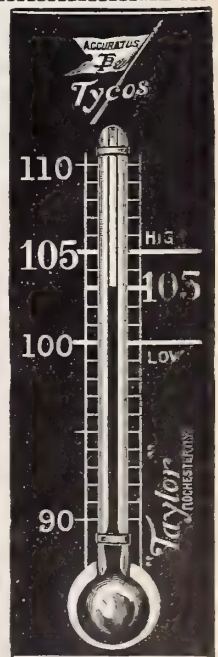
When you buy a "Tycos" Thermometer you get 60 years' experience and skill in Thermometer making. When you buy an incubator see that it is equipped with a "Tycos."

Always ask for "Tycos."

Insist upon having a "Tycos."

Write to-day for booklet,
"TEMPERATURE FACTS." It's FREE.

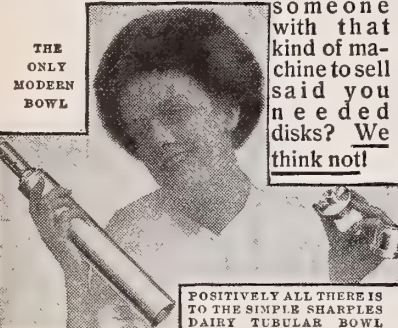
Taylor Instrument Companies, Rochester, N. Y.



Would You?

Would you buy 40 to 60 milk pails just because someone with pails to sell said you needed that many to milk a cow? Certainly not!

Would you buy or bother with an old style cream separator, with 40 to 60 disks in the bowl, just because someone with that kind of machine to sell said you needed disks? We think not!



Sharples Dairy Tubulars are The World's Best Cream Separators—and have no contraptions. Twice the skimming force. Fastest, cleanest skimming. Easiest running. Most durable. Sales exceed most, if not all, others combined. Probably replace more common separators every year than any one maker of such machines sells. World's biggest separator factory. Branch factories in Canada and Germany. These facts prove contraptions are not needed.

30 yrs
Write for Catalogue No. 205
THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore., Toronto, Can., Winnipeg, Can.

It Cures or Costs Nothing

Money back for the empty box if it fails. That's the iron-clad guarantee that goes with

Conkey's Roup Remedy

recognized everywhere for years as the one reliable remedy for this dreaded poultry disease. No poultry owner should be without it. A thimbleful in the drinking water and the fowls eagerly drink and cure themselves. Give the well fowls a little occasionally; it will tone them up and prevent disease.

Conkey's Poultry Book

New 1910
Enlarged Edition

FREE



Send for your copy at once. The enormous demand is rapidly exhausting this edition. We want to place a copy in the hands of every owner of fowls.

Facts From Men Who Know

This book does not deal in theories or opinions. It gives you facts—the result of the experience of men who have spent years in the raising, care and handling of poultry. It contains instructive articles on Housing, Feeding, Egg Production, Breeding, Care in Sickness and Health, and hundreds of other things you ought to know.

It's Absolutely Free

Simply send name of the man from whom you buy poultry supplies, with 4c in stamps to cover postage, and a copy will be sent at once. **DO IT NOW**, or you may be disappointed. [10]

THE G. E. CONKEY CO.
Conkey Laboratories
Dept. 18
Cleveland, O.

FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog free.

COILED SPRING FENCE CO.
Box 82 Winchester, Indiana.

FREE POULTRY BOOK AND CATALOGUE FOR 1910.

Poultrymen are on the watch every year about this time for the Big Free Poultry Book and Catalogue which Cyphers Incubator Company, Buffalo, N. Y., has published year after year for a dozen years or more. Every year it is the biggest and best illustrated poultry book and catalogue published by any firm, and it is eagerly looked for by those who have been fortunate enough to know of it, not simply because it is free, but because it contains more reliable information on the standing and progress of the poultry industry from one end of the country to the other than any other book—such information as cannot be secured in any other publication.

How do these five chapters strike you as an example of its contents:

Chapter 1—"Successful Hatching with Incubators."

Chapter 2—"Incubating on Cyphers Company Poultry Farm."

Chapter 3—"Brooding on Cyphers Company Poultry Farm."

Chapter 4—"Feeding Chicks on Cyphers Company Poultry Farm."

Chapter 5—"Laying Records on Cyphers Company Poultry Farm."

The first chapter tells of the methods and success of our customers; the other four tells of actual big things being done



on our own \$40,000 poultry farm—and tells it straight.

It would take years of travel and more money than most of us can spare to visit all the big poultry plants and duck farms that are illustrated in this book, and before doing so you would need to get the names and addresses of the prominent—the leading poultry fanciers, proprietors—of these farms. You would like to see their photographs before visiting their plants and for this reason, if for no other, you would find it advisable to get this book—the only one that contains what you would need. It would occupy a considerable portion of your time even if you limited your visits to the government experiment stations which are illustrated in this book; and certainly it would be a great help to you to read the letters from poultry farmers, poultry fanciers and government station experts, all having something of interest to say about the great poultry industry.

If your interest happens to be centered upon incubators and brooders and the numerous articles poultry keepers use, and the equipment of poultry farms and poultry houses, you can get in this book more valuable information, explicit descriptions and superior illustrations on the subject than can be obtained in any other way except at great expense.

Then this book contains tales of success of a few of the money-makers in the business; men who are now comparatively rich. There are illustrations of winning specimens of different varieties of fowls; photographs of Cyphers Company's mammoth incubators holding thousands of eggs at one time; their electric incubators and brooders, and details of the interior and exterior construction of their Standard incubators and brooders for 1910.

This is by no means the total contents of the 160-page book which we offer you free for the asking, but it is all we have room to refer to now. If you wish to get one, all that is necessary is to write to

the branch house of Cyphers Incubator Company that is nearest to you, being sure to ask particularly for Free Book No. 1. Address Cyphers Incubator Company, Department 30, Buffalo, N. Y., Boston, Mass., New York City, N. Y., Chicago, Ill., Kansas City, Mo., or Oakland, Cal.

We call the attention of our readers to the ad of Thaddeus E. Allee, 1325 E. 55th St., Chicago, Ill., which appears in this issue. Mr. Allee has bred White Langshans for the past 15 years and his birds have won wherever shown. Our readers should correspond with him at an early date, as he has some very fine birds for sale and orders for eggs should be booked early. When writing him mention American Poultry Journal.

White Plymouth Rocks and White Wyandottes are the two varieties bred by the Glendale Poultry Farm, R. F. D. 2, Atkins, Mich. Forty acres devoted exclusively to these two breeds. They have both exhibition and utility stock for sale. Send for illustrated circular and mention American Poultry Journal.

Reds, Rose Comb Reds that are red to the skin, is what you will find on the Edgedale Poultry Plant, Wheeling, W. Va. Write for descriptive price list and mention American Poultry Journal.

S. A. Hummel, Box 52, Freeport, Ill., will send you his 1910 catalogue free if you mention American Poultry Journal when you write him.

GALBRAITH "NEW LAND" FRUIT TREES **FREE FROM DISEASE GROW FASTER**

Nebraska trees thrive best everywhere—famous for heavy fruiting. Apples and Peaches 5c.

Catalpa Speciosa, \$2.00 per 1000.

We sell direct—no agents—save you one-half and pay freight. We comply with all requirements for interstate shipments. Catalogue with special premium offers free.

THE GALBRAITH'S NURSERIES CO., Box 22, FAIRBURY, NEB.

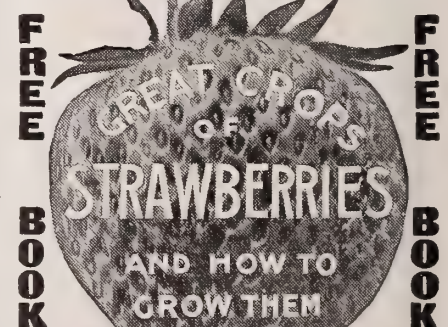
Bees, Fruit, Poultry

A GRAND COMBINATION AND A SURE MONEY MAKER—Poultry thrives on orchard insects and bees get honey from orchard blossoms and fertilize the fruit. No work, small expense and big profits from the honey, eggs and fruit you sell.

Fruit growing pays big! \$300 an acre is nothing unusual from Apples, Peaches, Plums, Blackberries, Raspberries, Strawberries, etc.

Let me send you, charges prepaid and free, my grand Combination Catalog on Orchard Trees, Small Fruit and Farm Seeds. I am giving away 20,000 live, hardy fruit plants, and you will get one of them in proper season if you ask for it now. Catalog free. Write to-day.

W. N. SCARFF,
NEW CARLISLE, OHIO.



Your Name and Address **That's All**

GOVERNMENT reports show that strawberries produce more dollars per acre and give quicker return than any other crop. Our 1910 Strawberry Text Book teaches the Kellogg method of growing larger crops of better berries than can be grown in any other way. It explains how to fertilize and prepare the soil; shows how to prune, set and mate the plants. Every detail of the work is made perfectly clear, including cultivation, spraying, mulching, picking, packing and marketing. Growers who have this book say it is worth its weight in gold. You may have it **FREE**.

R. M. KELLOGG COMPANY, Box 325 Three Rivers, Mich.

"HAS THE INCUBATED CHICK A MOTHER?"

It begins to look like our friend, Mr. P. M. Wickstrum, the Queen Incubator Man, has started something. On another page of this paper, in his incubator advertisement, he repeats his assertion, "The chick that is born in a Queen incubator won't have any mother," etc.

This revives the old question, "Who is the mother of the chicks, the hen that lays the egg, or the hen that hatches it?" After years of school house debating the dispute was finally settled in favor of the biddy that did the laying. This being true, it is quite possible and even probable that the incubated chick has a mother some place in chickendom.

But it's no easy matter to trip up a man of Wickstrum's wide experience in poultry raising. He good naturedly replies that you must read the whole sentence to get the sense out of it. He adds that poultry men and women are not so interested in whether the chick has a mother as they are in how many husky, strong brothers and sisters the chick has.

No incubator manufacturer in this country has gone into the practical side of poultry raising deeper than P. M. Wickstrum, and few have gone as far as he has in meeting the public more than half way in his business dealings. He advocates extended free trials, direct-from-the-factory prices, prepaid freight and an unqualified

guarantee covering a period of five years. "I'll go the limit," he declares, "to let readers of your paper know my incubator. If my trial plan isn't liberal enough, I'll do anything more that any man or woman suggests, if it is fair to both of us."

"I'm out for incubator business, and, fact is, I am getting it, and I don't have to depart from square, honorable business methods either, because my incubator is a wonder. Why, if Cook or Peary had had a Queen incubator along and set it square a-straddle of the North Pole, they would have had fried chicken instead of fish blubber to fill up on! My incubators are all going out and none coming in. Keeps me busy some days just reading the good letters I get from folks who try out Queens. Tell my friends I am still doing business at the old stand, Lincoln, Neb. (Box 4), and expect to be here thirty years more. One of these days I am going to print in your paper some of the letters I get from my customers, just for the benefit of your subscribers. I am certainly a warm exponent of intensive chicken farming. It's a great game. More money in it than any other kind of farm work."

N. V. Fogg, Box R, Mt. Sterling, Ky., the well known S. C. White Leghorn breeder, is advertising eggs from choice matings in this issue. Mr. Fogg has been an advertiser in these columns for a number of years and is well known to our readers, therefore it is unnecessary for us to say anything further about him


or his stock here, except to request our readers to send for his mating list and catalog.

Edward Chambers, Aurora, Ind., exhibited his S. C. Buff Orpingtons at the late Cincinnati show and made almost a clean sweep on the prizes he was competing for. Look up his ad in this issue. He guarantees satisfaction. Men-American Poultry Journal when writing him.

"Ringlet" Barred Plymouth Rocks are bred by F. R. Green, Lake City, Iowa, are just the kind you have been looking for. He is pricing them low when quality is considered. Better write him at once and get something for exhibition or breeding. Mr. Green is one of the oldest Barred Plymouth Rock breeders in the West, having been at it for 21 years. Write him for prices and description and mention American Poultry Journal.

Don't overlook the ad of Bradley Bros., Lee, Mass., the noted breeders of Barred Plymouth Rocks. This firm will treat you right and give you your money's worth. Place your order for eggs now and mention American Poultry Journal.

Cortland Incubator Company, Cortland, N. Y., are advertising for agents. Better write them today and find out what they have to offer. Don't forget to mention American Poultry Journal.



Make Your Hens Lay

When Eggs Are Worth Most

HENS relish juicy bugs and worms because these supply the protein feed they require to make eggs. The craving for meat and bone food—protein feed—is simply nature working out the egg-laying proclivity. Hens **must** have food rich in protein or egg-making elements, or it will be impossible for them to lay.

Our little book tells you all about the how and why of this. It makes you master of egg-getting. It's a book that opens up to you the real possibilities with poultry.

It's simply a matter of knowing what food to supply and how to prepare it. It is now established beyond all doubt that raw, green bone, with adhering meat and gristle, cut fine, is the ideal egg-producing food. Its cost is a mere trifle and its preparation is easy with a

Mann's Latest Model Bone Cutter

Sold On 10 Days' Free Trial—No Money Down

It turns easily and rapidly, cutting green bone, with adhering meat and gristle, wasting nothing.


Its self-governing feed automatically adapts the cutting to your strength, so that anyone can use it.

Its open, hinged cylinder is easily cleaned, and it takes in large bones. It is strong, durable, and requires few repairs. We want you to try one.

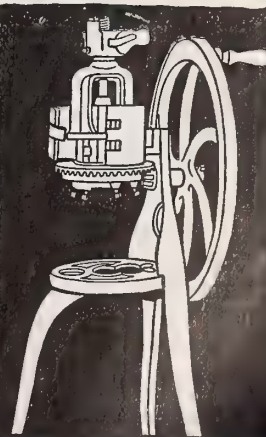
We will send you a Mann's Latest Model Bone Cutter on **10 Days' Free Trial**—no money down. If satisfied after the trial, buy it. If not, return it at our expense.

You want our good books, at any rate, send for them. We'll forward by return mail.

F. W. Mann Co., Box 56, Milford, Mass.



A FREE BOOK FOR YOU ON MAKING HENS LAY



OVERHEARD IN A CAR.

I was going down from Sidney to Piqua recently on the trolley line and at a country road station several farmers came in and two of them occupied the seat in front of me. We had gone a mile or two, and my attention was first attracted to their conversation when one looked out and in neighborly terms said, "Well, there's Charley moving away." I looked out mechanically while the second farmer replied to the first's remark by saying that he guessed Charley had to sell his farm because he got mixed up in some investment that cost him a lot of money. "I see some of the farm papers won't publish fake investment ads any more."

"Good thing, too. We are not likely to get caught like Charley did, but the boys at home used to be foolish about reading all that kind of stuff. They didn't spend any money, but it made 'em a little dissatisfied with the 'old farm' sometimes."

"We don't take a paper now that allows such stuff in it. There's enough that don't."

"I saw something in last week's paper that surprised me. I think it was in—well, I can't say now. Anyway, some fellow that has a lot of time on his hands figured out that there are 250,000,000 chickens in the United States, and he said if they were lined up single file and allowed twelve inches for each one that it would make a line over 47,000 miles long."

"Why, that would reach nearly twice around the world."

"That's what this fellow went on to say."

"The chicken business isn't what it used to be, but I guess it would be about the same if we didn't do it differently. We both used to say 'they eat their heads off,' but we know better now, and that man from Tawawa that bought the little place next to the farm that Charley had to sell is making money right along. Our folks are buying this thing and that for the chickens, and—"

"Piqua—everybody change." The conductor's voice was strong enough to carry all the way across the Miami valley.

"This chicken talk makes me think. I must go to the Ohio Marble Company,

while I am in Piqua, and order some Pearl Grit. That has done a lot for our chickens, the folks say. They say they think it is better than it was several years ago, but I guess—"

"But feeding it right along keeps hens in better shape is the way our folks figure it out. We have fed it a long time. While you're there tell them to send me another bag. Pay for mine, and I'll settle with you."

"They told me the last time I was in there that they had printed a new book about Pearl Grit, and I asked the Ohio Marble Co. if they would mind sending one all the way from Piqua, Ohio, to brother Joe out in Iowa. They sent it and wrote him that I asked them to. Well, he wrote me about a week after that and said that they had been feeding Pearl Grit to their poultry for three or four years, and that they couldn't get along without it now. He poked a little fun at me by saying the reason I hadn't heard from him for six months was because they were all too busy gathering eggs. My! But they send out a lot of free books, but they say a new customer always sticks."

"What time you going back?"

"Eleven o'clock car."

"Good morning."

LARGE SALES ATTEST THE CUSTOMERS' SATISFACTION.

Montgomery Ward & Co. are repeating this month the large advertisement that we ran for them in last month's issue. It is a group of bargains in poultry supplies that all will do well to read carefully. There is this about Montgomery Ward's goods—they are low in price, yet are of standard quality; and the fact that they guarantee every purchase to suit you or stand ready to refund the price on return of the goods affords everyone an assurance of satisfaction. They have been in business thirty-seven years, and were the first concern to unconditionally guarantee satisfaction or take back the goods without a question.

Their annual sales in poultry supplies run into very large figures. One single month's sales of crushed oyster shells alone reached a total of 150 carloads, all sold in single 100-pound bags direct to poultrymen.

Yet the poultry supply end of their business is but a small fraction of their total business. As you will see when you send for and receive a copy of their new, large catalog, they sell everything that anyone can use, eat or wear, about the home, farm or elsewhere. Their catalog is often spoken of as "a great city store brought to your door." Please mention this Journal when sending to them for their catalog, a copy of which is awaiting you free and postpaid.

James Kugler, Jr., proprietor of Maple Hill Farm, Frenchtown, N. J., has one hundred cockerels to dispose of at bargain prices. The finest and best strain in the east are grown on this farm, and every bird a genuine buff. The quality of their stock is shown by winning at New York, Trenton, N. J., and Easton, Pa., and last week won first cockerel and second cock at Dover, N. J., with Stanton, judge. If you are looking for good quality and a square deal write to Maple Hill Farm (174 acres devoted to Buffs).

H. Burkholder, Clyde, Ohio, who makes a specialty of breeding Barred Plymouth Rocks, exhibited some of his birds at the Marion, Ohio, show and won first cock; first, third, fourth cockerel; second hen; fourth pullet; fourth cockerel and second pen. If you want something good at a reasonable price, write him now and mention American Poultry Journal.

Those desiring Single Comb White Leghorns will do well to investigate the advertisement of the Lake View Poultry Farm, which appears in this issue. Mr. Koch, the proprietor, is a man of splendid business ability, and has the "goods" with which to make good his promises. We therefore have no hesitancy in recommending his stock to our patrons.

C. W. Bryant, Hamilton, O., won on Barred P. Rocks at the late Cincinnati show as follows: First, fourth hen; first pullet; third cockerel and third, fourth cock. Six premiums on eight entries. No pens shown.

Have you read the ad of W. R. Fishel in this issue? Better do so now. He is offering 1,500 cockerels of the new Standard type of White Plymouth Rocks.

Don't Be Led Away!



By great big claims and great big copy. Just play you were from Missouri and have got to be shown. Wins at Fall fairs don't mean proven claims of quality or flaring ads one has the stock. See what my own stock did last winter at Madison Square in competition with the best skill could produce or money buy. 1st, 4th and 5th cockerel; 1st and 3d pullet; 2d hen; 2d pen (broken feather in cock's tail put pen back from first place); 5th cock; 1st collection (second time in 3 years, never done before); A. P. A. special best cockerel; special best shaped male, special whitest male, and other specials. Don't that convince you my

White Wyandottes

lead the world? As sure as you are a foot high such stock breeds, it is this quality of goods you want. Blood lines? Birds that win and breed winners. Stock that can win for you. Stock that is mated by the leading specialist in the world. Look up and see who started the leading breeders of the breed. Don't you need quality? Don't you need show birds? Breeders to improve your flock? To make a new start

with stock that's right? That you made a mistake once need not discourage you. Get right! I am the lad to furnish you what you need. State your needs to the breeder who has made possible these best flocks. Send 10 cents for illustrated catalogue.

Arthur G. Duston, Box 1020, South Framingham, Mass.

WHERE QUANTITY AND QUALITY COUNT.

The nominal newspaper postage rate, at which publishers deliver their publications to the subscriber, makes possible a sowing of appropriate literature of an educational nature that permits and encourages the broader development of many lines of business. The one work that has benefited as much or more from this permitted postage rate is farming. Had an excessive postage rate prevailed, publishers in turn would have been compelled to charge the subscriber enough more to cover it. An increased subscription price would have had a tendency to small circulations. Small circulations would have curtailed quality. Curtailed quality would have held in check that educational growth from which the country has benefited from one end to the other. An example of what a consistent subscription price has done from a quality and quantity standpoint is shown in the Farm and Home, of Springfield, Mass., and Chicago.

At this time a particular inducement is being offered subscribers, as announced elsewhere. A free copy of Powell's "Making Poultry Pay" is being given with a three-year subscription at \$1, or one-year at 50 cents. To absolutely give away a book of this kind a paper must itself be good enough to secure voluntary renewals from new subscribers added under this offer, and the fact that the offer is made is evidence of the confidence of the publishers as to the quantity and quality of Farm and Home contents.

PROPER FOOD FOR CHICKENS.

Probably one of the greatest mistakes a poultryman can be guilty of is too many radical changes in the food he furnishes his chickens. It is a sure way to bring about digestive troubles and destroy the usefulness of the fowls. The food that gives the most satisfactory results should be used as long as possible.

Many poultrymen have used with great success cut green bone. It not only is greatly relished by chickens, but has the added value of making the hens lay. It is necessary that the poultry keeper should have a bone cutter that can cut all scrap bones, and the Crown Bone Cutter, made

by Wilson Bros., Easton, Pa., is one of the quickest and best machines with which to prepare the food. It cuts for the chicks as well as the chickens.

Their catalog, with full information on this subject, can be had free by addressing Wilson Bros., Box 801, Easton, Pa.

J. S. PENNINGTON, PLAINFIELD, ILL., BREEDER OF GOLDEN WYANDOTTES.

One of the new advertisers to be found in this issue is J. S. Pennington, who has been breeding Golden Wyandottes for the past ten years, and has been winning at Chicago and many other smaller shows, during this time. His latest winnings at Chicago were as follows: Fifth cock, fourth cockerel, third pullet on four entries in a hot class, 66 birds competing. Mr. Pennington has been trap nesting his birds during this time, and has succeeded in establishing a 200 egg strain; at the same time has bred them close to the Standard, that he has been able to win in hot competition as referred to above.

He has some 200 birds on hand and is prepared to furnish you either birds for exhibition or breeding purposes, with quality to appeal to the most fastidious. Mr. Pennington guarantees every bird that he sends out to be exactly as represented, or they may be returned and money will be refunded, less express charges. You will find his ad appearing regularly in the American Poultry Journal.

SOME GOOD BUFF ORPINGTONS.

Near Linden, Mich., is situated the farm of John O. Willard, which for several years past has been devoted exclusively to Buff Orpingtons. There are over 200 acres of land in the farm, including an apple orchard of some fifteen acres. Here the stock is given full and free range, with the colony house system, and seldom is there a more thrifty lot of birds seen than to be found on the farm of Mr. Willard.

The writer spent the better part of a week here the last of November, during which time every Orpington on the farm was looked over and scored, aside from

some of the old stock which was not quite over the molt and the birds that had been selected out to be turned over to the market buyer.

Some of the most select quality ever handled was to be found here—hundreds of birds of even, clear, golden buff color, grand in size and of the correct, massive Orpington type.

Mr. Willard is adding satisfied customers to his trade every day, and it is not to be wondered at when a breeder strives as he does to give every buyer his money's worth or a little more.

Any one of our readers in want of either high class breeders or birds fit to show in any company should write for the special fall sales list that Mr. Willard is sending out at this time, and thus avail himself of some of the best Buff Orpington bargains in the country.

A. Didricksen, R. 1, Whitewater, Wis., the well known breeder of Rose and Single Comb Black Minorcas, made a fine exhibit at the great Chicago show last month and again his stock proved its superiority by winning the blue. Mr. Didricksen has been breeding Minorcas for the past fifteen years and his birds have always taken the ribbons wherever shown. At the present time he reports a nice lot of single comb cockerels, hens and pullets as well as some extra fine rose comb cocks and cockerels, which he will sell at moderate prices. His ad and a list of his late Chicago winnings will be found elsewhere in this issue. Our readers will do well to correspond with him and mention American Poultry Journal.

"The Harvester" strain of S. C. White Leghorns and Columbian Wyandottes is being advertised by H. A. D. Leggett, 20 Rowley street, Gouverneur, N. Y., in this issue. His birds recently won three firsts, one second, one third and eighteen specials at one of the large eastern shows. Write him for full particulars and men-American Poultry Journal.

Are you interested in White Orpingtons? If so, write to Mrs. J. W. Holton, Catasaqua, Pa., who has won at such shows as Philadelphia, Hagerstown, Allentown and Nazareth, and has exhibition and utility stock for sale.

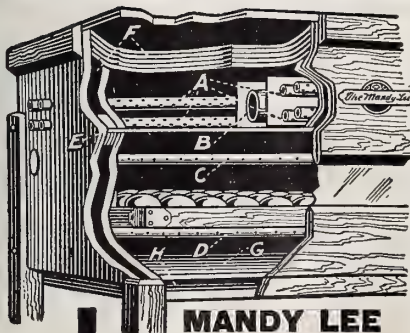
WHAT WILL POULTRYMEN DO ABOUT IT?

During 1909 producers all over the United States received for eggs an average price of more than twenty cents a dozen. The lowest average price was April 1st—sixteen and four-fifths cents per dozen. Besides, the average price for chickens was about eleven cents per pound. These figures are from Government statistics—not an estimate of an over-enthusiastic poultryman. They prove that poultry raising is a recognized industry, extremely and permanently profitable. It is a business requiring small investment. The demand for poultry

and eggs is growing from constantly increasing population, and there will always be a substantial profit-producing market. This opportunity is genuine, and comes to you. It is not made by market manipulations. The situation dictates (if not demands) that poultrymen increase their flocks—make the enterprise a real business enterprise. The situation is of a 1910 Mandy Lee incubator will be given a Mandy Lee Hygrometer. This outfit makes artificial hatching a scientific certainty. The eggs that go into your incubator are worth money, and, in justice to yourself, your hatching equipment should be the best that you can buy. Don't lose sight of the fact that Geo. H. Lee invented all for his own use—and uses them. They have made his poultry business a success. They do for others. They can do as much for you.

Geo. H. Lee wants to hear from you whether or not your plant can be increased this year. He has just written a book, Lee's "Chicken Talk," and his 1910 catalog is ready for distribution. He wants to send anyone interested a copy of each. BOTH FREE. In writing for these, do not hesitate to ask Mr. Lee's opinion or advice on anything where you think such would be of direct benefit to you. More than twenty years furnishes a ripe experience from which to draw, and he can render beneficial advice without obligating the inquirer in the least.

THE TIME IS NOW HERE TO THINK, PLAN AND ACT!



MANDY LEE INCUBATOR

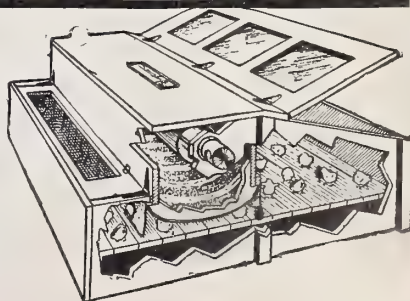
A—Perforated tubes, heating chamber. B—Inlet Pipe from heater. C—Upper ventilation, egg-chamber. D—Lower ventilation, egg-chamber. E—Air-tight diaphragm. F—Packing in walls and top. G—Chick-nursery bottom. H—Duck-nursery bottom.

THE MANDY LEE INCUBATOR FOR 1910

has our new moisture pan equipment which has withstood successfully the critical tests given it by Mr. Lee, and he now offers it, assuring customers that it has the real Lee merit. Each purchaser of a 1910 Mandy Lee incubator will be given a Mandy Lee Hygrometer. This outfit makes artificial hatching a scientific certainty. The eggs that go into your incubator are worth money, and, in justice to yourself, your hatching equipment should be the best that you can buy. Don't lose sight of the fact that Geo. H. Lee invented all for his own use—and uses them. They have made his poultry business a success. They do for others. They can do as much for you.

Mr. Lee wants you to know all about the Lee way of doing things and his inventions. Lee's "Chicken Talk," written by Geo. H. Lee, himself, is his latest book. It is free on request. With it we will send our 1910 catalog. From these two sources you can have a good understanding of what we want you to know and why we want you to know it. Write today. Both free by mail. Think, plan and act now.

GENERAL AGENTS in all principal cities.
Send for name of one nearest you.



MANDY LEE BROODER

is evenly heated throughout and neither lamp fumes nor super-heated air ever touch the chicks. The heat reaches the blanket in such a manner as to make over-heating impossible. A poultryman can afford to discard an impractical brooder and install a Mandy Lee. The extra chicks you raise will pay for it. No smoke, no gas, even heat everywhere, well-built, economical in every respect. Compare it with any make, anywhere. You want results. The Mandy Lee Brooder produces nothing else. It does what it is sold to do.

GEO. H. LEE CO., 1101 Harney Street, OMAHA, NEB.

**PLEASANT VIEW POULTRY FARM,
J. A. BICKERDIKE, PROP.,
MILLERSVILLE, ILL.**

Is pleasantly located one and one-half miles from Millersville, on a slight elevation. The farm consists of eighty acres, with a gradual slope to the south. At the highest point one has a grand view of the surrounding country. Mr. Bickerdike is a White Rock specialist, and being the inventor of the Superior Trap Nests, he has used nothing but these nests for several years, and pedigrees all his birds and sends a pedigree with each and every bird he ships, and his prices will be found to be no more for these pedigreed birds than you are paying for others. His flock at this time consists of some 600 head of fine White Rocks. He believes in the colony house plan, and has breeding yards, one-half acre runs and piano box colony coops in each. He mates up these fine pens every year, which are given the closest attention from both Mr. and Mrs. Bickerdike in collecting a pedigree of all eggs laid.

Besides these large breeding yards, the plan further consists of a cockerel breeding pen with coop and a one-acre range. The whole farm is well fenced and is divided into ten-acre fields, and each of the yards are so arranged that they can be given the freedom of some one of these ten-acre fields.

Mr. Bickerdike believes in having plenty of shade and has provided for this by planting a large number of catalpa trees. There are four colony houses which we found filled with pullets, one large breeding house in which we found some 150 old hens, also conditioning and feeding rooms in which were many pens containing all kinds of feed, oyster shell, grit, etc., etc.

The incubators are operated in the cellar of the residence and the chicks are cared for in outdoor brooders, which are used inside a long building. After leaving the brooders, the young stock is returned to the breeding yard, which produce it, until such a time as they are old enough to be banded and turned out into some of the colony coops. Mr. Bickerdike says he has found by paying particular attention to the laying quali-

ties of his strain, which he is able to judge by pedigreeing each bird, that he has succeeded in materially increasing the average egg production in that flock, and he has hens which have laid as high as 240 eggs in a year. Further says he has found his best layers have been his winners at the shows. His birds have been large winners in hot classes for many years past, but his most remarkable record was made this year at Illinois State Fair, where in competition with 156 birds of high quality, he won first, second and third cocks; first, second and third cockerels; first, second and third pullets; first, second and third hens; first, second and third pens. This exhibit was much admired by all White Rock breeders and attracted general attention, and should convince you of the quality to be found in Mr. Bickerdike's White Rocks. He also breeds a large flock of White Holland turkeys, on which he has won many prizes, and has made shipments of turkeys to England.

Mr. Bickerdike also has a large kennel of Collie dogs, which are all pedigreed, and, we understand, has some of the best blood lines to be found in this country. He has at this time several litters of puppies of different ages, which he will dispose of. He also pays some attention to the care of fruit and berries; in fact, his plant is an ideal poultry farm.

Mr. Bickerdike is an exclusive advertiser in the A. P. J. You will find his ad appearing regularly in our columns. His catalogue is free for the asking.

KEEPING POULTRY HEALTHY.

With ordinary prudent care in the matter of pure food and water and in promoting proper quarters and surroundings, poultry needs only something to tone up their systems, regulate the bowels and destroy any disease germs that are so liable to get into them. This something all fowls need occasionally from the small chick to the largest hen.

It does not matter how good your birds are, how fine and pretentious are their houses and yards; if they are not healthy you will derive neither pleasure or profit from them. The systems of fowls, like the systems of all living things, are liable to become disarranged, and it depends upon the character of the unnatural con-

dition, just to what extent they will be inefficient and unproductive. A sick or weakly fowl is worthless while in that state, and one that is not in the pink of condition is of little value to its owner.

There is nothing so good to place and keep the internal systems of poultry in perfect condition as Kemiform. Not only is it a splendid tonic, system regulator and health promoter, but is also the best known cure and preventive of nearly all dangerous diseases of poultry. It is the cheapest health insurance you can buy for your flock. A tablet placed in their drink occasionally will put your birds in a condition so you will admire them still more. When you see their healthy action, sparkling eyes, and fiery red combs you will realize that Kemiform is something all poultry men need to make profits possible. For further information turn to the Kemiform advertisement elsewhere.

INCREASING YOUR EGG CROP.

Every extra egg now is worth three in the spring, and you can double your present egg crop if you feed the fowl cut bone. Give each hen one-half ounce of green cut bone every day and you will find that she will commence laying more plentifully. Tests have proven that this feed will produce double the number of eggs secured by ordinary feeding in winter. Of course the bone must be cut right.

The Stearns Bone Cutter will cut bone, meat and gristle fine enough for bantams and chicks, without making splinters or chunks. It is fastest fine cutting and easiest fast cutting machine.

The Stearns Bone Cutter has a patented automatic feed which does perfect work. It is the strongest machine and will stand all kinds of hard usage.

E. C. Stearns & Co., who make the Stearns Bone Cutter, have prepared a very interesting booklet, "How to Make Poultry Pay," which we are sure they will send free to anyone who writes for it to Box 5, Syracuse, N. Y.

Chas. G. Pape, Ft. Wayne, Ind., exhibited some of his S. C. Black Minorcas at the late Chicago show and won the much coveted sweepstakes pen prize, besides several other prizes. His mating list is now ready. Write for one and mention American Poultry Journal.

Victor INCUBATORS AND BROODERS

will not warp and crack and leak nor "fall down" and waste your eggs, oil and time. They are built for service. We put a good, honest weight of copper into our boilers and tanks. Our doors fit and close tightly. Our regulator regulates. Our lamps burn clear and brightly. When you get the Victor you get machines that will hatch and raise chicks.

Just think of the waste to you if you buy a machine that is always 10 to 15 per cent short in its hatches.

The Difference in Profit from a Single Hatch May Pay the Difference in Cost

between an incubator of Victor quality and one of the cheap kind. You owe it to your own pocket to find out what our machines can do for you, before you purchase elsewhere.

Our catalogue "About Incubators" tells all the facts about lumber, copper tanks, lamps, burners, regulators, thermometers that you want to know. We are careful to tell the exact truth, because, with every machine we sell, we send a Bond under seal of our Company, agreeing to take it back and refund your money if it is not in every way as we said it would be. We have built up an enormous trade by honest and fair dealing.

Remember we pay freight. We do not ask you to pay cartage from our factory to our railroad station. Our prices mean delivered at your railroad station.

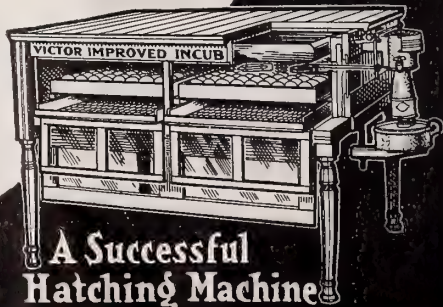
Get Our Prices Before You Purchase

Write us today before you forget it. Just say on a postal "Send 'About Incubators'" and we'll send it to you free.

GEORGE ERTEL CO., 102 Kentucky St., Quincy, Ill.
43 Years in Business Established 1867

ERTEL'S POULTRY

DIARY for use of poultry raisers in keeping account of expenses, eggs, chicks, and profits, proved so popular that we have made it a separate book. To pay part of the cost and postage we charge 10c a copy.



A Successful Hatching Machine

CHAS. A. CYPHERS AT THE HEAD OF A NEW INCUBATOR COMPANY.

His New Incubator Called the Buffalo,
Combining Quality with Low Price,
Creates a Big Stir.

A big stir is being made in the incubator manufacturing world by the announcement that Chas. A. Cyphers is putting a low-priced incubator on the market. In order to do this Mr. Cyphers, whose name has always stood for highest possible quality, found it necessary to build a new factory and equip it through-out with special machinery.

For nearly twenty years Mr. Cyphers has been a leading poultryman and incubator manufacturer. In all that time his name has stood for highest quality, and he has invariably refused to put out machines of inferior hatching qualities. His position on this point was well stated in a recent interview. In that Mr. Cyphers said: "I never could see the honesty of offering two grades. I think every incubator should represent the best effort of the manufacturer, and if the cheap machine did not do that, it should never be permitted to reach the market."

"On the other hand, if the cheaper machine is practically as good as the higher priced companion, it is pure dishonesty to charge any difference in price. I have said always that, when I can make at a low price as good a machine as has always been associated with my name, I will stop manufacturing the high-priced one."

"It has been apparent for some time that the only way to reduce existing costly methods was to make a complete change. That meant scrapping expensive machinery and starting anew from the ground up. That is exactly what I have done."

"For manufacturing my new Buffalo Incubator and Brooder, I have a new factory and new machinery of special design. Consequently, my new machine equals the high priced incubators always associated with my name, yet I can sell it profitably at about half their price."

No name among poultrymen is better known than Mr. Cyphers', and so it is not surprising that he is receiving inquiries by the thousands for catalogues. Our readers should write for these, addressing Mr. Cyphers at his new company, Buffalo Incubator Co., 4700 Ellicott Square, Buffalo, N. Y.

GETTING EGGS IN WINTER.

Why don't hens lay in winter? "It's agin natur," says the old fashioned man or woman who "keeps" chickens. The poultryman who makes his chickens keep him knows, however, that hens will lay in winter and lay regularly if fed egg making foods.

And, curiously enough, egg making foods are cheapest of all. Cut green bone, the best of all, costs almost nothing, because your butcher will generally give you all you need. Even if green bone costs you 5 or 10 cents, its food value for eggs is many times greater than grain, so that you actually reduce the poultry feeding cost.

The "trouble" of cutting green bone with such an easy machine as the Dandy Bone Cutter is no greater than preparing a mash. Any reader who is skeptical either of the egg making value of green bone or of the ease with which it is cut in a Dandy, may secure one of these cutters for free trial. In any event, every poultry feeder should write to the Stratton Manufacturing Company, Box 17, Erie, Pa., for a copy of the Dandy Poultry Book. It is sent free to our readers.

Chas. C. Coulter, proprietor Maywood Farm, Frankfort, Ind., breeds Rose Comb Rhode Island Reds of the highest quality. This farm consists of 150 acres and the young stock have free range, which insures their being strong, healthy and vigorous. Look up his ad in this issue and get into communication with him. He will give you fair treatment.

J. S. Pennington, Box A, Plainfield, Ill., the Golden Wyandotte breeder, made a phenomenal winning at St. Louis and Chicago the same week. He can furnish show birds or breeders. Don't overlook his ad in this issue.

Don't you want a nice canary? The U. S. Bird Store, Burlington, Iowa, can supply you and at a reasonable price. Write them now.



A 50 Egg BUCKEYE INCUBATOR

\$5

with lamp and complete outfit ready for hatching—guaranteed to hatch every hatchable egg. Our 50-Egg Buckeye is a simple, self-regulating, latest-improved machine. Hatching quality backed by a 40-day free trial or money back without dispute. 10,000 sold last season, on this guaranty, and not one returned. Larger sizes on same guaranty and at correspondingly low prices.

"Anybody can hatch Chickens with a Buckeye"

Twenty years on the market. 100,000 in successful operation. Every reader of this paper, who keeps chickens, should send for our poultry books telling how 51 chicks were hatched from 50 eggs, and "Making Money the Buckeye Way."

Buckeye Incubator Co., 1313 Innisfallen Ave., Springfield, Ohio

YOU OUGHT TO HEAR A WING PIANO

FOUR WEEKS'
FREE TRIAL
We Pay Freight Both Ways

A Beautiful Toned High-
Grade Piano on
Easy Payments

In 41 years we have built and sold over 40,000 WING PIANOS. All this experience goes into the WING PIANO of today, and makes it as high a grade Piano as you can buy. Thousands of customers yearly write us of the tone and durability of their WING PIANO.

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We have in press a magnificent 156-page "Book of Complete Information About Pianos." It will be the most complete and costly book ever published by any piano house. It is a complete encyclopedia of the piano, giving its history and telling about its construction. Shows how to tell a good piano from a bad one. Gives you a good start toward a musical education. Our price for the book is \$1, but by sending now for our other free book, "A Standard Piano," which ought to be in the hands of every music-lover, it will show you how to get the big book free when it comes from the printer. The book, "A Standard Piano," tells in detail the business methods of the old house of WING & SON. Why they send Pianos for free trial—why they can undersell local dealers, and how you can pay for a Piano and not know it.

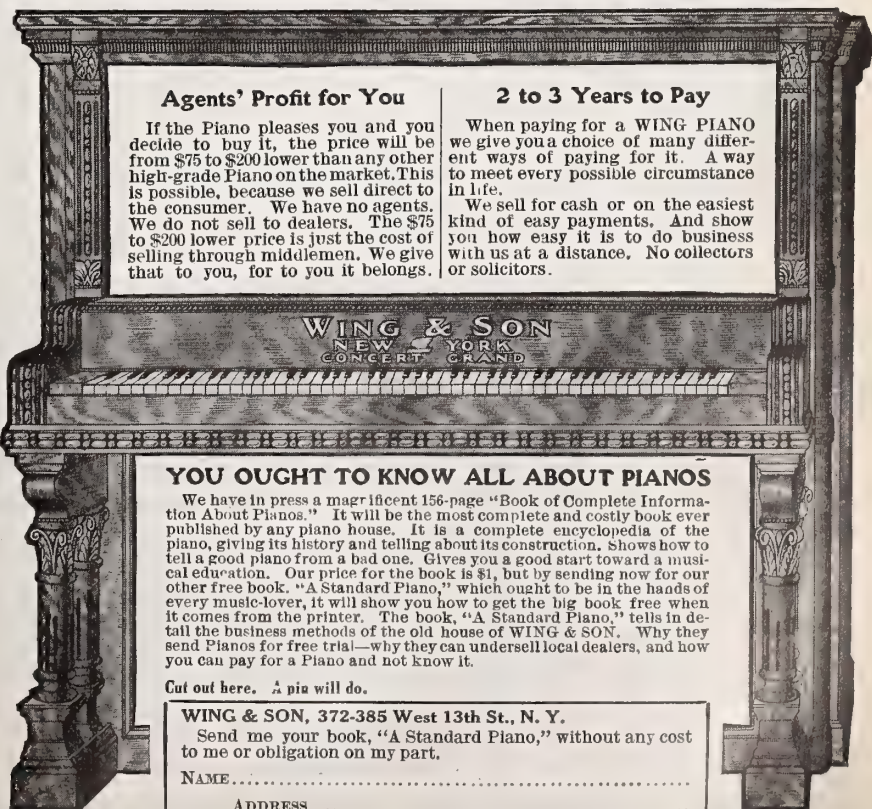
Cut out here. A pia will do.

WING & SON, 372-385 West 13th St., N. Y.

Send me your book, "A Standard Piano," without any cost to me or obligation on my part.

NAME.....

ADDRESS.....



**PARKSIDE POULTRY FARM, N. P.
EASLING, PEKIN, ILL., THE
GREAT WHITE LEGHORN
FARM OF THE WEST.**

Parkside Poultry Farm is located on a sandy ridge, just outside the city of Pekin, directly across the road from the city park. The view from the residence is very fine, the park having beautiful walks and drives and a very pretty little artificial lake. The main poultry building is very large, and in it is located a gasoline engine, feed mill and bone cutter for the grinding of all grains, and the cutting of bone fed to their large flock of White Leghorns. Here also is the incubator cellar, which has a capacity of 2,000 eggs. Adjoining this and in the same building is the brooder house, with a capacity of 1,000 chicks. The capacity of the entire plant is about 1,400 head of breeders and layers, and 10,000 chicks are hatched annually, many of which are shipped to supply the demand for day-old chicks, some 3,000 being raised each year to supply the ever increasing demand for "Parkside Superior Strain" of White Leghorns. The plant further consists of some 12 buildings, four of which are 14x100 feet and four 14x60 feet, these latter being divided into 10-foot pens and used as breeding yards; also 14 colony houses, which are located on the east side of the hill. At the time of our visit, we found some 2,000 birds, and every house was filled to overflowing. It was truly a beautiful sight to look over this plant, dotted all over with White Leghorns, having snow white plumage and pretty red combs, always alert and active.

Mr. Easling has paid particular attention to producing a strain having a great laying capacity, as originally he started an egg farm. However, he discovered that he was producing birds that filled the Standard requirements, so he commenced showing and has been winning ever since.

In one of the large buildings we found 150 cockerels. This was certainly a sight worth seeing, and we stopped to gaze at these beautiful birds for fully fifteen minutes before we were ready to proceed

further. Among this beautiful flock of cockerels, one could easily pick out birds fit to grace any show-room. They were indeed typical White Leghorns, having the much desired low tail carriage, and being extra fine in head points, with plumage as white as the driven snow. It was certainly a sight to please the eye of any White Leghorn fancier. Many of these birds were early hatched and are now fully matured; others were found in another building that were somewhat younger and will come along in time for the later shows.

Several of the other large houses were filled with pullets, those which were younger being separated in different houses in a different manner, that they may be fed properly. Particular attention is given to the feeding proposition of this plant that every bird may receive all it can eat without having been overfed. The flock was found in a perfectly healthy condition, and cleanliness prevails everywhere. Mr. Easling has always won the cream of prizes wherever he shows, and has many fine silver cups and taken several A. P. A. diplomas when in hot competition. His many prizes are too numerous to mention here, and we will confine ourselves to the Chicago show of 1908, where he won first, second, third, fourth and fifth cockerel; first, second, third and fifth pullet; also first pen; also silver cup for best display; no old birds shown. This and Mr. Easling's other winnings should convince the most skeptical that Mr. Easling is producing Leghorns which are up to Standard requirements and have the quality to win as well as the breeding in them, which makes them a noted laying strain.

He has won the cream of the prizes at Chicago for the last two years. His recent Chicago winnings, December 7 to 12, were as follows: First, second, third hen; first, second, third pullet; first, second third cock; second, third, fourth, fifth cockerel; first pen.

Mr. Easling line breeds his stock, and the above winners were all bred and raised by him, and these winnings should convince any one he has superior quality in S. C. White Leghorns.

He issues annually a very handsome catalogue, containing fine illustrations of

the prize winners and bird's eye views of his plant, and if interested in White Leghorns, we should advise you to send for it. It will be mailed you upon receipt of four cents in stamps. You will find his ad appearing in each issue of the A. P. J.

**CANFIELD & KING, PAINESVILLE,
OHIO, BREEDERS OF COLUM-
BIAN WYANDOTTES.**

One of our new advertisers, whose ad appears in this issue for the first time, is the firm of Canfield & King, Painesville, Ohio. They make a specialty of breeding high-class Columbian Wyandottes. While these gentlemen are new advertisers with us, they are not inexperienced breeders, having devoted twenty years to the breeding of fancy poultry, and they may justly claim to have had sufficient experience to know how to produce quality and how to feed a flock of birds to produce stamina and strong, vigorous fowls. They not only produce birds that go out and win for them but are able to supply their customers with winners for the leading shows and state fairs under the best judges. They have named their strain the "Can-King," which is noted for its vigorous, blocky type and snappy color, for its winning the silver cups, blue ribbons, diplomas, etc. They are now offering about 150 head of fine specimens, and can please you if you are in need of a Columbian Wyandotte. They are making special prices on cockerels this month, and you will do well to have your flock headed by a cockerel of the Can-King strain.

We refer you to their ad, which is to be found elsewhere in this issue.

Rickey's S. C. W. Leghorns made a remarkable winning at the late St. Louis show, and again proved their superiority. Write Chas. H. Rickey, Box A, Clarence, Mo., for full particulars, and mention American Poultry Journal.

For prize winning White Holland Turkeys write H. B. Cass, Buffalo Hart, Ill., and mention American Poultry Journal.

120-EGG METAL-COVERED INCUBATOR

Freight Prepaid

\$7.50

**Larger
Sizes at Equally
Attractive Prices**



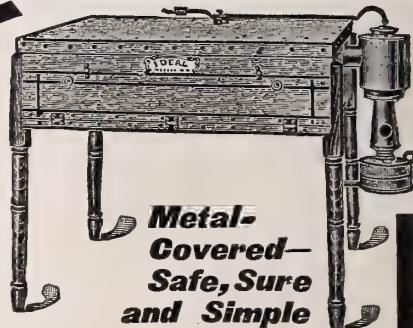
J. W. Miller

Delivered to your R. R. Station, complete, ready for hatching. No extras to buy. Metal-covered all 'round—front, back and sides, top and bottom. The safest built. The record of the Ideal speaks for its quality. No other incubator has given such universal satisfaction among the experienced and inexperienced alike. Made of the best materials; three thicknesses of wall and dead air space. MADE RIGHT in every way, and sold direct, freight prepaid, at a price no other manufacturer could produce it for. Our big, helpful free book tells why—

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are hatching and raising chicks for thousands who have failed with other machines. Because more simple, absolutely self-regulating and self-ventilating. Delivered free east of Missouri River and north of Tennessee. If you live beyond these lines, write for delivered price. Write for Free Book—"Poultry For Profit" No book will put you so far on the road to success with poultry. Full of dollar-making hints and money-saving prices. Illustrates and describes complete Ideal line of poultry supplies and thoroughbred fowls. Write at once for your free copy.

J. W. MILLER COMPANY, Box 56, Freeport, Ill.



**Metal-
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Safe, Sure
and Simple**

**Why Poultry
Pays,
and
How to
Make It Pay.**



PUBLISHED BY
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WHY POULTRY PAYS AND HOW TO MAKE IT PAY

A book for the beginner in poultry raising and for those engaged in it who are interested in securing from the business the greatest profit obtainable. This book tells you how to start right, how to succeed with poultry, how to line breed, how to win at the shows, how to breed and prepare fowls for market, how to feed for the production of eggs. Also contains a chapter on Poultry Diseases and simple remedies for same. Gives instructions on incubators and brooders and much other valuable information, and is profusely illustrated with ideal drawings of Standard fowls.

We are selling this book at the popular price of **50 cents**. This book and one year's subscription to American Poultry Journal for only **75 cents**. Send all orders to

AMERICAN POULTRY JOURNAL PUB. CO.
358 DEARBORN STREET - - CHICAGO, ILLINOIS

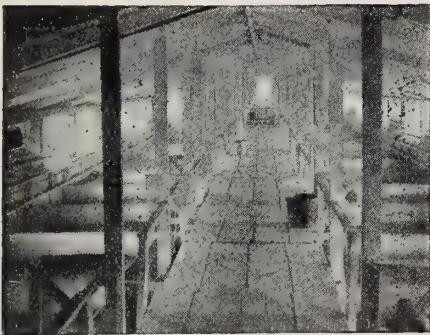
THE INCUBATOR THAT USES THE HEN.

Most of our readers have heard of the incubator that uses the hen. So far as we know there is but one patented incubator of that kind. The honor belongs to the Natural Hen Incubator, which was invented and patented by Johan F. Siems, an eminent German poultry specialist, formerly of Columbus, Neb., but now of Los Angeles, Cal.

This Natural Hen Incubator is a wonderful invention. The hen is everything in it. She furnishes the heat, ventilates and regulates. There is no lamp and, therefore, no deadly fumes to kill the chicks in the shell, no overheating, no expense for oil, no danger of fire, no thermostat or artificial regulators. Best of all, the results are claimed to excel those of any other incubator on the market.

The invention has government sanction. It carries two United States patents and is also patented in foreign countries. It is used by a host of poultry people. Last year the number was said to exceed 500,000. That the users think the Natural Hen Incubator way is the only way may be gathered from what they say. Here are a few enthusiastic extracts from letters sent us by Mr. Siems, of the Natural Hen Incubator Company.

One says: "Would not be without it for \$25." A lady says: "Would not be without it at any price. Want to keep it, considering the trouble I have had with setting hens before." Another writes: "Worth five times its cost." Another: "The most common sense natural hen incubator that could be gotten up; worth fully \$10 to \$20." Still another writes: "Would not take \$10 for the use of it



BROODER HOUSE ON RANCOCAS FARM, BROWN'S-MILL-IN-THE-PINES, N. J.

this season." Another lady writes: "I never had anything on the farm that gave me so much pleasure," etc., etc.

The Natural Hen Incubator costs but \$3 for a 200-egg hatcher. This, as will be seen, is a wonderful saving on the price of other incubators. Both price and results indicate that the Siems plan of hatching should be investigated. A letter to Natural Hen Incubator Company, at 1349 Constance street, Dept. 4, Los Angeles, Cal., will put you in touch with the company and their plan. We advise writing to the company. Before doing so read their advertisement on another page of this paper.

Elsewhere in this issue will be found the ad of the Crystal Spring Farm, Snively Bros., proprietors, C. E. Snively, manager. 1910 will be this farm's third year of business, and they have issued their first annual catalogue, which contains illustrations of the various fowls which they are breeding. In speaking of their stock they state that they have spared neither time or money to secure the best possible stock, and their birds will compare with the best, both for utility and fancy. They are amply prepared for shipping either stock, eggs for hatching or baby chicks. They also manufacture a lice powder guaranteed to do its work in good shape or your money refunded. Do you want a catalogue? If so you should write to Crystal Spring Farm, R. R. 5, Lititz, Pa., not forgetting to mention American Poultry Journal.

Silver Laced Wyandottes, Houdans and Indian Runner ducks are the varieties bred by Blue Bell Farm, Glenview, Ill. They made a fine exhibit at the late Chicago show and won many premiums. Their stock has been bred in line for thirty years. Write for circular and mention American Poultry Journal.

Poultry Books

Your Choice of Any Poultry Book Listed Below is Given Free For Subscriptions

A 25-cent book for 1 subscription. A 50-cent book for 2 subscriptions. A 75-cent book for 3 subscriptions. A \$1 book for 4 subscriptions. A \$1.50 book for 6 subscriptions.

These books are offered to give you a chance to obtain one or all of these books without spending one cent of your money.

Get your neighbors interested in the American Poultry Journal, have them subscribe through you, and send us their subscriptions. Select any of the following list of books for your time and trouble and same will be sent to you at once.

Subscription prices, United States and Mexico, 50 cents a year; Canada, 75 cents, and foreign, \$1.

MISCELLANEOUS.

American Bird Fancier. By Brown and Walker. (For the song bird fancier).	\$0.50
American Standard of Perfection.	1.50
A Living from Poultry.	.25
A Treatise on Food and Egg Production.	1.00
All About Broilers and Market Poultry Generally.	.25
American Fanciers' Poultry Book—Paper, 50c; cloth.	1.00
Artificial Incubating and Brooding.	.50
Asiatics.	.50
Bantam Fowl.	.50
Belgian Hare Guide.	.25
Belgian Hare Course of Instruction.	4.00
Biggle Bee Book.	.50
Biggle Pet Book.	.50
Biggle Poultry Book.	.50
Book on the Hamburgs.	.50
Broilers and Roasters.	.50
Canary Birds (110 pages).	.50
Capons for Profit (Greiner).	.50
Chick Book.	.50
Don't Kill the Laying Hen (Potter System).	1.00
Duck Culture (Rankin).	.50
Ducks and Geese.	.75
Eggs and Egg Farms.	.50
Egg Question Solved (T. F. McGrew), paper, 25c; cloth.	.50
Egg Record and Account Book.	.25
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Farm Poultry (George C. Purvis).	1.35
First Lessons in Poultry Keeping, Series 1.	.50
First Lessons in Poultry Keeping, Series 2.	.50
500 Questions and Answers (Darrow).	.25
From Shell to Show Room.	.50
Guinea Culture.	.25
Hand Book (contains valuable recipes and trade secrets, feed care and management in health and disease.) (Pocket size).	.15
Handy Egg Record and Poultry Account Book.	.25
How to Grow Chicks (T. F. McGrew), paper, 25c; cloth.	.50
How to Make Poultry Pay (New). (Contains 8 colored illustrations.)	1.00
How to Raise Poultry for Pleasure and Profit.	.25
Incubator and Its Use.	.25
Leghorns.	.50
Little Chicks.	.50
Making Poultry Pay (Edw. C. Powell), (Cloth).	1.00
Minorcas of Every Comb and Color (Northrup).	.50
Money in Hens.	.25
New Egg Farm, 331 pages (cloth) (H. H. Stoddard).	1.00
999 Questions and Answers (Heck).	.50
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Perfected Poultry of America. 257 pages, 107 full page plates.	2.50
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Secrets of Expert Exhibitors and Easy Lessons in Judging (Heck).	2.00
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Poultry Show Dates for 1910

- Jan. 5-10—Oshkosh, Wis. Tucker, Russell, Judges; Carl H. Krippene, Secy.
 Jan. 6-7—Estherville, Iowa. W. Walker, Secy.
 Jan. 6-8—Maynard, Mass. Ernest Reynard, Secy.
 Jan. 6-10—New Holstein, Wis. T. M. Campbell, Judge; H. H. Greve, Secy.
 Jan. 7-10—Webster City, Iowa. C. H. Rhodes, Judge; H. E. Ross, Secy.
 Jan. 7-13—Mankato, Minn. Geo. D. Holden, Judge; Fred O. True, Secy.
 Jan. 7-14—Owatonna, Minn. Geo. D. Holden, Judge; A. J. Bosshard, Secy.
 Jan. 10-13—Sheldon, Iowa. Mills and Blattler, Judges; A. W. Beach, Secy.
 Jan. 10-14—Lexington, Ky. F. J. Marshall, Judge; Frank L. Smith, Secy.
 Jan. 10-14—Mineral Point, Wis. T. J. Rountree, Judge; Allen Tucker, Secy.
 Jan. 10-15—Monmouth, Ill. W. G. Warnock, Judge; S. L. Hamilton, Secy.
 Jan. 10-15—Youngstown, Ohio. McClave, Wolsiefer and Tompkins, Judges; R. L. Davies, Secy., 210 Branden St.
 Jan. 10-15—Easton, Pa. Wittman and Corey, Judges; George W. Heck, Secy.
 Jan. 10-15—Evansville, Ind. T. M. Campbell, Judge; H. J. Reimer, Secy., 113 Heinlein Av.
 Jan. 10-15—Salt Lake City, Utah. Charles V. Keeler, Judge; C. J. Sander, Secy., 3335 South Seventh St.
 Jan. 10-15—Sullivan, Ill. George A. Heyl, Judge; P. B. Harshman, Secy.
 Jan. 10-15—Defiance, Ohio. J. C. Long, Judge; Edw. S. Bronson, Secy.
 Jan. 10-15—Rockford, Ill. Russell, Heimlich, Judges; Chas. S. Gilbert, Secy.
 Jan. 10-15—Kankakee, Ill. McClave, Judge; E. P. Vining, Secy.
 Jan. 10-15—Wichita, Kan. Thos. Owen, Secy.
 Jan. 10-15—Kalamazoo, Mich. J. Y. Bicknell, Judge; J. J. Vandenberg, Secy.
 Jan. 10-15—Bozeman, Mont. C. S. Norton, Judge; Mrs. Bert Senter, Secy.
 Jan. 10-15—Columbus, Ind. Campbell & Fishel, Judges; C. J. Carter, Secy.
 Jan. 10-16—Rochester, N. Y. Webb, Denny, Gardner, Stanton, Cornish, Maunder, Judges; F. A. Newman, Secy., Box 472.
 Jan. 10-16—Columbus, Ohio. G. R. Haswell, Secy.
 Jan. 10-16—Danville, Ill. Burgett and Coburn, Judges; F. J. Lovell, Secy.
 Jan. 10-16—Kansas City, Mo. Pierce, Rhodes and Hewes, Judges; P. H. DePree, Secy.
 Jan. 10-16—Denver, Colo. J. R. Wilson, Secy., care Denver Dry Goods Co.
 Jan. 10-16—Ames, Iowa. Campbell and Mills, Judges; J. B. Kooser, Secy.
 Jan. 10-16—Mt. Vernon, Ohio. Ben S. Myers, Judge; Luther A. Stream, Secy., 27 Belmont St.
 Jan. 11-13—Bristol, Vt. Dan P. Shove, Judge; J. W. Ketchum, Secy.
 Jan. 11-14—North Freedom, Wis. E. G. Roberts, Judge; Geo. W. Hackett, Secy.
 Jan. 11-14—Smithfield, W. Va. Eugene Sites, Judge; E. R. Cunningham, Secy.
 Jan. 11-14—Elmira, N. Y. Harry H. Hays, Secy.
 Jan. 11-14—West Point, Iowa. U. J. Shanklin, Judge; Albert M. King, Secy.
 Jan. 11-14—Pulaski, N. Y. John W. Parkhurst, Secy.
 Jan. 11-14—Bedford, Iowa. J. A. Shaner, Judge; J. W. Hopson, Secy.
 Jan. 11-14—Baraboo, Wis. E. Roberts, Judge; George Hackett, Secy., North Freedom, Wis.
 Jan. 11-14—Clare, Mich. F. W. Naviss, Judge; John Northon, Secy.
 Jan. 11-14—Elkins, W. Va. H. B. Darnall, Secy.
 Jan. 11-14—Dalton, Mass. Felch and Tucker, Judges; H. R. Messinger, Secy.
 Jan. 11-15—Fairmount, W. Va. H. A. Emmel, Judge; C. B. Conaway, Secy.
 Jan. 11-15—Evans City, Pa. J. E. Gault, Judge; W. R. Baker, Secy.
 Jan. 11-15—San Diego, Cal. William McDougal, Secy., Cornado, Cal.
 Jan. 11-15—Guthrie, Okla. F. P. Leamer, Secy.
 Jan. 11-15—Weldon, Ill. Stanfield, Judge; Dr. A. V. Fouts, Secy., Box 29.
 Jan. 11-15—Tiffin, Ohio. Falkner and Struble, Judges; V. Crabtree, Secy.
 Jan. 11-15—Bloomington, Ind. H. B. McCracken, Judge; W. J. Van Behren, Secy.
 Jan. 11-15—Boston, Mass. W. B. Atherton, Secy., 30 Broad St.
 Jan. 11-16—Milwaukee, Wis. Tucker, Keller, McCauley, Judges; Wm. R. Knell, Secy., 276 W. Water St.
 Jan. 11-16—Muskogee, Okla. C. W. Zimmer, Judge; S. J. Anderson, Secy.
 Jan. 11-16—Kalamazoo, Mich. J. Y. Bicknell, Judge; J. J. Vandenberg, Secy., 1328 Krum Av.
 Jan. 11-16—Shenandoah, Iowa. Southard, Judge; Ellsworth Beach, Secy.
 Jan. 12-14—Herdon, Va. Wittman and Defandorf, Judges; A. H. Kirk, Secy.
 Jan. 12-15—St. Joseph, Mich. R. B. Foresman, Secy.
 Jan. 12-15—Pulaski, N. Y. J. W. Parkhurst, Secy.
 Jan. 12-15—Blue Island, Ill. Rapp and Jansen, Judges; A. W. T. Doerman, Secy.
 Jan. 12-15—Richmond, Ind. Jno. C. Thueman, Secy.
 Jan. 12-15—Farmland, Ind.
 Jan. 12-15—Moncton, N. B., Canada. Geo. H. Seamar, Secy.
 Jan. 12-16—Cardington, Ohio. O. S. Johnson, Judge; D. J. Babson, Secy.
 Jan. 12-17—Watertown, Wis. J. E. Greenwald, Judge; A. J. Gamm, Secy.
 Jan. 12-18—Detroit, Mich. Tucker, Mullinix, McCord, Stanfield, Judges; M. E. Green, Secy., 217 E. Euclid Ave.
 Jan. 13-14—Scranton, Iowa. S. B. Mills, Judge; D. J. Downing, Secy.
 Jan. 13-15—Douglas, Ariz. E. P. Grindell, Secy.
 Jan. 13-15—Cottage Grove, Ore. Harry H. Collier, Judge; W. C. Conner, Secy.
 Jan. 13-15—Downers Grove, Ill. W. S. Russell, Judge; Geo. M. Kline, Secy.
 Jan. 13-15—Rutherford, N. J. Stanton and Yelton, Judges; R. H. Wilcox, Secy.
 Jan. 15-18—Warsaw, Ill. Shaw, Judge; Charles Paar, Secy.
 Jan. 13-19—Richmond, Va. Drenstedt, Graham, Morrison, Judges; W. R. Todd, 426 N. Sixth St., Secy.
 Jan. 13-20—Minneapolis, Minn. Holden, Shellabarger and Rhodes, Judges; Chas. O. Johnson, Secy., 4201 Colfax Ave.
 Jan. 14-18—Charlotte, N. C. E. G. Warden, Secy.
 Jan. 16-21—Portland, Ore. J. C. Clipp, Judge; J. C. Murry, Secy.
 Jan. 17-20—Atchison, Kan. Thomas Southard, Judge; F. W. Manglesdorf, Secy.
 Jan. 17-21—Hastings, Neb. Rhodes, Ellison and Johnson, Judges; L. P. Ludden, Secy., Lincoln, Neb.
 Jan. 17-21—Goshen, Ind. Mullinix, Judge; H. E. Kruts, Secy.
 Jan. 17-21—Grand Rapids, Mich. Tucker and Ulise, Judges; C. E. Perlee, Asst. Secy.
 Jan. 17-21—Wooster, Ohio. McClave, Judge; Phil V. Rice, Secy.
 Jan. 17-21—Lowell, Ind. B. H. McCracken, Judge; Frank Maloy, Secy.
 Jan. 17-21—Utica, N. Y. Austin G. Warner, Secy.
 Jan. 17-21—Frankfort, Ind. O. L. McCord, Judge; Harry Bogan, Secy.
 Jan. 17-21—Utica, N. Y. Jaquins, Kemp & Platt, Judges; A. G. Warner, Secy.
 Jan. 17-22—Scranton, Pa. Wittman, McGrew, Nevins, Bean, Glasgow, Stanton and Wolford, Judges; A. W. Close, Secy.
 Jan. 17-22—Georgetown, Wis. J. Frank Randall, Secy.

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 Jan. 17-22—Parkersburg, W. Va. Sites, Judge; J. C. W. Busch, Secy.
 Jan. 17-22—Canonsburg, Pa. T. M. Campbell, Judge; Geo. C. McPeake, Secy.
 Jan. 17-22—Galesburg, Ill. Thos. S. Falkner, Judge; O. I. Judson, Secy.
 Jan. 17-22—Akron, Ohio. J. W. Gauthier, Secy.
 Jan. 17-22—Wakeman, Ohio. McClave, Judge; C. H. Figuers, Secy.
 Jan. 17-22—Walla Walla, Wash. Collier, Purdy, Judges; H. Dickinson, Secy.
 Jan. 17-22—Franklin, Ind. W. W. Zike, Judge; W. R. Farmer, Secy.
 Jan. 17-22—Sault Ste. Marie, Mich. George B. Holden, Judge; David Thomas, Secy.
 Jan. 17-22—Cedar Rapids, Iowa. Shellabarger, Keeler and Shanklin, Judges; S. M. Wiley, Secy.
 Jan. 17-22—Decatur, Ill. D. T. Heimlich, Judge; Charles W. Keyes, Secy.
 Jan. 17-22—Wheeling, W. Va. W. T. Wittman, Judge; Thomas S. Meek, Secy.
 Jan. 18-21—Attica, Ind. F. L. Shaw, Judge; W. E. Gilmore, Secy.
 Jan. 18-21—Rapid City, Pa. Warnock, Judge; E. B. Rohrer, Secy.
 Jan. 18-21—St. Albans, Vt. May and Shove, Judges; W. B. Witters, Secy.
 Jan. 18-21—North Adams, Mass. C. M. Ottmann, Secy.
 Jan. 18-21—Milton, Wis. A. B. Kaye, Judge; B. J. Curtis, Secy.
 Jan. 18-21—Cadillac, Mich. Ray V. Otto, Judge; C. A. Saunders, Secy.
 Jan. 18-22—Alva, Okla. J. J. Atherton, Judge; C. D. H. McKnight, Secy.
 Jan. 18-22—Grover Hill, Ohio. E. H. Shiveley, Judge; E. E. Mell, Secy.
 Jan. 18-22—Huntington, Ind. Ira C. Keller, Judge; Harry I. Young, Secy.
 Jan. 18-22—Van Wert, Ohio. A. B. Shaner, Judge; R. P. Everly, Secy.
 Jan. 18-22—Howell, Mich. G. P. Henry, Secy.
 Jan. 18-22—Logansport, Ind. J. C. Long, Judge; William Grace, Secy.
 Jan. 18-23—Atlanta, Ga. C. O. Harwell, Secy., 113 North Payor St.
 Jan. 18-21—Ogdensburg, N. Y. Gardner & Mosher, Judges; N. M. Connolly, Secy.
 Jan. 19-21—Clinton, Mo. A. L. Armstrong, Secy.
 Jan. 19-22—Shreve, Ohio. Thos. M. Campbell, Judge; Elden E. Sprang, Secy.
 Jan. 19-22—Holton, Kan. J. S. Kenoyer, Secy.
 Jan. 19-22—New Brighton, Pa. A. F. Kummer, Judge; J. Mays Ecoff, Secy., Beaver, Pa.
 Jan. 19-22—Port Huron, Mich. Travis, Wise, Judges; Robt. S. Taylor, Secy.
 Jan. 19-22—East Pembroke, N. Y. E. E. Banks, Secy.
 Jan. 19-22—Freemont, Ind. S. B. Lane, Judge; C. E. Gleason, Secy.
 Jan. 19-23—Three Rivers, Mich. Jas. A. Tucker, Judge; E. E. Gebhart, Secy.
 Jan. 20-23—Mullinville, Kan. D. A. Stoner, Judge; W. C. Alford, Secy.
 Jan. 21-22—Huntington, N. Y. Robt. Stanton, Judge; G. F. Klaffky, Secy.
 Jan. 24-27—Camp Point, Ill. Heimlich, Judge; E. T. Selby, Secy.
 Jan. 24-28—New Berlin, N. Y. R. F. Talbot, Secy.
 Jan. 24-28—Green Bay, Wis. W. C. Ellison, Judge; F. J. Jonet, Secy.
 Jan. 24-28—West De Pere, Wis. James Phimister, Jr., Secy.
 Jan. 24-29—Cleveland, Ohio. Hughes, Gardner, Oke, Faulkner and McClave, Judges; J. T. Conkey, Secy., 2337 East Fourth St.
 Jan. 24-29—Delavan, Wis. Russell, Judge; J. M. Blackford, Secy.
 Jan. 24-29—Leipsic, Ohio. C. P. Hanselman, Secy.
 Jan. 24-30—Danville, Ind. S. B. Lane, Judge; D. R. Jones, Secy.
 Jan. 24-30—Toledo, Ohio. Butterfield, J. W. Mahins, Judges; Frank Smith, Secy.
 Jan. 25-28—Rockingham, N. C. A. L. Fletcher, Secy.
 Jan. 25-29—Wyoming, Del. H. G. Jenkins, Secy.
 Jan. 25-29—New Castle, Pa. J. D. Jaquins, Judge; C. L. Carson, Secy.
 Jan. 25-29—Madison, Wis. L. B. Rowley, Secy.
 Jan. 25-29—Versailles, Ohio. J. C. Long, Judge; Forest Murphy, Secy.
 Jan. 25-29—Parkers Landing, Pa. W. C. Pierce, Judge; J. S. Irady, Secy.
 Jan. 25-29—Wavnesburg, Pa. E. Gault, Judge; W. O. Headlee, Secy.
 Jan. 25-29—Muncie, Ind. Chas. Veneman, Secy.
 Jan. 25-29—Howell, Mich. W. M. Wise, Judge; P. G. Henry, Secy.
 Jan. 25-29—Buffalo, N. Y. C. J. Standart, Secy., 309 Brisbane Bldg.
 Jan. 25-29—New Hampton, Iowa. U. J. Shanklin, Judge; J. C. Mueller, Secy.
 Jan. 25-29—Frostburg, Pa. Chas. T. Cornman, Judge; Wm. D. Hanson, Secy.
 Jan. 26-29—Red Bank, N. J. Davey, Munch, Staunton, Punderford and Fields, Judges; P. J. Gisleson, Secy.
 Jan. 26-29—Zanesville, Ohio. Haswell & Close, Judges; W. G. Vandenberg, Secy.
 Jan. 26-Feb. 1—Havana, Ill. D. T. Heimlich, Judge; T. B. Drisko, Secy.
 Jan. 27-30—Houghton, Mich. F. W. Travis, Judge; J. T. McNamara, Secy.
 Jan. 27-31—Fort Atkinson, Wis. Ralph Whitney, Judge; Clair Roberts, Secy.
 Jan. 27-31—Bloomington, Ill. W. C. Pierce, Judge; J. L. Ide, Secy., 706 S. Main St.
 Jan. 27-Feb. 1—Athens, Ohio. J. P. Blackwood, Secy.
 Jan. 31-Feb. 5—Spencer, Ind. Ben H. McCracken, Judge; Sid Mathes, Secy.
 Jan. 31-Feb. 2—Marysville, Kan. Rhodes, Judge; A. B. Campbell, Secy.
 Feb. 1-4—Beaver Dam, Wis. F. H. Shellabarger, Judge; Rae Weaver, Secy.
 Feb. 1-4—Oelwein, Iowa. W. S. Russell, Judge; G. W. Van Atten, Secy., West Union, Ia.
 Feb. 1-5—Mt. Vernon, Ind. Heimlich, Judge; J. A. Schenk, Secy.
 Feb. 1-5—Ashtabula, Ohio. S. T. Campbell, Judge; E. R. McCune, Secy.
 Feb. 1-5—Butler, Pa. A. F. Kummer, Judge; Samuel H. Rathbone, Secy.
 Feb. 1-5—Waukesha, Wis. W. C. Ellison, Judge; J. F. Lowe, Secy.
 Feb. 3-7—Boise, Idaho. Harry H. Collier, Judge; Meido Hillis, Secy.
 Feb. 7-11—Indianapolis, Ind. Pierce, Tucker, Kummer, Zike, Judges; C. R. Milhouse, Secy., 25 1/2 Washington St.
 Feb. 8-12—Charleston, W. Va. M. S. Gardner, Judge; F. T. Meldahl, Secy.
 Feb. 10-17—St. Paul, Minn. Butterfield, Tucker, Wilkins and Ziemer, Judges; H. J. Goette, Secy.
 Feb. 15-19—Anderson, Ind. Heimlich, Ewald, Judges; N. M. McCullough, Secy.
 Feb. 17-20—Vicksburg, Mich. Dr. C. R. Scott, Secy.
 Feb. 21-26—Pittsburg, Pa. Denny, Gardner, Jaquins and Ewald, Judges; G. C. Sutch, Secy.

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YOUR GAIN. FINE Barred Rocks at cut rates. Mrs. James Whitesides, Memphis, Ind. 12-3

PLYMOUTH ROCKS.

QUALITY WHITE ROCKS. Photo of bird priced. Approval sales. State Secretary White Rock Club. Walter Austin Wagner, Middletown, New York. 10-3

HERE WE ARE AGAIN with White and Barred Rocks; also eggs in season. At Burket's Poultry Farm, Frenchtown, New Jersey, Route 1. 10-4

RUSSELL'S WHITE ROCKS—Breeders and show birds for sale at prices that will please you. Fine white birds that will win in hot competition. A. L. Russell, Washington, N. J. 11-3

STUEBER'S WHITE ROCKS (Fishel strain) —They win whenever shown. Have yet a few good breeding and exhibition cockerels for sale. Mating list will be ready after January 15. Satisfaction guaranteed. Henry Stueber, San Jose, Ill. 1-3

WYANDOTTES.

WHITE WYANDOTTES. Exclusively. 18 years. Prices right. Ed Hippert, Kewanee, Ill. Box C. 78. 1-3

WHITE WYANDOTTES. Duston strain direct. Exhibition and utility stock from St. Louis, Decatur, Berne and Sheridan winners. Cockerels, \$2 to \$5. Herbert F. Smith, R. 8, Bluffton, Indiana. 1-2

COLUMBIAN WYANDOTTES — At Chicago, December, 1909, I won 1st, 2nd cock, 4th hen. Young stock for sale. H. M. Jordan, Box Z, Hicksville, O. 1-3

BUFF WYANDOTTE Cockerels for sale. Very choice. Claus Highstreet, Lennox, So. Dak. 1-3

PARTRIDGE WYANDOTTES. Winners at Iowa state, Des Moines, Iowa Falls. Circular. H. Townsend, Albia, Iowa. 1-4

BUFF WYANDOTTES EXCLUSIVELY—Winners wherever shown. Eggs from 4 fine pens, \$2 per 15 or \$3 per 30. M. G. Wells & Son, Sellersburg, Ind. 1-3

SILVER LACED WYANDOTTE SPECIALIST. Won over 100 regular and special prizes since 1904. Choice birds from our 1909 silver cup winners. Prices right and satisfaction guaranteed. Address Helfrich Bros., Hammond, Ill. 1-3

BUFF WYANDOTTES EXCLUSIVELY. A few fine cockerels for sale. Earl B. Morris, Signal, O. 1-3

SILVER LACED WYANDOTTES. A few fine cockerels for sale from prize winning stock. Satisfaction guaranteed. F. A. Studer, New Washington, O. 1-1

ATTENTION—COLUMBIAN WYANDOTTES.—Write us for stock and eggs. As good as the best are found in our yards. Satisfaction guaranteed. Maple Grove Poultry Yards, Machias Junction, N. Y. 1-3

WHITE WYANDOTTES. High scoring Cockerels and pullets for sale, \$2. Brockmann, Queens, L. I., N. Y. 1-1

SILVER LACED WYANDOTTES exclusively. Show and breeding stock very reasonable. Mrs. Louise Schroeder, Chestnut, Ill. 1-2

SILVER LACED AND WHITE WYANDOTTES—Kansas City winners. Fine stock for sale. Prices right. A. & E. Genser, Gilliam, Mo., Box 531. 1-1

PARTRIDGE WYANDOTTES—Breeding pens contain only high scoring birds. Eggs, \$3 per 15. Elegantly shaped cockerels and yearling hens from \$2 to \$10 each. Dr. W. W. Moorehead, Aledo, Ill. 1-3

WHITE WYANDOTTES—Large pure white, blocky birds, bred for beauty and business. Heavy laying strain. Have won wherever shown. Prices and circular on application. Wm. A. Peterson, Galesburg, Ill. 1-3

SILVER LACED WYANDOTTES—Unexcelled layers. Winners New York State Fair, Buffalo, Rochester, Auburn, Johnstown, Waterloo, Batavia. Le Roy Seigfried, Waterloo, N. Y. 1-3

SILVER LACED WYANDOTTES—Cockerels and pullets; fine show birds; prices right. Matthew O'Connell, Geneseo, Ill. 12-2

WHITE WYANDOTTE STOCK for sale from birds scoring to 96½ by Judge Helmlich. Write your wants. Satisfaction guaranteed. Wm. S. Mapes, Route 3, Eldorado, Ill. 12-3

SILVER LACED WYANDOTTES. Good shaped, perfect laced, high scoring, standard weight and a quantity of good stock for sale. Write Elmer J. Knauss, Marion, Ohio. 12-3

PARTRIDGE WYANDOTTES. Cocks, cockerels, hens and pullets. Stock first class, and prices reasonable. A. B. Evans, Box 39, Roxbury, Ohio. 12-3

PARTRIDGE WYANDOTTES—young stock. Cockerels up to five dollars; tris five to ten dollars. Your money back if not satisfied. H. B. Scranage, R. 4, Grafton, W. Va. 12-3

GOLDEN WYANDOTTE COCKERELS. Beautiful Rich Golden Bay. Write for prices. Haines Bros., R. F. D. 10, Dayton, Ohio. 12-3

SILVER LACED WYANDOTTE cockerels, fine large show and breeding birds, \$2 and up. C. D. Gregory, Route 4, Rockford, Ill. 12-3

PARTRIDGE WYANDOTTES, \$5.00 per trio. Satisfaction guaranteed. Ed Schmiedemann, Lake Mills, Wisconsin. 12-3

COLUMBIAN WYANDOTTES ONLY. Fine stock for sale. Prices reasonable. Descriptions cheerfully given. Ten prizes Milwaukee, Nineteen Hundred Eight. F. M. Griswold, Lake Mills, Wis. 12-3

SILVER WYANDOTTES EXCLUSIVELY. They are laced to the hock. Satisfaction guaranteed. G. F. Stewart, Coshocton, O. 12-3

COLUMBIAN WYANDOTTES. Pairs and tris. Arnold strain direct. B. N. Stephenson, Salem, Ind. 12-3

PARTRIDGE WYANDOTTES exclusively. April pullets and cockerels guaranteed thoroughbreds. W. Ballinger, Madison, Wis. 12-2

PRIZE WINNING WHITE WYANDOTTE cockerels and pullets, \$2 up. Egg orders booked. Emma Jackson, Winamac, Ind. 12-3

GOLDEN WYANDOTTES exclusively. Exhibition and breeders for sale. Winners at Hagerstown, Md., Wilkesbarre and Carlisle, Pa. Wit. Rhoads, Carlisle, Pa. 12-3

GOLDEN WYANDOTTES. My Golden have won for me, and customers at World's Fair, Chicago, Philadelphia, Indianapolis, and other leading shows. Circular. Wm. Spalding, Cox's Creek, Ky. 12-3

PARTRIDGE WYANDOTTES. EXHIBITION birds and breeders. Large, vigorous birds in shape for the early shows. Winner of Wyandotte Class Cup Oconomowoc, 1909; also State P. W. Cup. W. H. Milward, Pres. Wis. Part. Wyandotte Club, Madison, Wis. 12-3

WYANDOTTES—Columbian, Buff Partridge and Golden. Youngsters that will win the blue for you. Ridge View Farm, Knowlesville, N. Y. 12-3

BUFF WYANDOTTES. Fine lot of young stock now ready. From high scoring stock, early hatched, farm raised, sold at farmers' prices. Highland Farm, Willis Brown, Proprietor, Slippery Rock, Pa. 12-3

BUFF WYANDOTTES, each sex, pure Buff cockerels, \$3-10; pullets, \$2-55. Return privilege on all purchases of \$5 each. Mrs. John W. Miller, Palmer, Ill. 12-3

PARTRIDGE WYANDOTTES. "Mahogany" strain. Winners at Cedar Rapids and Chicago. Youngsters and yearlings for sale. Thomas Osborn, 309 Iowa Ave., Muscatine, Ia. 12-3

WHITE WYANDOTTES. Have bred them twenty years and believe they are right. Twenty years' success in exhibiting strengthens my belief. I only ask an opportunity to satisfy you. If I can't I neither merit nor desire your patronage. If willing to trust your own judgment write W. S. Cobb, Union Bank Building, Jackson, Michigan. 12-3

PRIZE WINNING WHITE WYANDOTTES. Some good birds for winter shows. Eggs in season. Write me. Frank E. Woodling, Logansport, Ind. 11-3

"MY BUFF WYANDOTTES have an unbroken record as winners of the Blue and Specials. Stock and eggs." Rev. Henry Janes, Kent, Ohio. 11-3

COCKERELS OF ANY VARIETY of Wyandottes that will be winners because they are from winners. Roy E. Bowers, Sycamore, Ohio. 11-3

WHITE WYANDOTTES exclusively. Duston strain for 9 years. Cockerel, \$3 up; pullets, \$1.50. Our stock scores up to 96. Cup winners. Frank Hardwidge, Poneto, Ind. 11-3

GOLDEN WYANDOTTES for profits; winners and winter layers; true Wyandotte shape; beautifully laced; satisfaction guaranteed. Write. M. A. Dugan, Liberty, Ind. 11-3

PARTRIDGE WYANDOTTES that scored 91½ to 93½. Will ship on approval. James Schrubbs, Urbana, Ohio. 11-3

GOLDEN WYANDOTTE COCKERELS, \$2 and up; bred from pen No. 1. Gerhard Hellman, West Point, Ia. 11-3

MORSE'S WHITE WYANDOTTES. High class exhibition and breeding stock for sale. H. I. Morse, Olney, Ill. 11-3

SILVER LACED WYANDOTTES exclusively. Show and breeding stock very reasonable. Mrs. Louise Schroeder, Chestnut, Ill. 11-3

WHITE WYANDOTTES—Large young birds for sale, \$1.25 to \$2.50. Turner Mills, McNabb, Ill. 11-3

WHITE WYANDOTTES—Cockerels of finest quality. Prices, \$2 up. C. F. Tribler, New Windsor, Ill. 11-3

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-11

REDUCTION SALE of all White Wyandottes. Catalogue free. Elmer Gimlin, Taylorville, Ill. 11-08-1-yr.

LEGHORNS.

SINGLE COMB WHITE LEGHORN cockerels from heavy laying strain, \$2; satisfaction guaranteed or money refunded. E. W. Harris, Agent, C. B., & Q. R. R. Co., Batavia, Ill. 1-3

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three firsts, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 1-3

S. C. W. LEGHORNS. Winners at Coldwater, Mich., Dec., 1909, of four first, three second, two third and ten special, scores 92 to 95½. Prices reasonable. C. W. & H. E. Hosmer, Union City, Mich. 1-3

SINGLE COMB WHITE LEGHORN Cockerels, \$1.00 each. These are choice birds (not culls). Order direct from ad or write for further information. Leo. A. Gartman, Oshkosh, Wis. 1-3

S. C. WHITE LEGHORN COCKERELS—Quality and price right. Geo. F. Conrad, Amanda, O. 1-3

100 R. C. B. LEGHORNS. Must sell all. Twelve hens and 1 cock, \$12. L. A. Klock, West Burlington, N. Y. 12-4

ROSE COMB BUFF LEGHORNS. Fine lot of young stock now ready. From high scoring stock, early hatched, farm raised, sold at farmers' prices. Highland Farm, Willis Brown, Prop., Slippery Rock, Pa. 12-3

SINGLE COMB BROWN LEGHORNS—I have for sale 1 extra good cock bird; also some extra good cockerels, both pullet and cockerel breeders; also pullets. A. F. Lehman, Toulon, Ill. 1-2

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Tabor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 1-3

YOUNG STRAIN SINGLE COMB WHITE Leghorns—Winners at Johnstown, Schenectady, Albany, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 11-3

SINGLE COMB BROWN LEGHORNS—Young and old stock for sale. Breeders and exhibition birds. Twenty years a breeder. Member of S. C. B. Leghorn Club. Jas. Cane, Crescent City, Ill. 1-3

SINGLE COMB BROWN LEGHORNS exclusively. Good size and bred to lay. Settings, \$1. E. V. Crooks, 515 West Platte, Colorado Springs, Colo. 1-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonsport, Ia. 1-3

MILLS' 248 EGG STRAIN. Large S. C. White Leghorns; prize winners; unequaled. Write me. D. C. Mills, Station D, St. Clair, Mich. 1-4

WYCKOFF SINGLE COMB WHITE Leghorns. extra high score stock for sale, cheap. Piasa Poultry Farm, Grafton, Ill. 1-1

BROGDEN'S ROSE COMB WHITE Leghorns win firsts at the big shows. Pure white, fine shape, low tall carriage. Birds that will please you and win. Thomas Brogden, Rush Lake, Wis. 1-1

ROSE COMB BROWN LEGHORNS—Michigan's favorites. Won at Detroit, Jackson and Ann Arbor. Intelligently culled. 17 years for eggs, size, color and vigor. Harkins & Son, Ann Arbor, Mich. 1-3

SINGLE COMB WHITE LEGHORN Cockerels, large (blue) white quills, not creamy, from 196 egg-strain, scoring 93 to 96. George W. Wolfrom, Carey, Ohio. 1-3

S. C. BROWN LEGHORN Cockerels and pullets bred from high scoring birds, \$2 and \$4. Some fine breeders, \$1 and \$2. M. Franke, Jeffersonville, Ind. 1-1

GOLDEN BUFF STRAIN Single Comb Buff Leghorns. Madison Square and Rochester winners. Stock for sale. Buff Leghorn Poultry Yards, Annville, Pa. 1-3

LEGHORNS.

FOR SALE SINGLE COMB BUFF Leghorn cockerels for \$1.50 and \$2.50 each. O. L. Hamby, Fair Play, Mo. 12-3

BUFF LEGHORNS ONLY. 200 for sale. 100 fancy show cockerels. Write quick. G. S. Hall, Farmdale, Ohio. 12-3

SINGLE COMB SNOW WHITES exclusively. The Young strain. Winners in show and trap-net. Fine cockerels, \$1.00 and up. Must have room. Satisfaction guaranteed. H. N. Clayton, Egg Line Yards, Catawissa, Pa. 12-3

SINGLE COMB BROWN LEGHORNS—few choice cockerels for sale. Dave Glattfeld, R. 34, Peoria, Ill. 12-3

WYCKOFF SINGLE COMB WHITE Leghorns, extra high score stock for sale, cheap. Plaza Poultry Farm, Grafton, Ill. 12-3

SINGLE COMB WHITE LEGHORNS. Am one of largest breeders in Northwest. Won all ribbons but four at both Minneapolis and Minnesota State Fair, 1909. Standard bred hens, cocks and cockerels for sale at reasonable prices. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minn. 12-3

MY SINGLE COMB BROWN LEGHORNS have been shown at Indianapolis, Decatur and Illinois State shows for five years and have won 80 per cent of all prizes competed for. Eph Bolin, Hammond, Ill. 12-3

BLANCHARD - WYCKOFF SINGLE COMB White Leghorns; 20 eggs \$1.00, 100 \$3.50. Orders booked now. Circular. W. Albers, Lombard, Ill. 12-3

YOUNG'S STRAIN S. C. W. LEGHORNS. Utility and exhibition birds. Frank M. Griffith, Short Creek, Ohio. 12-3

S. C. WHITE LEGHORN cockerels and pullets, bred from Illinois State show winners. Mrs. I. A. Francis, Paris, Ill. 12-3

SINGLE COMB BUFF LEGHORNS. Fine birds in hens, pullets and cockerels. If you want the most for the money, we feel confident we can please you. Write for prices. Westview Poultry Yards, Box A, Machias, N. Y. 12-3

THOROUGHbred ROSE COMB WHITE, Brown and Buff Leghorn cockerels for sale. L. Macomber, Gaylord, Mich. 12-3

BUFF LEGHORNS. FINE LOT of young stock now ready. From high scoring stock, early hatched, farm raised, sold at farmers' prices. Highland Farm, Willis Brown, Prop., Slippery Rock, Pa. 12-3

S. C. BROWN LEGHORNS, pullet bred cockerels bred for shape, color and laying qualities. H. M. Moyer, Route 2, Bechtelsville, Pa. 12-3

SINGLE COMB WHITE LEGHORNS. One of the finest and greatest laying strains of S. C. White Leghorns in this part of the country. Eggs for hatching \$2.00 per 15, \$6.00 per 100. A few fine young cockerels for sale at reasonable prices. Lawrence Poultry Yards, Cooks Park, Evansville, Ind. 12-3

ROSE COMB BUFF LEGHORNS. Winners at Madison Square, Cleveland, Buffalo, etc. Some nice stock for sale. Howard J. Fisk, Box A, Falconer, N. Y. 12-6

S. C. WHITE LEGHORNS. Vigorous, choice, young stock at reasonable prices. E. E. Selle, Freeport, Ill. 12-3

BEAUTIFUL, STANDARD BRED, HEAVY laying Single Comb Brown Leghorns for sale. Addie Whitesides, Memphis, Ind. 12-3

ROSE COMB BROWN LEGHORNS. Kulp strain direct. John Cook, Route 7, Bluffton, Ind. 12-3

SINGLE COMB BROWN LEGHORNS, choice cockerels, \$1.00 up. Mrs. John Dietrich, Borden, Ind. 12-3

ROSE COMB WHITE LEGHORNS—young stock from blue ribbon winners at Illinois State Show and Indianapolis, Ind., 1909. Illustrated circular. Edward L. Beach, 645 Sixth, Lincoln, Illinois. 12-3

STATE CUP AND FOUR FIRSTS on Single Comb Brown Leghorns. F. Starr, Newton Falls, Ohio. 12-5

BLANCHARD - WYCKOFF SINGLE COMB WHITE LEGHORNS. Strains separate. No breed or strain equals these as heavy layers. Finest breeders, layers; show birds; on approval. Day-old chicks any number, any distance, guaranteed. Hatching eggs, any number from choice selected stock, my specialty. Carefully packed against cold, breakage. Guaranteed 80-95 per cent fertile. Fifteen years experience. Reference: First National Bank. Circulars. C. N. Reynolds, Canton, Pa. 12-3

SINGLE COMB BROWN LEGHORN pullets and cockerels; mating cockerels bred from prize-winning strains. If you want quality, write me. Steward Houck, West Easton, Pa. 11-3

FOR SALE — WHITE LEGHORNS, Rhode Island Reds. Eggs in season. Won forty prizes in two shows. F. A. Goddard, Defiance, O. 12-3

ROSE COMB WHITE LEGHORNS, Rocky River strain. Better than ever. Choice lot of young stock from our prize winners for sale. Some choice exhibition stock. Jas. McCollister, Clarksburg, O. 12-3

COATES' STRAIN S. C. W. Leghorns, better than ever. Write for winnings. Stock for sale from New York, Chicago and Ontario winners. Dr. R. C. Coates, Thamesville, Ontario, Canada. 11-3

SINGLE COMB WHITE LEGHORN cockerels, \$1.25 each. Great laying strain. C. P. Thompson, Benson, Minn. 11-3

CHOICE BUFF LEGHORN cockerels, single comb. From prize winning stock. Prices reasonable. R. B. Kirchner, Kahoka, Mo. 11-3

BLACK AND BUFF LEGHORNS—Reasonable. Bred from Chicago, Omaha, Kansas City, Minneapolis winners. Nick Fuse, Naperville, Ill. 11-3

SINGLE COMB BUFF LEGHORNS. Eighty elegant cockerels at reasonable prices. Our birds blue ribbon winners Cleveland, Toledo, Ashtabula, Youngstown; also New Castle, Pa. Address S. E. Shipman, North Girard, Pa. 11-3

ROSE COMB WHITE LEGHORNS—Old and young, high class exhibition stock for sale. Buffalo, Erie, Geneva, Painesville, Cleveland and Akron winners. Write your wants. W. D. Norton, North Girard, Pa. 11-3

ROSE COMB BUFF LEGHORN birds of quality, from high scoring stock, excellent winter layers. Cockerels and some yearling hens from my breeding pens at reasonable prices. Jacob Pautier, Evansville, Ill. 11-3

S. C. W. LEGHORNS exclusively for 26 years. Have now the best I ever owned. Am offering them at reasonable prices. J. H. Kollmeyer, Quincy Heights Poultry Farm, Quincy, Ill. 11-3

SINGLE COMB WHITE LEGHORN Cockerels and pullets, \$1 each. Elegant birds. Sunbeam Poultry Yards, 1739 IOWA ST., Oshkosh, Wis. 11-3

SINGLE COMB WHITE LEGHORNS. Wonderful laying and exhibition strains. Wyckoff and Youngs direct. Bred separately. Prices reasonable. J. A. Shineman, Canajoharie, N. Y. 11-3

ORPINGTONS.

S. C. BLACK ORPINGTONS, Owen Bros.' strain. Fine stock for sale from prize winners. Eggs for hatching from choice mated pens. Prices within reach of all. Mrs. H. Wedder- spoon, Cooperstown, N. Y. Perthmoore Farms. 1-1

BLACK ORPINGTONS. A clean sweep at recent great Rochester show. 1st Black Orpington cock, 1st, 2d and 3d Black Orpington hens, 1st, 2d, 3d and 4th Black Orpington cockerels, 1st, 2d, 3d and 4th Black Orpington pullets, 1st, 2d and 3d Black Orpington pens. Fresh air houses, farm range; health and vigor. The demand for eggs will be larger than ever, therefore it will be wise to order early; shipment when desired. Send for mating lists. A few choice cockerels (big, husky fellows) for sale at low prices. Grannis Bros., R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1yr

ORPINGTONS S. C. BUFF Cockerels, \$2, \$3 and \$5 each; pullets, \$2 each. Eggs after February 1, \$2 per 15; \$10 per 100. B. S. Long, Little Sioux, Ia. 1-3

SINGLE COMB WHITE ORPINGTONS—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

PRIZE WINNING BUFF ORPINGTONS—Black Langshans. Some fine birds at bargain prices. John Cole, M. D., Williamsfield, Ill. 1-3

A FINE LOT OF WHITE ORPINGTON Cockerels for sale. Big, strong fellows. March 1, April hatch. Bottom prices. Write me. T. H. Rynerson, Box 119, Moores Hill, Ind. 1-1

100 SINGLE COMB BUFF Orpington Cockerels up to and above standard weight. Score, 90 to 93½, by Russell and Heimlich. R. M. Seward, Lewistown, Ill. 1-3

S. C. BUFF ORPINGTONS—Eggs from pen of high-scoring hens headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Pullets for sale. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 1-3

25 SINGLE COMB BUFF ORPINGTON Cockerels, farm raised, at \$1.50 to \$3 each. Amasa Roberts, Bentonport, Ia. 1-1

10 S. C. BLACK, 3 Buff Orpington cockerels, \$3 each. Fine all over. T. A. Noonan, Wyoming, O. 12-3

BLACK ORPINGTONS \$5.00 per trio. Fine, large birds. Ed Schmiedemann, Lake Mills, Wisconsin. 12-3

BUFF ORPINGTONS. Of the winners at the great Rochester show we own 1st, 2d and 3d Buff Orpington cocks, 4th and 5th Buff Orpington hens, 1st Buff Orpington cockerel, 1st and 4th Buff Orpington pullets, 1st Buff Orpington pen. Our Orpingtons have the range of 140-acre farm and fresh air houses, insuring size and vigor. The demand for eggs will be so large we advise ordering now to be shipped when wanted. Send for mating list. A few choice cockerels for sale at low prices. Grannis Bros., R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1yr

WE ARE NOW BOOKING orders for eggs from Blue Grass Cook and Kellerstrass White Orpingtons. Our birds are low down and good shape. Eggs, \$2, \$3 and \$5 per 15. Guarantee ten fertile. Write us. Blue Grass Farms, Wakeman, Ohio. 1-3

A FEW CHOICE BUFF ORPINGTON Cockerels for sale. A good bird for \$3. First Cockerel, first and second pullet and first pen at Wellington and Elyria fairs, 1909. Buff and White eggs for sale, \$1 per 13. River Side Farm, Wakeman, O. 1-3

CRYSTAL WHITE ORPINGTONS—Cockerel, \$2, up. No females. W. H. Heitkamp, New Bremen, O. 1-1

CRYSTAL WHITE ORPINGTONS—Eggs and stock for sale. (Cook and Kellerstrass strain.) Eggs from 2 pens. Pen No. 1 score, 94 and over. Pen No. 2, 92 to 94. Prices reasonable. Heaps & Blake, Kewanee, Ill. 1-3

CRYSTAL WHITE ORPINGTON cockerels for sale. Booking egg orders now. Thos. Brogden, Rush Lake, Wis. 1-1

WORLD'S BEST ORPINGTONS. Rose and Single Comb, Buff, White or Black. Winners at Madison Square, New York, Jamestown Exposition, etc. Eggs and chicks. Write J. S. Haupt, Fairview Farm, Box 70, Easton, Pa. 12-3

S. C. BUFF ORPINGTONS—Solid Buff from head to tail, good shape and eyes. Stock and eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Steward, Ill. 1-6

ORPINGTONS. All varieties. Winners. Stock. Eggs. Satisfaction. Circular. F. C. Bailey, Reading, Mich. 1-1

S. C. BUFF ORPINGTONS for sale. Write. Elmer H. Squibb, Salem, Ill. 1-3

BIG BLACK ORPINGTON cockerels and pullets for the shows. High bred, but low priced. Send for photos. "Orpington," Delavan, Wis. 1-2

6 S. C. CRYSTAL WHITE Orpington cockerels for sale, from eggs direct from Kellerstrass, \$5. Mackey's Poultry Farm, Nevada, Iowa. 12-3

SINGLE COMB BUFF ORPINGTONS. Nine years a breeder. Cook strain. Eggs, \$5.00 per 100; \$3.00 for 50. Pullets for sale. Fred S. Long, Fredericktown, Ohio. 12-3

SPECIAL SALE! Buff and Black pens fit for small shows \$15 up. Buff Black White cockerels \$2.50 each up. Send for world's laying record. Cheviot Poultry Farms, Cincinnati, O. 12-3

S. C. WHITE ORPINGTONS, cockerels and pullets for sale; good ones, and the best of blood. Good cockerels for \$4.00 each; good pullets for \$2.00 each. Otto Anderson, Barnard, Mo. 12-3

SINGLE COMB BUFF ORPINGTON cockerels, "April hatch," each \$1.50. Mrs. John A. Jewell, R. 8, Decorah, Iowa. 12-3

FOR SALE—CRYSTAL WHITE ORPINGTONS. The famous Crystal King and Peggy strain. Booking eggs half price to January 1. F. A. Maibaugh, Liberty, Ind. 12-3

S. C. BUFF ORPINGTONS. Prize winners at big shows. Yearling and early hatched young stock for sale. Bargains in trios and breeding pens. Eggs, \$3 set. Emma Adams, Wyaconda, Mo. 12-3

DO YOU WANT SOME of my improved Crystal White Orpington (Kellerstrass) stock? Only a few choice ones left. Am booking egg orders now. Don't forget Guy Colman, Platte City, Mo. 12-3

BUFF AND BLACK ORPINGTONS of grand color and type. Winner at Chicago, Nashville, Memphis and Birmingham. Stock and eggs for sale at reasonable prices. Write. M. E. Taylor, Orleans, Ind. 1-3

EARLY HATCHED S. C. Buff Orpington cockerels, large, healthy, farm-raised birds. White Holland Turkeys, Gray Call Ducks, White Wyandotte cockerels (White Acme strain). C. H. Figuers, Fern Hill Poultry Plant, Wakeman, Ohio. 11-3

SINGLE COMB BUFF ORPINGTONS, "The Golden Nugget Strain." Order your show birds now, as I have some grand pullets that weigh 5 pounds, and cockerels 7 pounds now. The large, heavy boned kind. All of them out of prize winning stock. D. W. Boydston, Nevada, Iowa. 10-09-1yr

ORPINGTONS.

WHITE ORPINGTONS. The following winners at the recent great Rochester show are in our breeding pens: 1st, 2d and 3d White Orpington cocks, 3d and 5th White Orpington hens, 1st and 3d White Orpington cockerels, 2d White Orpington pullet, 2d White Orpington pen. Farm range, fresh air houses, insuring bone and vigor. Orders booked now for eggs. Mating lists on request. A few choice cockerels for sale at very reasonable prices. Grannis Bros., R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1yr

SINGLE COMB BUFF, BLACK, WHITE and Rose Comb White scientifically mated pairs, trios, pens. Scored winning birds. Doctor Evans, Le Grand, Iowa. 12-3

NOTICE OF IMPORTATION—We have just received from England what Mr. Sissons says is the finest lot of White Orpingtons that ever left England. Magnificent type and size. Will spare six cockerels and thirty-four pullets. Also many fine birds of our own strain. Write quick. Cheviot Poultry Yards, Cincinnati, Ohio. 11-3

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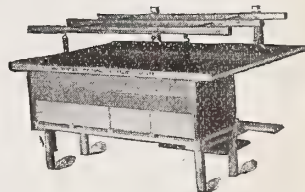


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1-6

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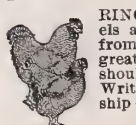
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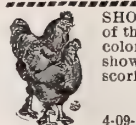
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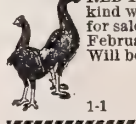
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ZINSEK'S TRAP NEST PEDIGRED White Rocks. Win at Peoria, cockerels, first and tie for second; scores, 95½ and 94½; pullet, fourth; score, 94½. Eggs \$2 for 15. Only three matings. Reference, First National Bank.

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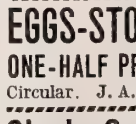
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Single Comb. Buff Leghorns EXCLUSIVELY, 50 CHOICE utility cockerels, a few pullets and yearling hens for sale. Write for prices.

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FIFTY WHITE HOLLAND Turkeys, White Rocks and White Wyandottes and Buff Rocks, Pekin Ducks, Embden Geese, Toulouse Geese and Brown African Geese for sale. All bred from first and second prize winners of State Fairs and poultry shows of 1908-9. Write your wants, 11-3
FELIX FRAIN
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EXCLUSIVELY DUSTON Strain—Choice early cockerels, pullets, yearling hens and cocks. Good high-scoring trios, \$10 \$12, \$15; pens, \$12, \$15, \$18 and up. Show birds a specialty. Eggs 50, \$3.50; 100, \$6.00. Omaha shipments. J. H. FARIS, Forest Lawn Wyandotte Yards, Florence, Nebraska. 1-1

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AUSTIN'S PYROTONE KILLS lice and mites on chickens and canaries. Safe and sure. Large bottle, express prepaid, \$1. Circular free. Agents wanted. Write today. W. P. AUSTIN, 398 West Water Street, Elmira, New York. 11-09-1yr

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HIGHEST Quality; leading winners best shows. Silver cups, club and other specials. Ten trios of youngsters for breeders at ten dollars trio. Bred from winners. F. S. BULLINGTON, Box A, Richmond, Virginia. Sec'y-Treas. American White Orpington Club. 5-09-1yr

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MOST PROFITABLE poultry. Nature's product. Vigorous, hardy. Great winter layers. Trap nested. Richly bred cockerels, pairs, trios. One for eggs and baby chicks now. Circular. Established 1892 F. H. WOOD, Sta. C, Cortland, N. Y. 12-09-1yr

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THE BIRDS BRED by DeGray win, lay and pay. Stock and eggs for sale. Orders now taken for eggs and baby chicks. Outcut Poultry Farms, G. DeGray, Box 25, Franklin, N. Y. 1-10-1yr

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NORTHUP STRAIN—Grand exhibition and breeding cockerels and pullets for sale. Bred from winners at Minneapolis, St. Paul and New Hampton. Let me start you out right with a trio or pen. Eggs in season. Write for prices. A. P. Kieren, New Hampton, Ia. 1-10-1yr

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BUTTERCUPS ARE THE coming breed for eggs. They lay continuously. We have imported some beautiful birds from Sicily. Eggs for hatching and stock for sale. Circulars sent with pleasure. MRS. J. S. DUMARESQ, Cato's Hall, Easton, Md. 1-1

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At the late Marion, Ohio, show in a hot class I won first, third and fourth cockerels; first cock; second pen; fourth pullet and fourth hen. Choice cockerels of both matings for sale. Write for prices and mention A. P. J. H. BURKHOLDER - - - - - CLYDE, OHIO

R. and S. C. Black Minorcas and R. C. Brown Leghorns

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W. C. PIERCE

White Wyandottes

H. C. DIPPLE
In a class of about 130 birds at the great Illinois State Fair 1909, we won first cock, first and second hen second and third pullet and first pen. This, with other winnings in America's largest shows for the past ten years, demonstrates that we have the QUALITY. Four hundred farm raised birds to sell, show birds or breeders. Satisfaction guaranteed.

Dipple & Pierce, 114 North Delaware Street, Indianapolis, Indiana

1883

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Hewes' Farm Blk. Langshans

Have won more prizes at Chicago, New York, Boston, Buffalo and Scranton, Pa., than any flock in America. All firsts at Chicago on males two years in succession and all firsts December, 1909. Send for circular and prices if interested in the best breed and the best strain.

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Andrews' White Wyandottes

New Honors at Chicago—December, 1909, on four entries won second and fourth cockerel and third and fourth pullet and color special. They are also winning at largest shows in United States and Canada for my customers. They can win for you. Grand breeding males with winning blood back of them, only \$10.00 each. Bred from first Boston cockerel and first pen cockerel. Send for circular.

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THEY ALWAYS WIN—Genuine sacrifice sale of all my fine prize-winners, to make room for young stock. Some choice early birds for show and breeding at prices you can afford to pay. Write today.

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Safe arrival guaranteed. 10 to 18c each. Orders booked now. Send 2c stamp for 32-pg. illus. cata. Sunny Side Poultry Farm, Box A P, Cromwell, Indiana.

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Northern raised "the Hardy kind." New York, Boston, Johnstown and New York State Fair winners. Send for my circular.

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Made of aluminum, are adjustable and cannot lose off. Price: 12, 15c; 25, 20c; 50, 35c; 100, 60c. Sample free. Special until March 1. American Poultry Journal 1 yr. and 100 Modern Leg Bands 75c. Clyde Eakin, Box 982, Bartlesville, Okla.

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Choice cockerels, trios and pens for sale at reasonable prices. All bred from prize winning stock. Write me your wants.

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Highest honors and greatest record number of prizes won by any exhibitor, 5,500 birds competing. 17 prizes, total of 67 points; great Mo. State, Coliseum. Best and largest display, \$50 silver trophy cup, and Mo. State cup; best male and female. Two 1sts, three 2ds, four 3ds, three 4ths, three 5ths. 85 birds in class.

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Have won the blue at Boston, Providence, Brockton Fair, Lynn and Milford. Some very fine show birds as well as breeders for sale at reasonable prices considering quality. Write me your wants and let me quote you prices.

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Kulp's Wonderful Rose Comb Brown, 242-egg strain; **S. C. Brown**, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs, Two of greatest strains bred.

S. C. White, big white 236 egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

Barred Rocks (Bradley's) won \$100 cup, 1909, big finely barred birds and great layers.

S. C. and R. C. Rhode Island Reds (Tompkins'). Eggs, \$2 per 15; \$5 per 45. Few special pens. Cat.

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COLUMBIAN WYANDOTTES

that swept the deck at the West Michigan State Fair. Eggs \$3 per 15, \$5 per 30. A very few cockerels left at reasonable prices.

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Corey's Goldenglow Strain--Are winners wherever shown. A fine lot of cockerels for sale. Why not get the best and win? Write for full particulars. Satisfaction guaranteed.

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POULTRY QUEEN FOUNTAIN

will keep water warm in winter without fire, therefore will not freeze. It will keep water pure and fresh until used. As the fowls drink from the cup the water flows automatically from the reservoir. It is impossible for dirt to get into the water. Where the production of winter eggs is desired this fountain is indispensable. As a labor saver it pays for itself in a short time. In watering young chicks you don't have to carry water every day. By replenishing the water once a week the water will be clean and pure.

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White Plymouth Rocks

Are you interested in a bird to win for you? Or in need of a good breeder that will produce you some winners? If you are interested, send where you can get the best value for your money. All transactions guaranteed satisfactory.

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Send 10 cents today for club book! Tells why Blacks are best of Orpingtons. The favorite of all who breed the three varieties together. Tells of Australian Government proof of laying supremacy--most rapidly maturing fowl--largest per cent of white meat--largest and most beautiful of Orpingtons.

Milton Brown, Secretary, Cheviot Poultry Farms, Cincinnati, Ohio

Ricksecker's S. C. R. I. Reds

Red? Yes, red inside and outside. The Reds that win in shape and color. At American Royal Stock Show, Kansas City, October, 1909, won 1st, 2d and 3d cockerel; 1st, 2d and 3d pullet; 1st and 2d cock; 1st and 3d hen; 1st and 2d pen. Every first and every second but one. At Kansas State Fair Show, won 1st and 2d cockerel; 1st cock; 1st and 2d pullet; 1st, 2d and 3d hen; 1st and 2d pen and 1st sweepstake cockerel over entire American class. Every first again. At Missouri Valley Inter-State Fair, Kansas City, 1909, won seven premiums on eight entries. We have furnished many first prize winners to customers this fall. If you want winners, buy eggs from the stock that produces winners. Big, strong, vigorous, Western bred birds, fit to show anywhere. All stock sold. Egg circular and mating list now ready, it's free.

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World's Champion of 1906, Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of First Chicago Cockerel, 1902; also from the sire of First Chicago Male, 1906. These and other Chicago 1st Prize Winners were bred by us and hatched by customers FROM EGGS WE SOLD.

First Prize Winnings at Chicago and Kansas City and at the Largest Shows outside of New York whice our birds have won for our customers should alone be Sufficient to Demonstrate the Superiority of Our Strain.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets. Also, several choice Yearling Cock Birds, both cockerel and pullet bred.

FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

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Won by Bradley Bros., Lee, Mass.

BARRED P. ROCKS

AT MADISON SQUARE GARDEN

THE LAST 20 YEARS

BIRDS WE BRED AND RAISED HAVE WON

{ 1st PRIZES, TOTAL--MORE by over 11 per cent }
{ 1st PRIZES, on COCKERELS--MORE by 50 per cent }
{ 1st PRIZES on MALES MORE by 42 per cent }

than any other exhibitor has won on ANY STOCK

☞ All of the Silver Cups Competed for have been Won By Us, 3 Times out of five.

☞ Four 1st, Four 2d and Three 3d Prizes, besides other awards have been Won by Us at a Single Madison Square Garden Show.

☞ Three Times have Males of Our Breeding Won FOUR OF THE FIVE PRIZES Offered in the Class; including Firsts.

24 OF OUR "LEE BELLE" LINE

Of Females have been First Winners at New York Shows Alone. First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

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S. C. W. LEGHORNS HUBER'S FAMOUS SUPERIOR STRAIN

Best in the West. In the largest and hottest class of S. C. W. Leghorns ever shown in Chicago, we won 1st ckl., 3d pen, 5th cock and 4th and 5th hen. Our 1st cockerel was conceded by all judges to be the finest bred White Leghorn cockerel ever shown. Eggs from pen headed by this bird, \$10 per 15; other pens \$5 and \$3 per 15. Utility matings \$2 per 15, \$10 per 100; fertility guaranteed in every egg we ship. As utility fowls our birds are unequalled, our flock record of 150 hens averaging 170 eggs each, stands unequalled. Few grand June and July hatched exhibition ckls., \$5 and \$10 each. Utility breeders, \$2.50 and \$5 each. A few good breeding hens and pullets, \$2.50 and \$5 each. Positively nothing cheaper.

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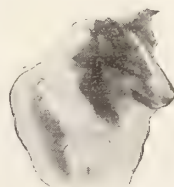
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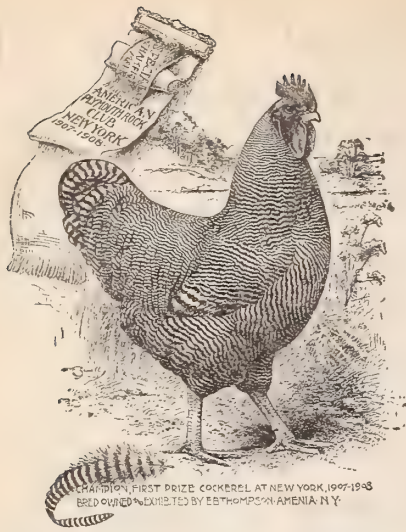
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First Cockerel at New York.

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We won: Chicago, December, '08, 1, 2, 4 cock; 1, 2 hen; 4, 5 cockerel; 2, 4, 5 pullet; 1st pen and 1st display. Detroit, January, '09, 1, 2, 3 cock; 1, 3, 4, 5 hen; 1 pullet and 1st pen. Toledo, January, '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet; 1st pen. Indianapolis, February, '09, 1, 3, 5 cock; 1, 2, 4 hen; 3 cockerel; 4, 5 pullet. Boston, February, '09, 4 cock. More prizes last winter than any two other Light Brahma breeders. Stock and eggs always for sale at reasonable prices. Young stock now ready for delivery. Send 6c in stamps today for our beautiful Light Brahma catalogue.

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VOL. 41

FEBRUARY, 1910

NO. 2

AMERICAN POULTRY JOURNAL



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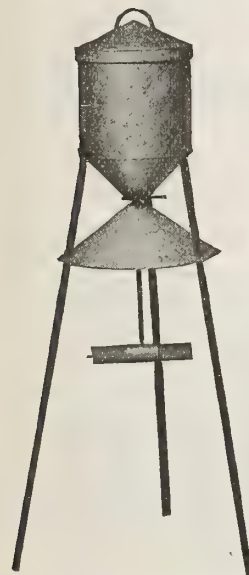
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At above prices we'll prepay freight in full to all points east of Colorado in the U.S., except Oklahoma and Texas. 15c per sq. additional for these two states. To all points west of Colorado in the U.S., 50c per sq. additional.

FREE SAMPLES!

Mail this Coupon to the Chicago House Wrecking Co., Chicago

I saw your advertisement in the Amer. Poul. Jnl.
Send me free of all cost

1. Roofing Samples 3. Your Furniture Catalog
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Kind of building

Size of roof

If ceiling or siding is wanted give all dimensions

About when you expect to order

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P. O. R. F. D.

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now!

The above proposition holds good for 30 days only. This does not mean you must order goods shipped at once. You can make a small deposit on the order and we will ship when you are ready to use it. Order must be placed within 30 days at above quotations. Prices in the metal business have never been so low. Order promptly.

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\$1,000,000 OUR CAPITAL STOCK AND SURPLUS is sufficient evidence of our responsibility. We want your inquiries on merchandise of any kind and character. Roofing coverings is but one department, although we sell more than any concern in the country, direct from mill to consumer. In addition, we are constantly buying complete stocks of new high-grade goods at **SHERIFFS', RECEIVERS' and MANUFACTURERS' SALES**. We carry in stock a full line of building material, including lumber, sash, doors, everything needed for a building of any kind—wire fencing—machinery—gasoline engines and traction outfits—furniture and household goods—plumbing material—heating apparatus—water works systems—hardware of every kind.

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Shultz Br. Leghorns

Acknowledged champions at St. Louis, Kansas City and Mo. State. Also specials for best cock, ckl., hen & pul. Rosemont Poultry Farm, Elmer V. Shultz, Webster Groves, Mo.

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Winners at Alaska-Yukon exposition, Illinois State Fair, Detroit and Indianapolis. Send for prices.

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Barred Rocks

The snappy, narrow barred fellows that always attract attention. Ten years a breeder, and winner of highest honors at the big Cleveland and Columbus shows. Stock for sale. Eggs, \$3 for 13; 26 for \$5.

L. E. Simmons, R. D. 1, Chicago, Huron Co., O.

S. C. R. I. REDS

CHICKS AND EGGS

from selected prize winners. Get
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S. C. W. Leghorns

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices. My birds score to 96½. Winners for years at Ohio State Show, Pittsburg, Cincinnati and West Virginia State Fair. Write :: ::

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"MINORCAS of Every Comb and Color," is the title of the very latest book on this breed. The author is Mr. Geo. H. Northup, known far and wide as one of the foremost breeders and judges in the country. This well written, well illustrated book, by one of the greatest authorities, will prove valuable and instructive to all lovers of Minorcas. Mailed, postage prepaid, on receipt of price, 50 cents. Send all orders to

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At Missouri State Show, December 6th to 11th, the largest show ever held in America, my Buffs, in competition with birds from all parts of the U. S., made the following unequalled record: First, third, fourth cockerel; first pullet; fourth cock and third pen. Southwest District cup (comprised of ten states) for best cock, hen, cockerel and pullet; silver cup, gold medal and diploma for best cockerel; silver cup for best pullet. Tied for \$100.00 silver cup for best cockerel in show; two club specials for best colored male and female. This, with my record of the past six years, makes my Buff Rocks the greatest winning strain in America. J. J. Bleakley, Life Member American Poultry Association, State Vice-President Buff Rock Club, R. 3, Box B, Abilene, Kansas

Barred Rocks, Toulouse Geese, Bronze Turkeys and Pekin Ducks

Won at great St. Louis Show, December, 1909, 1st on Barred Plymouth Rock cock, 5th on Pekin Drake; 1st and 3d on adult Toulouse Geese, 2d and 4th on adult Toulouse Ganders, 2d on young Toulouse Gander, 2d on young Toulouse Goose. Stock for sale. Booking egg orders now. Address

Gus A. Lengfelder : R. F. D. 9 : Mt. Vernon, Illinois



WHITE ORPINGTONS

Kellerstrass strain. They lay like slot machines. I won fourteen firsts, nine seconds, eight thirds, twelve specials, two diplomas, seven silver cups at Madison Square, Cleveland, Chicago, Nashville, Pittsburg and other large shows. Can furnish highest class show birds and breeders from these winners at reasonable prices. Eggs \$4.00 and \$8.00 per dozen.

Lawrence Jackson : : Haysville, Penna.

WHITE WYANDOTTES

OF QUALITY—At Princeton, Illinois, on six entries I won 1st cock, 1st and 3d hen, 3d cockerel, 3d and 4th pullet, 1st pen; at Kewanee, 1st and 3d cock, 1st and 3d hen, 1st pullet, 3d cockerel, 1st pen and special for best Wyandotte in show. 40 choice cockerels for sale at \$2 to \$5 each. Eggs from birds scoring 92½ to 95½ \$3 and \$5 per 15. Eggs from farm range flock as they run, \$5 per 100; selected \$1.50 per 15; \$2.50 per 30; guaranteed 75 per cent fertile. Satisfaction guaranteed.

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CHAS. R. THOMPSON & Co.

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LYNNFIELD CENTER, MASS.

RHODE ISLAND REDS : BARRED ROCKS : WHITE WYANDOTTES

Birds ready for the show room. Yearling breeders, cockerels and pullets. 200 egg strain. Eggs, \$1, \$2, \$5 per sitting; \$6, \$10, \$20 per 100. Catalogue free. Stamp for Red Standard. : : :

THREE FIRSTS AT CINCINNATI

IN THE STRONGEST CLASS OF

WHITE ROCKS

ever caged at this big show. An additional proof of the quality of our strain. Our 1st prize cockerel was the sensation of the show, and was pronounced by Judge Pierce to be a rarely typical male. He will head our pen No. 1 for 1910 breeding season. We will book a limited number of sittings from this pen.

If you want birds that are naturally white, with long backs, well-spread and low-carried tails, send us your order for eggs.

The fact that we also won 1st pullet and 1st hen shows that we have equal quality in both sexes. These birds are all in our 1910 pens, as well as the breeding stock that produced them. Our egg customers this season are bound to get top-notch quality.

Send for free mating list.

City of Cedars Poultry Yards

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Why I Can Sell the Best Incubator on Earth For Less Than \$10 and Pay the Freight



M. M. Johnson, Incubator Man.

I KNOW my competitors wonder how I do it—and I know many of my customers wonder that I can make such an elegant machine for the price I ask for it.

I'm going to tell the reason why right in this paper.

It is because I make and sell so many of them.

If I only made half the number of machines that I do, I'd have to have anywhere from twelve to fifteen dollars for them—because my overhead expense on half the number that I'm now making would be just as great as it is on double the amount.

Now, I make over 50,000 incubators a year—and I give my customers all the advantage of the saving I make on this big volume.

This is a good many thousand more Incubators and Brooders than any other manufacturer in the world

ever made in a year—so they **have** to charge the **long price** to even up on their big overhead expense.

I give the benefit to all my customers. I only want a small profit on each machine—because I can afford to be satisfied with that on account of the immense number of them I sell.

If I could make 100,000 machines instead of 50,000 a year, I'd make the price still lower.

I figure my profits at just 8%—some people call me "8% Johnson—The Old Trusty Incubator Man."

8% is all I want for my profit. Anybody making half as many Incubators as I do would have to have 16% profit—and in a good many cases considerably more.

Old Trusty Incubators are hatching chickens all over the civilized world—over 4,000 of them right here in my home country.

You see, my machine is just as popular right near home as it is anywhere else. Many other manufacturers can't say that.

First, the case is made of finest California redwood—dry as powder—then it's covered with expensive, high-grade asbestos board of first quality—heat-proof—and then, again, the case is covered with handsome, mottled sheet-metal—and there you are—the finest Incubator you ever heard of—good for a lifetime—absolutely safe under all conditions—the most perfectly insulated Incubator possible to make—runs steadily on half the oil—and so simple in operation that a child understands it at a glance. Now, wouldn't you like to try one of my 8%-profit incubators?

8% means less than 80 cents profit on each machine I sell. Making them in such enormous lots, I can make them much cheaper than anybody else—and my customers get the benefit.

Wouldn't You Like To Try An Old Trusty For 30, 60 or 90 Days At My Risk?

I haven't any inside rate with the railroad or express companies—but I pay the freight on every machine I sell just the same—so that doesn't need to worry you.

When I quote you my less-than-\$10.00 price, you know exactly how much my machine is going to cost you right at your own railroad station.

If, after you've used it for a month—or two months—or three months **you don't like it**—you can send it back—I'll pay the return charges and the test won't cost you a penny.

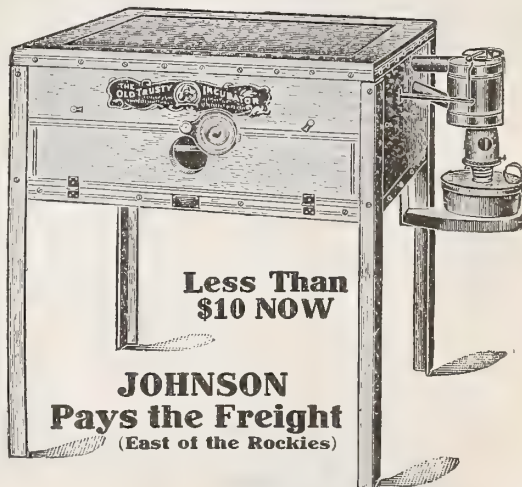
While my **price** is low, my quality is always high. You couldn't get a better incubator than Old Trusty if you paid \$30.00 for it. Sometimes people think that my price is so low that my machine can't be any good—but when I send it to them **on trial**, they always **keep it** and write back to me that they wonder how I can give such a value for the money. Just remember this—

I'm not a "new beginner." I've made more Incubators and Brooders than any three men in the world. I've sold them **all** on this Free Trial Plan—and I'm going to keep on making and selling more Brooders and Incubators than anybody else because my trade is increasing every day.

Want **you** let me send you my book? It's written in just the plain language of the man who makes and sells the machines, without any fine or fancy writing—but it tells just the things you want to know about Incubators and Brooders and about how to make money with the Old Trusty. Thousands and thousands of people all over the country are making big money in the chicken business because the Old Trusty Incubator is certain and sure.

Write for my Big Book today—and find out all about me and my Incubators and my 150,000 satisfied customers and friends before you order. Write me a postal today and I'll write you personally and tell you my price to you and send you the Big Poultry Book Free.

M. M. JOHNSON, Incubator Man
CLAY CENTER, NEBRASKA



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Our new catalog now ready; latest and best designs; all varieties. send for it today. Also poultry postcards; sample of your variety for stamp. **Chas. L. Stiles, Columbus, O.**

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Garden show; also second hen. On two entries at Philadelphia last year, two firsts and special. Stock and eggs for sale. Both cockerel and pullet lines. Write for prices and particulars if you want the best.

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"WINTER EGGS 45c—WHEW! Why not preserve eggs when cheap this Spring? Write Willett's Water Glass Egg Preserver Co., Box 56, Anderson, Indiana, for prices and particulars of best method.

THE IMPROVED CHAMPION LEG BAND



Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Initials, 10c per hundred extra. Also Pigeon Bands.



THE SUPERIOR is securely locked; can't lose off; six sizes. State breed and sex. Price postpaid, either kind, No. 10, 12, 15c; 25, 20c; 50, 35c; 100, 60c. One sample for stamp. Circular free. **T. CADWALLADER, Box 952, SALEM, OHIO**

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Shipped safely anywhere. Eggs \$4 per 100. Fine poultry catalogue free.



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Roup Cured

A Remarkable Cure

Dix, Ill., Dec. 1, '09.
I recommend Kemiform as the best remedy for roup I have ever tried. Had hens with head and eyes swelled shut and only two applications cured them sound and well. Shall keep it always on hand. (signed) W. I. Pfau.

The above statement is one of the many we are receiving. Isn't that the remedy you want? No need of waiting a month for recovery with

KEMIFORM

It is truly the remedy of many uses because of its safe and speedy action in curing or preventing such fatal diseases as Cholera, Chicken Pox, Limberneck, Liver Troubles, etc. A Southern lady writes that Kemiform

Saved 200 Chicks

from deathly diarrhoea, and it has done the same for others. A Kemiform tablet dissolved in the fowls' drink occasionally will put the whole flock in a healthy, profitable condition. One box of tablets makes 25 gallons of sparkling Kemiform liquid, which fowls like. Results Guaranteed. Price 40c and 15 leg bands free. Sample for stamp and name of your dealer. Address

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White Orpingtons

Winners at Philadelphia, Hagerstown, Md., Allentown, Nazareth, Penna. 1909. Exhibition and utility stock for sale.

Mrs. J. W. Holton : Catasauqua, Penna.

Eggs For Hatching Now Ready For Shipment from Charles G. Pape's

Single Comb Black Minorcas

Guaranteed to hatch regardless of shipping distance. For the third consecutive year my birds were awarded **highest honors** at the Chicago 1909 show, in competition with forty-four birds in the open class and four pens. Having mated my breeding pens I have to spare some choice trios and pens, and all sexes of utility and show birds. The greatest layers of large white eggs in America. If you can spend three minutes daily in recreation and want to add weight to your surplus cash, write for information relative to **special pen offer** to beginners. All transactions guaranteed satisfactory.

Charles G. Pape, 1617 North Cass Street, Fort Wayne, Indiana
Member American Poultry Association—Vice-President American Black Minorca Club for Indiana

A Treatise on Food and Egg Production

A valuable book for anyone who is raising fowls for egg production. It gives in a very plain and concise form the composition of the different foods.

It tells how and what to feed to produce eggs in winter.

The author, has sent this book on approval and has always received the money for same at once, which is proof that the book is valuable.

By special arrangement with the publisher we are offering this book and one year's subscription to American Poultry Journal for only \$1.00. Send all orders to

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Twelve Months' Work in the Poultry Yard

By W. Theo. Wittman, Acknowledged by All to be One of America's Foremost Authorities and Judges

Starts you in January, and take you clear through the year—telling you just what to do to successfully handle your fowls in the safest and most economical way that is consistent with good business methods, to make the largest success possible with your fowls.

It doesn't tell you how to make two hundred dollars from twenty hens

but it gives you a short, boiled down, and up-to-date treatise on lines that are practical and can be executed with safety. The contents of this book are intensely practicable, and teach a method of poultry keeping exactly opposite to that which is complicated and unnecessary. **Price 25 cents.**

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The largest Eastern poultry Journal, published at Sellersville, Pa., 68 to 140 pages monthly. Special breed numbers starts in September and continue until May, 1910. Tells you how to secure larger and more profitable returns from your chickens. Extremely helpful and valuable. Get a-going right in the poultry business. Many are making \$2.00 per hen each year. Are you? The Poultry Item will keep you posted on latest methods and poultry secrets. The Item stops when time is up. **Price 50 cents the year.** Order it now at the following special terms.

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Standard Line Bred Single Comb

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EXCLUSIVELY
THEY LAY WHILE OTHER BREEDS SLEEP

Recent Chicago Winnings

December 7th to 12th, 1909, the largest entry and competition the strongest ever shown at Chicago.

1st, 2d and 3d hens; 1st, 2d and 3d pullets; 1st, 2d and 3d cocks; 2d, 3d, 4th and 5th cockerels; and 1st pen.

Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and first on pen; also cup for best display. Exhibition birds of the highest quality now ready, My stock in customers' hands won firsts in most all of the leading shows last winter, and will do it again. Do you want the winners in your show? If so, get in touch with me and state your wants. Inclose 10c in stamps or coin for the finest White Leghorn catalog ever published. Stock, eggs and day-old chicks. Please mention American Poultry Journal when writing.

The Largest S. C. White Leghorn Farm in the Middle West

The Parkside Poultry Farm, N. P. Easling, Prop., Box 40, Pekin, Ill.

IF YOU WANT BREEDING STOCK



Cockerel heading 1st pen at the great Missouri State Show, St. Louis, Dec. 1909, and 1st cockerel at Ill. State Fair 1909. Bred, owned and exhibited by J. A. Bickerdike, Millersville, Ill

to improve your flock of fowls or to start you with a strain of money makers, don't forget to write us before you buy. There never was a more opportune time to embark in the poultry business. We never were in a better position to supply you with

Bickerdike's Pedigreed White Rocks

than we now are. The results of your efforts this year depend largely on what you put into your breeding yards. If you do not know what is back of your breeding stock the year's work may prove a disappointment to you. You want birds that will

Reproduce Themselves

and you want to know the individual breeding back of each bird. Our WHITE ROCKS are pedigreed with the aid of the trap nest and we know of a certainty the sire and dam of each bird we produce. WRITTEN PEDIGREE goes with every bird we sell, giving you the individual blood lines back of each bird.

Start the season of 1910 right by securing the BICKERDIKE PEDIGREED WHITE ROCKS for your breeding yards. We have a grand bunch of breeding stock for sale that meet the requirements of the new Standard. We guarantee satisfaction and a square deal. Remember, our White Rocks are bred for eggs, with records up to 240 per year,

and Always Win the Lion's Share of Ribbons

wherever shown. Ask for our free illustrated circular giving further information about the BICKERDIKE PEDIGREED WHITE ROCKS. Address

J. A. Bickerdike Box A Millersville, Illinois

FREE! ORIGIN AND HISTORY of All BREEDS OF POULTRY

THE greatest book on poultry ever published, contains sixty-five pages of reading matter, size 9x12 inches, also contains illustrations of 198 different fowls in their natural colors, painted from life. Regular price \$1.00. It has taken years to complete the drawings for this book. It is something never before attempted by any publication, not even the Standard of Perfection contains pictures of fowls in colors.

This book is being sold for \$1.00 every day, but we want every poultryman to have one, as it is the grandest piece of work ever accomplished in poultry literature and is a living ad for its publishers—American Poultry Journal Publishing Co. To accomplish our object and get a copy of this book into the hands of every poultry fancier, we will give one copy FREE for the first six subscriptions to American Poultry Journal you send us at one-half our regular subscription price.

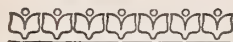
Send us six subscriptions to American Poultry Journal together with \$1.50 and we will send you, postpaid, a copy of the Origin and History of All Breeds of Poultry.

BUT THIS IS NOT ALL

You can take subscriptions at any price from 25 to 50 cents and keep everything above 25 cents as your commission. For the first six subscriptions you send us you will receive a copy of the Origin and History of All Breeds of Poultry as per offer above and these subscriptions will count on the grand prizes listed below as well as any other subscriptions you send us.

Do not fail to read this list carefully as the prizes are well worth your time and trouble and will many times repay your efforts to secure the subscriptions for us.

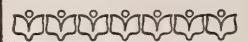
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First Prize

**\$600
WING PIANO**

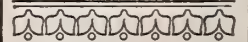
The best piano manufactured by the well-known piano manufacturers, Wing & Son, New York City, N. Y., will be given the agent sending us the largest number of subscriptions before June 10, 1910. : : : : :



Second Prize

**\$100
CASH**

Will be given the agent sending us the second largest number of subscriptions before June 10, 1910. : : : : :



\$200.00 will be distributed among the eight next highest agents as follows:

3d Prize, \$50	Pen of Fowls, your choice, or Incubator or Brooder, any make you desire
4th Prize, \$35	" " " "
5th Prize, \$30	" " " "
6th Prize, \$20	Trio of Fowls, your choice, or Incubator or Brooder, any make you desire
7th Prize, \$20	" " " "
8th Prize, \$15	" " " "
9th Prize, \$15	" " " "
10th Prize, \$15	" " " "

In making your selection of Fowls, Incubators or Brooders, they must be selected from Advertisers in American Poultry Journal

Special Instructions to Agents

1. Renewals count the same as new subscriptions. 2. Cash must accompany all subscriptions; this will avoid any misunderstanding. 3. Keep a duplicate list of all subscribers sent us in case any question arises when the contest closes. 4. In case of a tie the value of the prize will be divided. 5. The subscription contest closes June 10th, 1910. All letters postmarked that day will be counted, thus giving those at a distance an equal chance with those near. 6. A list of the winners will be given in the July issue, 1910. 7. All agents may work where they please; this is fair to all. Send for more coupons or any supplies you need. 8. The coupons are made with receipts at the side to be torn off and given to subscribers. This assures the subscriber that you are our authorized agent. 9. No subscription can be sold for less than 25 cents. 10. You must send at least two subscriptions to entitle you to agents' commission or prizes. 11. All subscriptions must be taken on the merits of the publication. 12. Notice—Sell our book, "Origin and History of All Breeds of Poultry," at \$1.00 and keep 25 cents as your commission, this will count as four subscriptions on the contest. Also, take three years' subscriptions to American Poultry Journal at \$1.00 and keep 25 cents as your commission, this also will count as four subscriptions on the contest. : : : : :

TODAY IS THE TIME TO START if you wish to secure one of our new books FREE. Remember, too, that if you get an early start you have the advantage of always being in the lead, and this is better than to be always trying to catch up with the other fellow.

We will furnish you with a sheet of special bargain coupons which you can use if you desire. These coupons have been successfully used on former contests and whereas you only receive 10 cents as your commission when using same, you will find that you can get many more subscribers. In fact, we have agents who give all of their commission to the subscriber and in this manner get many more subscriptions. Send for as many sample copies as you can use to advantage and they will be sent you free of charge.

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

NOTICE: SEE OTHER PAGE FOR SPECIAL OFFER THIS MONTH

Special Offer for Month of February, 1910

WE will give the following prizes to the agents sending us the largest number of subscriptions during the month of February, 1910. If you want a first class incubator, brooder or a choice trio of fowls without cost, this is your opportunity. **START TODAY!**

1st Prize---A \$20.00 incubator or brooder, any make you desire, will be given the agent who sends us the largest number of subscriptions to American Poultry Journal during the month of February, 1910.

2d Prize---A \$15.00 trio of fowls, any variety, selected from the yards of an advertiser in American Poultry Journal, will be given the agent who sends us the second largest list of subscriptions during the month of February, 1910.

3d Prize---A \$10.00 incubator or brooder, any make you desire, will be given the agent sending us the third largest number of subscription during the month of February, 1910.

These prizes are given in addition to the grand prizes on opposite page of this issue and all subscriptions sent us during this month will count on both the special February prizes and the grand prizes, therefore you can win both an incubator or brooder and a grand prize if you start to work right now.

Do not delay to take advantage of this opportunity to kill two birds with one stone. Remember, you send 25 cents to us for each subscription and keep the balance of the money as your commission. You receive our grand book, "Origin and History of All Breeds of Poultry," for the first six subscriptions you send us besides your commission and the chance to win one of the February special and grand prizes, also you receive four counts for every 3-year subscription and every Origin and History of All Breeds of Poultry which you sell.

Send for samples and coupons today, they will be sent to you at once free of charge. Start today as you are getting in on the ground floor.

Send all subscriptions to

American Poultry Journal Publishing Company
358 Dearborn Street : : Chicago, Illinois
SEE OTHER PAGE FOR LIST OF GRAND PRIZES

Canada's Best Buff Leghorns

Won 79 regular prizes at New York, Chicago, the Ontario in the last five years. Illustrated catalogue free. Nate K. Cornwall, Thamesville, Ont., Can.

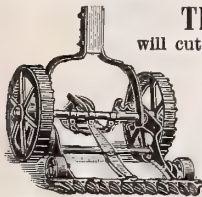
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Fine young stock, bred from winners at Guelph, Indianapolis, St. Paul, etc. Send for circular.

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Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars. The Elwood M. Pusey Co., East Liverpool, O.

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will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co., Dixon, Ill.

Wonderful Reports

I am receiving wonderful reports from the New Type Incubators and Brooders which I have placed on the market. It will pay you to write for the special prices we are making new customers at the present time. Remember the machines are fully guaranteed.

NEW TYPE INCUBATOR WORKS
Box 126 : East Columbus, Ohio

BRED TO LAY

Bred to Pay--Bred for Exhibition
S. C. R. I. Reds
S. C. W. Leghorns

A few choice Red cockerels \$3.00 to \$8.00. Day-old chicks, Leghorns, 12c; Reds, 15c each. Eggs for hatching. Write for catalogue. :: :: :: :: ::

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Winners wherever shown. Special cup East Liverpool, Ohio, 1910, for best display. No birds in pens scoring less than 91. Eggs from special matings, \$5.00 per fifteen. From choice select matings, the kind that hatch the winners, \$3.00 per fifteen. Satisfaction guaranteed absolutely. A few grand breeding cockerels that will score 92 for sale.

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RHODE ISLAND REDS

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**PEARL GRIT THE EGG MAKER**

Open the Gizzard of any egg-producing fowl and you find small stones, bits of shell or even glass and other hard substances. Why? Nature demands it. Following Nature's demands, the owner of profit-producing poultry "feeds" that which is demanded—and he gets healthy fowls and top-notch production of eggs. The proposition is just the same whether you have six hens or 600 hens.

Pearl Grit, the "True Grit." Shell-making was originally supposed to require shell grit. This, scientific research says, is true as far as it goes, but it also says that feathers are known to contain a considerable proportion of glass, that lime enters the shell construction, and that a fowl needs grit to produce and retain perfect health and greatest production. PEARL GRIT is constructed to give just what is BEST adapted for a fowl's system. Chemical analysis shows that it contains 60% calcium carbonate (lime), 14% magnesium, besides iron, silicon, aluminum, oxides and other shell-building, muscle-making, egg-forming and feather-growing materials. PEARL GRIT is susceptible to the necessary assimilation, is clean, white, nutritious, giving strength and vigor. Poultry that has access to PEARL GRIT needs no further grit of any kind to meet Nature's requirements.

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Gentlemen:—For two years I have used Pearl Grit with the best possible results. I take pleasure in recommending this grit to poultry raisers as one of the best products on the market to-day. I know from experience, it will do just as you advertise.

Piqua Egg Farm,
F. B. Magill, Prop.,
Piqua, Ohio

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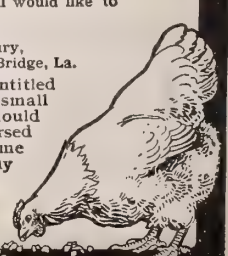
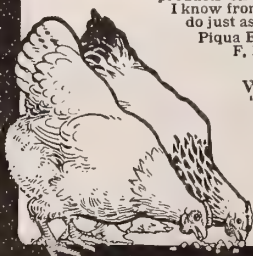
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Piqua, Ohio.

Dear Sirs:—Please give me price on your Pearl Grit, prepaid to Breaut Bridge, La. It was recommended to me by one of your customers, Mr. J. E. Daily of Sunset, Va. I would like to try it.

Yours truly,
Joseph Maury,
Breaut Bridge, La.

Write Us To-day for our FREE Booklet entitled "TRUE GRIT." It tells a lot of things the small owner or the professional poultryman should know. It tells why PEARL GRIT is endorsed and purchased year after year by the same people—and tells why YOU should buy it for your own flock. Write now.

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NATURALLY

You want healthy, sturdy stock; you want quick growers; you want good layers; you want birds that will be a credit to your place; you want your order to receive the personal attention of the management; you want to buy where you get the greatest value for your money. Then send to

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Messrs. S. B. & E. W. Twining Offer

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Single Comb White Leghorns

Barred Plymouth Rocks

Cornish Indian Games

Pure White Wyandottes

These have been bred for size, quick growth and egg production, the things that are essential to success in poultry raising. We have had thirty years of experience in this business and are prepared to supply you with the best that our knowledge and experience can produce, and at live and let live prices. Now is the time to place your order for eggs for hatching. Our booklet is sent free for the asking. Address

S. B. & E. W. TWINING
AFTON FARM, YARDLEY, PENNSYLVANIA

Owen Farms Owen Farms

Story of the N. Y. and Boston Shows, 1910

We indicated to you in our last month's advertising that something would be doing at New York and Boston, but even with our intimate knowledge of the birds we had, their quality and fitness for showing at these two large shows, we hardly anticipated that when the actual battle had taken place we would be able to count one hundred and fifty-one birds placed under the ribbons at these two shows, especially when you consider that there were only nine birds in Boston that were shown in New York. This, too, in spite of the fact that the four varieties in which we were exhibiting were quite the largest classes of the whole show, where the competition was as keen as ever before in the history of these two mammoth exhibits.

Pens

Mr. Delano and the writer like to win the pen at New York and Boston. One of our very good friends and competitors asked me in Boston: "How is it, Mr. Owen, that you always manage to win pen?" I answered: "Because we feel that the pen points count double (and in many cases the show actually arranges it that they should), and consequently we are not unwilling to take the best cockerel from the line, or the best cock, as the case may be, and add it right to our pen, if by doing it we think we can carry off the pen honor."

Our record this year is nothing short of marvelous and will make anyone stop and think. At the New York show we won in every class entered. First pen in Buff Orpingtons, first pen in White Wyandottes, first pen in White Rocks, and the most coveted perhaps, and that having the strongest competition, the first pen in Barred Rocks. Then, to cap the climax, we added the first pen in pullet mating Barred Rocks. At Boston our record was nearly the same. The only variety in which we failed was Barred Rocks, and there we took second. We won first Buff Orpington pen. We showed a White Orpington pen here and won it easily, and we also showed a Black Orpington pen here and won it easily. Our First White Rock pen was fairly considered the feature of the show, while our first White Wyandotte pen attracted the usual amount of attention.

Every breeder knows what extraordinary care it takes to mate a pen for exhibition where they are to be judged bird by bird and any defect in any one bird practically throws the pen out, and I doubt if we shall ever see a winning more satisfactory to ourselves or more sweeping.

White Rocks

The royal battle waged in White Rocks at Madison Square Garden was this year perhaps more interesting than ever before. Last year, if you remember, we took the collection with 28 points, against 27 points of our nearest competitor, and the fierce competition was between the pens displayed there. Our pen at that time was thought to be the best ever produced, and it was a question whether it would be exceeded in quality for some years to come. This year the competition was even stronger, and we are pleased to say that again we took this premier honor. The male bird heading the first pen received the special for champion male and also the special for best shaped male, and altogether it was generally admitted that it was a pen better than our first of last year. All along the line we took our usual share of the honors and came out with 37 points, as against our 28 points of the year before. Here, again, the number of winners that we have sold throughout the United States this fall has been most remarkable. We have been represented by winners in nearly every show of prominence and I dare to say that we have sold more good birds, three times over, that have done what our customers expected and required than any other dealer.

If we know what you want in White Rocks we can furnish the quality you wish. Please mark this: We do not attempt to do it at a price that will allow you to be disap-

pointed. We ask a fair price to accomplish what you wish and we rarely, if ever, fail in securing what our customers desire. Our records show that we are the leading White Rock breeders in the United States and we shall be glad to send you these records in our catalogue.

White Wyandottes

Whenever I start to write anything about White Wyandottes there is a broad smile that always comes over my face. Why is it? Because I enjoy saying everything I can about this fascinating variety. From the time the White Wyandotte is four weeks old to the time he is ready to go into the show room he is a picture of grace, style and everything that goes to make a pleasing chicken. The true curves of a Wyandotte, with full breast, with tail carried just at the right height and the length of back that is ideal, coupled with the perfect head, stops me every time wherever I am.

If we are at the very top of White Wyandotte breeders, as I think we are, and our records prove, is it any wonder that we take much satisfaction therefrom? Study our winnings carefully at Chicago and at Boston and at New York and see if you can come to any other conclusion. The first pen at New York two years in succession with the hottest competition ever known, and each year the pen being pronounced the best ever exhibited. This year at Boston we won 55 points in the collection, the largest number ever secured by any one breeder in the best show ever held there, and the competition was hot and no mistake. Canada was there in full force with large strings, in addition to our United States breeders.

I can give you more for your money in White Wyandottes, and I will, than any other breeder in the world. Our plan for furnishing eggs for hatching this year, which you will find further on, should mean more to the White Wyandotte breeders of this country than can be taken in at the first glance. We have mated the grandest pens we ever put together and we are going to give in type, head points and in color help and advancement to everyone to whom we furnish eggs this year that is most significant and, better than all else, we are going to give you this great advancement at a very minimum price considering the quality that we can furnish. Our White Wyandotte eggs will be eagerly sought, as they have been in previous years, and I strongly urge upon you the necessity for early ordering.

Barred Rocks

When anyone dares to come out a month before the show in his advertising and predict he is going to do something in Barred Rocks at Madison Square Garden it shows considerable confidence. This we did, and we feel that we have made our prediction come true. We had twenty-one birds under winning ribbons at the New York show, ten of them under the first ribbons. They won fourth, sixth and eighth hen, third cock, fifth cockerel and eighth pullet; and in addition to this the first exhibition pen, which is, as we have said before, of far more consequence than any other first; and the first pullet breeding pen. All of the birds in the first pen, both exhibition and pullet breeding, were of our own breeding and rearing and we only had one bird at New York that was not raised by us. At Boston we won, as you will notice, with eight birds under the ribbons, winning second cockerel, fourth and fifth pullet and second pen. There is no question but that this settles beyond peradventure the fact that we shall maintain the high standing and success that Gardner & Dunning always attained, and if we do not go far in advance of what has been accomplished in Barred Rocks heretofore by them we shall be disappointed.

These are the points. We have birds of exactly the right kind of barring, of the best shape and type of any leading farm in Barred Rocks, both in the male and female line. We have strength and vigor and size that is lacking in so many strains of Barred Rocks, and if I say to you that I can give you help and success in this line, I know whereof I speak.

Be sure and let us know whether you are wanting the male line or the female line. We have a grand lot of cock-

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Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr.

Box A, Vineyard Haven, Mass.

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erels in each which we can supply as breeders that will please our customers, and at the right price. We also have some fine yearling hens, together with pullets, in both male and female lines, that would give you splendid results.

Our eggs for hatching are ready, and we advise early ordering, as in our other varieties.

Buff Orpingtons

When I say that our trade in Buff Orpingtons this last season has been three times as large as we have ever had and has grown to a mammoth business, I am not overstating it. The reason is not far to seek. The blood lines of our Buffs, coming as they did straight from Mrs. Wilkinson's flock (of Scotforth, Lancaster, England), unquestionably the best flock in England, had at the time we secured it years of breeding that had established remarkable surface color and undercolor (particularly in hackle), a vast majority of clear buff tails both in male and female, and freedom from white and black. Everyone who breeds buff varieties of any kind realizes fully what this means. You cannot breed good buff without generation after generation of birds who possess these qualities.

We have unquestionably sold the winners of more shows of prominence throughout the United States this fall than all other dealers in Buffs combined, and there is scarcely a flock of successful Buffs in this country that does not give us the credit of their success in the foundation blood which they have introduced from Owen Farms. The first cock at New York, Madison Square, this year was bred from Owen Farms eggs sold two years ago to H. H. Kingston, Rochester, N. Y. Last year he was shown as a cockerel and won fifth, and I personally had him out of the coop twenty-five or thirty times showing him to people as being the best surface colored and undercolored bird, together with fine shape, that I had ever seen in a Buff. He developed into a grand cock, weighing over eleven pounds, and was pronounced by everybody as the best ever seen. He won champion honors in every particular, and also had the distinction of being the sire of the second pullet, which was as grand in color and type as her sire.

Our first pen at New York and our first pen at Boston were both pronounced nothing short of marvelous for evenness of color and perfection of true Orpington type. All along the line our Buffs showed the same sterling quality that has made them so famous. The pens we are mating up this year contain the best birds that we have ever owned and are as sure to produce exceptional and grand birds as have ever appeared in the show room in this variety, and if you will take due notice of our plan for furnishing eggs for hatching in another portion of this advertisement you will see that we are bound to give you the opportunity of success which we strive to attain for ourselves.

White Orpingtons

Everyone who is interested in Orpingtons and who reads the account of the New York show in the poultry papers will notice our winnings in this variety. When I returned from England seven years ago I brought with me the best flock of White Orpingtons that could be secured there, and have bred them for many years. The White Orpington, therefore, is not a new variety to Owen Farms. I am frank to say that in the beginning the Buffs were so much more popular than the Whites that we devoted ourselves almost exclusively to the Buffs, but, thanks to our friend Mr. Kellerstrass, the situation has changed materially. At the New York show there were ninety-six Buffs in the single classes, ninety-four Whites and seventy-seven Blacks. This is to a fairly large extent true in the large shows in this country at the present time, and that the White Orpington is bound to take a pronounced position we thoroughly believe. In addition to this the improvement in the past seven years in the White Orpington has been very wonderful and the type has become good, almost equal to the best. The size is up to what everyone wants in the Orpington, and the color is so much better that it is not too much to say that in a few years the White Orpington is likely to contest the

question of color with our standard American birds in whites.

Not a single person who saw our White Orpingtons at Boston or New York, where the competition was very hot, would gainsay the fact that Owen Farms' display was the whitest and of as fine type as has ever been shown in this country, winning as we did at New York first cock, second cock, first hen, second hen, first and fifth cockerel, and at Boston first cock, first and third hen, first and second cockerel, first, second, fourth and fifth pullet, and first pen. Not a bird was shown at Boston that was at New York.

We demonstrated fully that Owen Farms is to contest the leadership in this most important variety of the Orpington. Our numbers are not large compared with our other varieties, so that the orders for White Orpingtons, both for stock and eggs for hatching, should be placed very promptly.

Black Orpingtons

For some time past Owen Farms has not placed very much weight upon its advertising of the Black Orpington, although it has from the beginning bred and maintained here a flock of the most remarkable quality. Our catalogue tells of our winnings up to the time that we almost discontinued showing in New York. Facts and figures, however, have shown us that the popularity of the Blacks has increased from year to year, especially during the last year very rapidly, and our business has quadrupled. We have, therefore, this year prepared for a very much increased trade.

In Boston, as you will notice, we won first, second and third cockerel, with three entries; first second, fourth, fifth and sixth pullet, with five entries, and first Black Orpington pen.

We have extraordinary quality and that we will be headquarters for Blacks, as we are for Buffs and Whites, you may be assured. We dare say that no flock of Blacks in this country will compare with ours in two particulars, namely, large size, birds low down, with enormous depth from hock to top of back; and, second, the color of the plumage. The green color free from purple, so much sought, is what we have and what we can give you, and I have no hesitation in saying to everyone interested in Blacks that both in stocks and in eggs for hatching we can and will do you more good than anyone else is able to do this coming year.

Our Black Orpington cockerel at Boston took the special for best Orpington male in the show.

Breeding Stock

We carried a string to Boston in practically all of our varieties that was better even than the string which we carried to New York. Three weeks at this time of the year makes a marvelous difference in the way birds are matured. We have now, and shall have through the whole spring, exceptional breeding birds, both in male and female, in each and all of our varieties. Now is the time to write about them and secure what you wish. The earlier you do it the larger our flock and the better selection you would naturally get the advantage of. Don't forget that you save a lot of time if you indicate to us fully what you want, and particularly if you ask us to describe exactly what we can do for you for a fixed price. Business results at once and we guarantee satisfaction, allowing you to return without expressing any reason if they are not satisfactory, and we pay return charges on all stock in every instance.

Eggs For Hatching

This is the important matter before all of us from this time until the whole hatching season is over. Owen Farms has taken a departure this year and we feel that it should be explained fully, so that everyone who runs may read and thoroughly understand what we are doing and why we are doing it.

In the first place, the writer has a large interest in the success of the poultry business in the United States, an uncommon desire to see it grow and prosper. Each one

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Maurice F. Delano, Mgr. **Box A, Vineyard Haven, Mass.**

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who writes Owen Farms, either for information, advice, price on stock or eggs, becomes to a certain extent an acquaintance of both Mr. Owen, the proprietor, and Mr. Delano, the manager, and we feel a personal interest in them. I have carefully gone over our business of the last few years and I have come to the following conclusion, that nineteen people out of twenty cannot afford to pay \$20 a sitting for the best eggs that Owen Farms can produce. Having \$20 pens, which we would allow the customers who could afford this price to entirely monopolize to the entire exclusion of the other nineteen out of the twenty, seemed to us not to reflect and express that intimate, close interest which we have in each and every enthusiastic fancier.

No One Excluded From the Possibility of Growing the Best Birds of the Year

We therefore decided that we would list our pens just as we always have, describing the matings carefully and mating only our very best birds, limiting our matings considerably, and that we would have one uniform price, giving everybody a square deal and taking eggs from the pens in such a manner that everyone who bought eggs of us should have the undoubted possibility and probability of raising some of the finest chicks of the year. To the man who could pay \$20 for a sitting this method does not work to his disadvantage as he might at first suppose. If, for instance, he was buying two sittings at \$20 a sitting he would pay us \$40 and get thirty eggs, according to our methods of last year. This year he may purchase of us for \$50 one hundred eggs, and among that hundred eggs he would receive probably as many as thirty eggs from the matings that we have heretofore listed at \$20 per sitting. He gets, therefore, in addition to what he would have received last year, great possibilities in the balance of the eggs, for I can assure each and every customer that we will not have a single mating that will not produce birds of remarkable quality.

We do not pose as philanthropists in this matter, but so long as the writer, Mr. Owen, lives and continues in the poultry business the fair interest of our customers shall be our first consideration.

To state it clearly just what you can do with Owen Farms this year in eggs for hatching, I would say that you may receive from any of our varieties 10 eggs for \$7.50, 11 eggs for \$8.25, 12 eggs for \$9, 13 eggs for \$9.75, 14 eggs for \$10.50, 15 eggs for \$11.25; 50 eggs for 60 cents each, or \$30; 100 eggs for 50 cents each, or \$50.

Every egg will be marked with the number of the pen and the variety from which it is taken, and by comparing it carefully with our mating list you will see just what you are getting, and that we shall give the same satisfaction in results that we have heretofore we are positive, for already we are hatching from our eggs with great satisfaction as to fertility and hatch.

We guarantee three eggs out of four to be fertile, and where the number is an odd number and cannot be divided by four we shall give our customers the benefit of the extra egg.

We advise early booking of orders, for this allows shipment to be made at the time you wish them, and in some of our varieties particularly the number of the pens to be

mated is somewhat limited, and you are likely to be disappointed if you put off your orders too long.

We shall continue to pack them with the extreme care that we have used heretofore and can assure our customers that they can order eggs fearlessly from any point in this country or Canada, as our reports have been extremely favorable from eggs shipped to the extreme North and South and to the extreme West.

Express Charges on All Original Orders for Eggs for Hatching Prepaid to Points in the U. S. or Canada

This is not the first time that Owen Farms has proposed something which is an innovation. Among other things they were the first to introduce to the poultry world stock guaranteed to win at any show in America.

In adopting this very broad proposition for the benefit of their customers they are acting with care and a knowledge of just what it means, both to themselves and to their customers, and they have no hesitation in doing it. As almost everyone well knows, express rates can be made better if made at the point of shipment, and particularly when paid in advance. We know how much the express will cost us; you do not know how much the express will cost you. We believe that this step that we are taking is the greatest step that was ever taken in the poultry world for the protection and benefit of the customers of any one particular farm.

Our Mating List

We are preparing and shall be able to send to everyone our mating list for 1910 about February 1, or at the time that this advertisement appears. Our matings are as carefully described as in years gone by and that you ought to receive one whether you purchase eggs of us or not, I confidently believe. A postal card asking for it and naming the variety you are interested in will bring it with the least possible delay.

Advertising

Some of our competitors are urging against Owen Farms that they are spending too much money in advertising, or, if not too much money, that they are spending a great deal, and that our customers have to pay the bills. Just a word on this.

A small dealer, we will say, does \$1,000 worth of business in a particular breed and he spends \$100 a year in advertising and you scarcely notice it, but he has spent 10 per cent of his receipts. A breeder of a little larger size does a business of \$2,000 and he spends \$200 a year in advertising and you notice it more particularly. He has not spent more than the first man in proportion to his business. Still another man does a business of \$20,000 and spends \$2,000 in advertising, and still another does \$40,000 worth of business and spends \$4,000 in advertising. Who has spent the most money as far as his customers are concerned? Is it not the same? Again, you will find a large number of breeders who are handling just one breed who are advertising whole pages. Has it occurred to you that Owen Farms is using

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two pages with four breeds, and these the most prominent of all in the United States, is, as a matter of fact, only using and spending for advertising one-half of what that other breeder is spending in advertising his single breed? Owen Farms is only using one-half a page for Orpingtons, one-half a page for Barred Rocks, one-half a page for White Rocks, and one-half a page for White Wyandottes when they are using two full pages. As a conclusion I say to you that no farm in this country will or does give more value to their customers for their money than Owen Farms. This is true today and always will be.

151 Birds

Under Ribbons Awarded Owen Farms at New York and Boston, 1910

We have thought it only fair to you and ourselves to give you a bird's-eye view of what Owen Farms has done in these two shows. If anything has ever happened before equal to it, it has not come under our notice, and when I say to you that among all of these birds there were only nine that were shown at the two shows, New York and Boston, it means a record still more remarkable.

Come to visit us if you can. We have much to show you and certainly a collection of birds that will make any enthusiastic fancier well repaid for his journey.

White Rocks, N. Y.

Second Cock	First Pen Hen
Sixth Cock	First Pen Hen
Sixth Hen	First Pen Hen
Second Cockerel	Fifth Pen Cockerel
Second Pullet	Fifth Pen Pullet
Third Pullet	Fifth Pen Pullet
Sixth Pullet	Fifth Pen Pullet
First Pen Cock	Fifth Pen Pullet
First Pen Hen	

White Rocks, Boston

First Cock	Sixth Cockerel
Second Cock	First Pen Cockerel
First Hen	First Pen Pullet
Second Hen	First Pen Pullet
Third Hen	First Pen Pullet
Second Cockerel	First Pen Pullet

White Wyandottes, N. Y.

Third Cock	First Pen Pullet
Third Hen	First Pen Pullet
Sixth Hen	Fourth Pen Cockerel
Fourth Cockerel	Fourth Pen Pullet
Second Pullet	Fourth Pen Pullet
First Pen Cockerel	Fourth Pen Pullet
First Pen Pullet	Fourth Pen Pullet

White Wyandottes, Boston

Second Cock	First Pen Hen
First Hen	First Pen Hen
Second Hen	First Pen Hen
Sixth Hen	Second Pen Cockerel
Third Cockerel	Second Pen Pullet
First Pullet	Second Pen Pullet
Fifth Pullet	Second Pen Pullet
First Pen Cock	Second Pen Pullet
First Pen Hen	

Barred Rocks, N. Y.

Third Cock	Eighth Pen Hen
Fourth Hen	Eighth Pen Hen
Sixth Hen	Eighth Pen Hen
Eighth Hen	First Pullet Breeding Pen
Fifth Cockerel	Cockerel
Eighth Pullet	First Pullet Breeding Pen
First Pen Cockerel	Hen
First Pen Pullet	First Pullet Breeding Pen
First Pen Pullet	Hen
First Pen Pullet	First Pullet Breeding Pen
First Pen Pullet	Hen
Eighth Pen Cock	First Pullet Breeding Pen
Eighth Pen Hen	Hen

Barred Rocks, Boston

Second Cockerel	Second Pen Hen
Fourth Pullet	Second Pen Hen
Fifth Pullet	Second Pen Hen
Second Pen Cock	Second Pen Hen

Buff Orpingtons, N. Y.

Second Cock	First Pen Pullet
Second Hen	First Pen Pullet
Third Cockerel	Fourth Pen Cock
Fifth Pullet	Fourth Pen Pullet
First Pen Cockerel	Fourth Pen Pullet
First Pen Pullet	Fourth Pen Pullet
First Pen Pullet	Fourth Pen Pullet

Buff Orpingtons, Boston

Second Cock	Fourth Pullet
First Hen	Sixth Pullet
Fourth Hen	First Pen Cockerel
First Cockerel	First Pen Pullet
Second Cockerel	First Pen Pullet
Second Pullet	First Pen Pullet
Third Pullet	First Pen Pullet

White Orpingtons, N. Y.

First Cock	Second Hen
Second Cock	First Cockerel
First Hen	Fifth Cockerel

White Orpingtons, Boston

First Cock	Fourth Pullet
First Hen	Fifth Pullet
Third Hen	First Pen Cockerel
First Cockerel	First Pen Pullet
Second Cockerel	First Pen Pullet
First Pullet	First Pen Pullet
Second Pullet	First Pen Pullet

Black Orpingtons, Boston

First Cockerel	Sixth Pullet
Second Cockerel	First Pen Cockerel
Third Cockerel	First Pen Pullet
First Pullet	First Pen Pullet
Second Pullet	First Pen Pullet
Third Pullet	First Pen Pullet
Fourth Pullet	

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CANARIES

of every variety mentionable for breeding, song and exhibition, imported and guaranteed singers, safe arrival any distance, cheapest and best in the world. Write for Parrot, Canary and Gold Fish List. **U. S. BIRD STORE, Burlington, Iowa.**

This is D. D. Beechy's Space

MY RED BIRDS ALL SOLD

MAPLE GLEN POULTRY YARDS : SUGARCREEK, OHIO

S. C. BLACK AND WHITE MINORCAS

Eggs and stock for sale in season.
A square deal with all. Member
of American Black Minorca Club.

G. B. Smith & Son, Box 454, North Baltimore, O.

Indian Runner Ducks

S. C. WHITE LEGHORNS

Send for free mating list. Orders booked now for duck eggs, \$2.00 per 13. Choice cockerels for sale and a few hens and pullets.

HARMON BRADSHAW
Box A : Lebanon, Indiana

Knisley's Silver Cup Winners—Single Comb Buff and Black

ORPINGTONS

Winners of Jamestown, Hagerstown, Washington, Philadelphia, Allentown, York and Dallas-town. Stock for sale at all times. Eggs for hatching in season. \$5 and \$10 per fifteen eggs. Satisfaction guaranteed.

PINE ROSE POULTRY YARDS
R. J. Knisley, Proprietor York, Pennsylvania

Kaye's Single Comb Black

MINORCAS

We have for sale now some
choice cockerels and trios.

A. B. Kaye, Kaye's Park, Walworth, Wisc.

BARRED P. ROCKS

Bred from prize winners. Excellent males and carefully mated pairs, trios and pens at right prices. I ship on approval and have always pleased my customers.

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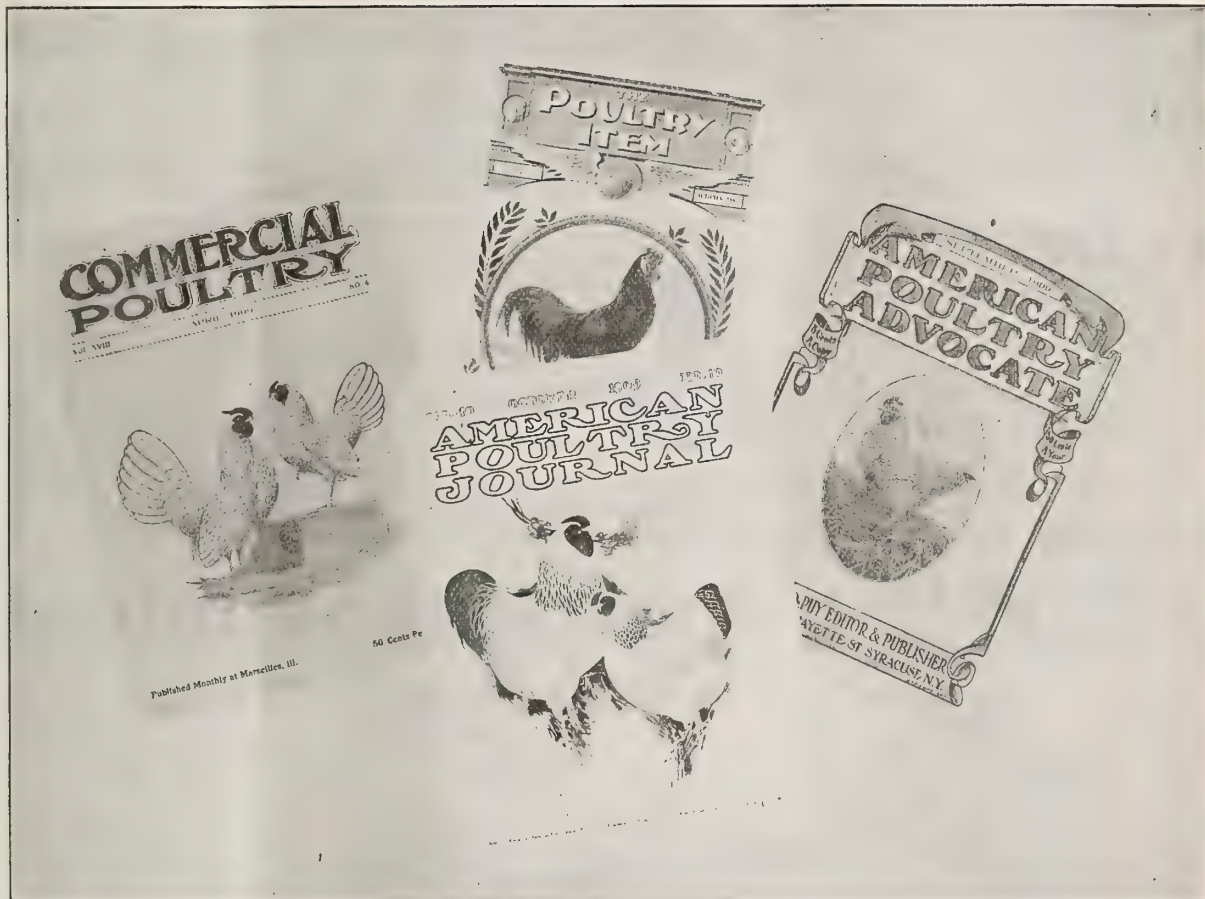
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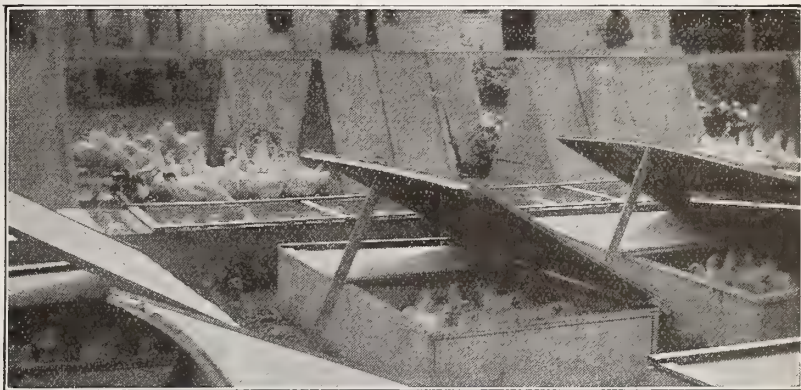
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are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents per pound above the highest market price.

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R. S. LaRue.

Valley Falls, N. Y., September 10, 1909.

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(Rev.) E. B. Templer.

Osakis, Minnesota, June 7, 1909.

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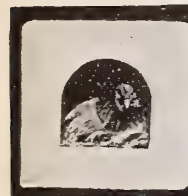
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1906-7-8-9-10. Our mating circular will be ready February 1st.

Irving A. & Frank Churchill Sibley, 1032 Jefferson Boul., Box G, South Bend, Ind.



BRED- TO-LAY BARRED PLYMOUTH ROCKS

Large and prolific laying strain. Bred for eggs, size and perfection for 18 years. Young stock for sale.
Orders received for eggs at all times. Circular free.

Wm J. Davis : R. R. No. 1 : Eaton, Indiana

NORTHUP'S MINORCAS SINGLE AND ROSE COMB

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single
Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our cus-
tomers in strong competition. Our Rose Comb Black Minorcas have won more first and second prizes than all
competitors combined at New York, Boston, Philadelphia, Chicago and the World's Fair. Large catalogue free.

Geo. W. Hey Successor to : : R. 6, Raceville, Washington Co., N. Y.
Geo. H. Northup & Son

"The Harvester" Strain

OF S. C. W. LEGHORNS AND COL. WYANDOTTES are sailing in the Select Society and are sure win-
ners as seen by their victory in red hot competition of 3 firsts, 1 second, 1 third and 18 specials at the G.
P. A. show. We are booking orders for eggs and we urge you to ask for our mating sheet describing
these popular breeds, which will be sent gladly. Satisfaction guaranteed. Eggs, \$3; \$1.50 per fifteen.

H. A. D. Leggett : : 21 Rowley St., Gouverneur, New York

ARISTOCRAT

Barred Ply. Rocks—the finest in the world. Half price
sale now on. Catalogue free. Please mention this paper.

W. D. Holterman, Fancier : Box 2, Fort Wayne, Indiana

The South Buys More Poultry.....

than any other section of this country. The
great Southwest is the best part of the South.
Breeders who have not tried this field are missing
an opportunity for sales greater than they realize.

The Southern Poultry Journal, Dallas, Texas

is the South's most profitable advertising med-
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prove this to you. : : : : :

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The paper that has paid its past and is paying its present
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PHILO NATIONAL POULTRY INSTITUTE

LEARN TO MAKE POULTRY PAY

We teach poultry keeping in all its branches by mail, or by demonstration at the greatest Poultry Institute in the world.

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Fresh laid eggs are considered the most perfect food and any one can learn to produce them at a profit. With the improved methods taught in our schools



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may be had on a city lot or small plot of ground in the suburbs or in the country. Poultry keeping is really a science. To get the greatest returns all branches of the work must be thoroughly understood. A short course is all that is necessary to make the business a success and to avoid the mistakes so common with those who do not understand the work.

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by mail or at our National Poultry Institute, where thousands of the finest birds are raised annually. With the improved methods it is possible to handle the business with a very small capital, or students can get employment at good salaries.

Write for full information about our course of instruction in methods of poultry keeping.

PHILO NATIONAL POULTRY INSTITUTE
LAKE STREET :: :: ELMIRA, NEW YORK

WE OFFER YOU AN ELEGANT SET OF CHINA DISHES

for a few hours of your spare time? If interested, write us for particulars TODAY.

THE CENTURY CO., ELYRIA, OHIO

THE WILD GOOSE FARM

Copiapue, Long Island, N. Y. Wm. E. Hawkins, Proprietor

Breeders, importers and exhibitors of forty varieties of Bantams and three hundred varieties of pigeons. 1,200 premiums, cups and specials won at New York, Boston, Hartford, Baltimore, etc., in 1908-09. Send stamp for price list to

Chas. M. Smith, Manager

S. C. W. Leghorns and White Wyandottes

Whitecrest strain. Silver cup and many firsts at Cleveland and Detroit. We have the quality and can please you. Let us know your wants. Circular free.

H. C. & C. W. Sixt :: Box 42, West Park, Ohio

White Indian Games

S. C. Buff Orpingtons, Cook's strain; White Rocks, Hawkins' strain, and S. C. White Leghorns. Bred from World's Fair and New York winners. All stock farm raised and are healthy and vigorous. Choice stock at low prices. Satisfaction guaranteed.

C. L. McFerren :: Belleville, Ohio

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Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

Pratts Roup Cure



Checks roup in time Cures, too. Give it in all drinking water and your flock will not be attacked. 25c box makes 15 gallons of medicine. At your dealers, or sent postpaid if he hasn't it.

Pratts Poultry Regulator keeps hens laying all winter. Puts them in prime condition and wards off disease. 12-lb. bag, \$1.25.

Your money back if any Pratts Preparation fails to make good. Pratts Poultry Wrinkles—a new book. Free.

PRATT FOOD COMPANY
Department P Philadelphia

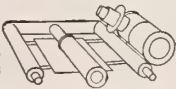


INCUBATOR & BROODER LAMPS

For years we have made lamps for the largest and most prominent incubator manufacturers in the world. Seamless bowls galvanized after drawing; either in knock-down shape or assembled and finished. Our long experience counts. A good range of sizes.

Heating System

A warm air pipe system for incubators and brooders. An advanced idea, time tried and tested. These and our finished lamps extensively handled by dealers in poultry supplies.



Drinking FOUNTAINS

In two styles and six sizes, galvanized after finishing, and the best line of fountains yet produced.

CATALOG FREE

KENTUCKY STAMPING CO.
DEPT. 67. LOUISVILLE, KY.

Golden Wyandottes

200-Egg Strain—Won 5th cock, 4th cockerel, 3d pullet, with four entries in class of 66 at the great Chicago show, December 7-12, 1909. 2d cock, 3d cockerel, 4th pullet, with five entries in class of 64 at the big Missouri State Show, St. Louis, December 6-11, 1909. I have a strain of layers and they win in hot competition. Write me what you want, show birds or breeders—I have them. **J. S. Pennington, Box A, Plainfield, Ill.**

IMPERIAL POULTRY FARM'S

SINGLE COMB BUFF, BLACK AND WHITE ORPINGTONS

Winners St. Louis, Illinois State Show, Peoria, Bloomington and Atlanta. Won on Buffs, Illinois State Show, first and second cockerel, third pullet and second pen. Blacks, first, second, third and fourth hen, second cockerel. Nine ribbons on thirteen entries. No Whites shown. Only two entries St. Louis, won second and fourth Black Orpington hen. Orders for eggs booked now. Write for prices and mating list. Some fine Buff cockerels yet for sale at low prices for quality.

Imperial Poultry Farm :: Chas. C. Miller, Proprietor :: Atlanta, Illinois

S. C. Black Minorcas

St. Louis and Indianapolis silver cup and Madison Square Garden winners. Have won more prizes in the last two years than any S. C. B. Minorca breeder in America. Grand clearance sale of all surplus stock including many of my prize winners this month. Order eggs early. A small deposit secures delivery just when you want them.

E. E. Wilson Indiana Champion 921 Ashland Ave., Indianapolis, Ind.
American Black Minorca Club

White Wyandottes

Rudy's Perfection Strain—Made the grandest winning ever known in Chicago, Dec. '08. My first cock had the honor of tying for the best bird in the show. Show Stock of the Finest Quality. Write me today for what you want. I can please you.

GEO. H. RUDY Box A Long Distant Phone 4 MATTOON, ILLINOIS



First Prize Cockerel, Wis. State Show

KING BROTHERS'

"RINGLET" STRAIN OF BARRED PLYMOUTH ROCKS

Make another clean sweep at the big Wisconsin State show, January 5th to 10th, 1910. Winning 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 4th on pullets; 1st, 2d, 3d, 4th and 5th on hens; 1st, 2d and 3d on exhibition pens. Also all specials including sweepstakes, silver medal for best cockerel in show offered by the American Poultry Association. Write us just what you want. Our prices are right and we positively guarantee every sale to please or refund your money. Fine illustrated catalogue, containing hundreds of strong testimonial letters for the asking. Also prices of eggs from finest matings in the world.

King Brothers, Oshkosh, Wisconsin
Largest Specialty Breeders in the Northwest

**Still Alive and Back in the Old Reliable
with Our**

Brahmas, Barred and White Ply. Rocks, Columbian and White Wyandottes

They are as fine as ever and strictly up-to-date. **Brahmas**—\$3.50 to \$10 for females; \$5 to \$20 for males. **All Others**—\$2.50 to \$8 for females; \$4 to \$15 for males. Eggs in season from special picked pens—\$6 for 15 straight; all other, \$4 for 15; \$7 for 30; \$9 for 45, and \$15 for 105 eggs. Address for circular and price list.

I. K. FELCH

Box 176

Natick, Mass.

N. B.—No birds in breeding pen under 90 points for fowls or 92 for chick and up to 96 points.

INTENSIVE CHICKEN FARMING PAYS BIG

The Following Brief Address, by Mr. P. M. Wickstrum, Will Be Of Interest To Readers of the A. P. J.

"Friends, Good Women and Men:—Down in the Gulf Coast region of Texas—out in the irrigated districts of Colorado and other Western States, 'Intensive Farming' has developed into a practical science. Wonderful things are being accomplished. With a few hundred dollars and but ten to twenty acres of land many a man is laying the foundation to a large fortune. Intensive farming is a certainty—a 'cinch,' as we ordinarily say. The soil is fertile, the water supply is abundant, the seed planted is reliable and a bumper crop can always be depended upon.

"But all of us can't go South or West and buy irrigated land. We've got to stick to our home places. We don't want to leave our friends, anyway, if we can make good money where we are.

"Now, I just want to say to you that you need never leave your present home to make big money. Acre for acre, dollar for dollar, work-hour for work-hour, I will tell you of a business that actually *beats* intensive fruit and truck farming. That business is Intensive Chicken Farming.

"With less land—less money—and less time, Intensive Chicken Farming pays the biggest profit—and I refer you to government statistics to prove it. You all have enough land, enough money and enough spare time to go into Intensive Chicken Farming on a paying scale.

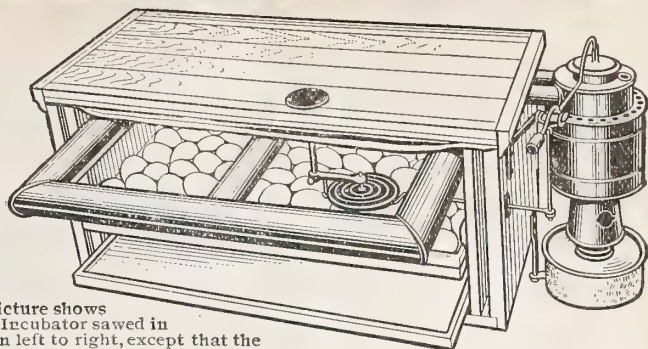
"Now, what *is* Intensive Chicken Farming? It is hatching and raising chickens scientifically—having the proper equipment. Poultry raising thus becomes a science—a certain, big-paying investment. Part of your knowledge you must get by experience—but the most important part you can get from the experience of others if you know where to go.

"Most essential, of course, is a good incubator—a GOOD incubator. No hen will attend to business well enough to get a sitting job with an Intensive Chicken Farmer.

"You all know that I am in the Incubator business. I know how my incubators are made and I think mine is the very best machine of its nature. (Pardon my enthusiasm.) A great many Intensive Chicken Farmers do, too. Sixty-two out of every hundred incubators I sold last year went to men and women who already owned one or more of my incubators. This emphasizes one thing, sure, that Intensive Chicken Farming pays well, or else they wouldn't be going into it on the bigger scale. It is incidentally proof that these people are convinced by experience that my incubator is the best and most serviceable.

"I never advise any one to buy one of my incubators until he or she has seen one at a neighbor's or has tried one at home. I owe it to you and you owe it to yourself that you investigate before you buy. I do advise you to *investigate* my incubator. I will put the proofs before you in the shape of books, letters from customers—and one of my incubators itself to try free if you want it. The entire investigation cannot cost you anything. I won't let it. If you do not become a customer of mine we will still be friends. In case you purchase an incubator I will start you on the right road to Intensive Chicken Farming (if you are a beginner). And I will be constantly at your service, no matter how much or how little experience you have had. I am in good health, have recently increased the capacity of my plant greatly, and I expect to still be in business at Lincoln in 1940. I am always at your service. If I ever do quit making QUEEN Incubators, I'll jump into Intensive Chicken Farming, and that would be easy, because I always have a large flock on hand, as a result of the great amount of experimental work I do. I thank you."

Poultry raisers are glad to note that the price of eggs for the past 12 months shows a marked increase over a few years ago. They were seldom below 18c last year and in some places they were up to 35c and 40c. Poultry is getting high, too.



This picture shows a Queen Incubator sawed in two, from left to right, except that the radiator was not cut. Observe the position and location of the lamp, the magnificent hot water heating plant inside the machine, the egg tray, chick tray below, the insulated double walls—and the regulator. Note the thermostat, entirely away from the pipes, but very close to the eggs.

Test the Heart and Lungs of the Incubator You Buy

You have no business **BUYING** an incubator until you yourself have tested its **VITAL** organs, its Heating, Circulating and Regulating System. **THAT** is the sure and satisfactory way to measure the length of life and the money-making value of any incubator. You and others who raise chickens for biggest profit should not be guided entirely by illustrations and descriptions. For they can **NOT** show an incubator **IN ACTION**. Nor am I **WILLING** for you to depend upon pictures and type for your knowledge and judgment of the Incubator **MY** company manufactures.

Who could tell by the finest **PICTURE** of a Queen Incubator how wonderfully it **WORKS**? Can any picture tell that the Heating Apparatus of the Queen is made of pure Lake Superior cold rolled sheet copper? Or that thermometers placed in each corner of the Queen Radiator register within $\frac{1}{4}$ of a degree of the same temperature? Or that the Queen is the **ONLY** Incubator with an absolutely perfect, automatic regulator?

The Queen is the **ONLY** incubator with a lamp so safe and efficient that other well-known manufacturers gladly pay to use it—the **ONLY** incubator that is so good, so durable and in every way so satisfactory that the maker can put a wide-open five year money-back guarantee on it and back up that guarantee.

Put the Queen in your barn, wood-shed, kitchen, dining-room, or parlor—I care not where—and it will hatch **MORE** chicks and **HEALTHIER** chicks than any other machine on earth under like surroundings. My catalog tells you **WHY** this is true. My liberal trial plan **PROVES** to you that it is true. From start to finish, this trial and proof can cost you nothing.

I now propose this trial plan:

90 days free trial—more time if you ask for it.

5 years guaranty—worded to suit yourself, if my regular guaranty doesn't suit you.

Direct factory prices—every penny you pay you get back in incubator value—No intermediate "rakeoff" for jobbers and dealers.

Freight prepaid—all Queens are shipped by fast prepaid freight—no trouble, no bother to you.

You know the total cost before you buy.



"The Chick that's born in a Queen Incubator won't have any mother—But he'll have a whole SWARM of healthy little brothers and sisters."

Reader, no matter how much or how little experience you have had in poultry raising, you can most assuredly increase your profit from 100 to 500% by my special advice and instructions on Intensive Chicken Farming. I ask you to spend but a single cent to know my plan. Get my 1910 Poultry and Incubator 'Book, and then at your asking, I will allow you the fairest trial ever offered by any incubator manufacturer. You need my catalogue to know the size and capacity to try.

ONLY by an extended free trial and test, can I expect to prove to you **CONCLUSIVELY** that Intensive Chicken Farming pays the biggest profit of all—that the Queen Incubator puts on a 40 to 50% extra layer of profit over and above any other incubator.

Mine is the squarest, **FAIREST** and **BROADEST** trial plan I have yet been able to think of and I have been in the incubator business a long time. "If there is anything else I can offer that will be mutually fair to you and me, please ask it. Remember, the Queen Incubator on the field of action—in homes and on farms in 46 states—has proven the **GREATEST INCUBATOR** in this country. It has reduced Intensified Chicken Farming to a science—a certainty, a direct road to wealth, requiring less money and work than any other farm vocation. I am willing to go the limit to prove this. Your name on a postal, or this coupon, is the first step for you to take to prove, to your own satisfaction and immediate poultry profit, these important facts. **SEND ME THE COUPON, OR POSTAL, NOW—WHILE MY ADDRESS IS BEFORE YOU.**

P. M. WICKSTRUM,
The Queen Incubator Man,
Box 4, Lincoln, Neb.

WICKSTRUM, The Queen Incubator Man,
Box 4, Lincoln, Neb.

Please send me your Poultry and Incubator Catalogues. I am interested in Intensive Chicken Farming.

Name _____

Address _____



CAPONIZING INSTRUMENTS

Milk Fever Outfits, Deboners, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04; Chicago, '93. Illustrated cat. free. Haussmann & Dunn Co., 392 S. Clark, Chicago

DAY-OLD CHICKS

We operate in connection with our large wholesale and retail business in poultry feeds and supplies, one of the largest hatching plants in Eastern New York.

Heretofore, we have been able to cater only to our city store trade, but this season we are enlarging our plant considerably, and solicit your patronage.

We hatch from Standard bred poultry only, of the following varieties:

S. C. White Leghorns, Barred Plymouth Rocks and S. C. Rhode Island Reds

Our breeders are selected with great care out of very large flocks, and we are able to give you chicks that will be true to name, color, shape, etc., and several have reported prize winners at local shows.

Prices, 10c to 15c each. We guarantee to deliver within ten days of specified shipment or refund your money. Send for circulars.

Van Wie Poultry Supply House
512 Liberty St., Schenectady, New York

CHAMPION BROODERS



Our 1910 model is the best and finest brooding device ever put on the market. Outdoor, indoor and lampless brooder, weaning coop and small colony house, all combined in one machine for less money than you pay for just "brooder" in other makes. The Champion is the standard Brooder of the world. We have customers using as many as 50 on their farms. No other brooder like it.

Champion Patents

Many manufacturers are using some of our patented features in their brooders. Beware of these infringements as we intend to prosecute all such manufacturers and users of infringing brooders. Our patents cover all two compartment brooders, others are infringements, and if you buy them you are liable to heavy damages.

How They Work

"I have used two other kinds, but yours beats them all."—Jos. McCloskey, Watseka, Ill. "My Champion raised 145 chicks for me without the loss of one."—E. U. Harris, Hagerstown, Md. "Never had a chick sick with weak legs or bowel trouble in the Champion."—Nick Morris, Goshen, Ind. "I raised 600 chicks in two Champions last year and lost only three chicks."—R. Roberts, Boston, Mass. "My Champion chicks grow like weeds. Keep the brooders out doors all winter."—Jas. Shiner, Augusta, Me. We have hundreds of others on file.

The Champion is the only brooder which will work outdoors in winter without shelter. The powerful heater does it. Uses one-half the oil others use. Don't buy until you get our catalog; it's free.

J. A. Bennett & Sons Company

929 Main Street : Gouverneur, N. Y.

1000 BUFFS THAT ARE GOLDEN 1000

Buff Rocks, Buff Orpingtons, Buff Wyandottes, Buff Leghorns and Buff Cochins—Also turkeys and water fowls, the greatest winter laying and prize winning strain in America. 3,000 prizes to their credit including Chicago and Minneapolis. 1,000 breeders and show birds at bargain prices. Our sale circular tells all. It's free.

Ziemer's Buff Poultry and Bee Farm, Austin, Minnesota

Hurlbert's White Minorcas

Champions of the Great Mid-Show, Chicago, December 7-12, 1909—Won on Rose Combs: First, second and fourth cock; second cockerel, first and third hen; first, second and third pullet. On Single Combs: First cockerel; third and fourth hen; third, fourth and fifth pullet. Write for catalog of 1910 matings.

J. J. Hurlbert, R. F. D. No. 3, Morrison, Illinois

Columbian Wyandottes

Styers' Strain Columbian Wyandottes have no equals. Birds bred, owned and exhibited by me have won prizes at Chicago, New York and Boston. If you need real quality and will pay a reasonable price I can deliver the goods. The best Columbian eggs ever sold will come from my yards this season. New catalogue out in February, it's free. Write today,

Fred Styers :: R. F. D. No. 25, Greensburg, Indiana

Single Comb White Leghorns and White Wyandottes--2000 Breeders

Eggs for hatching now ready from the finest stock I ever owned at \$5.00 per 100; \$50.00 per 1,000. No order too large. Baby chicks (Leghorns) \$10.00 per 100; (White Wyandottes) \$15 per 100. 20,000 hatched for spring delivery. Get your orders in early. Fourth edition of my book, "Profits in Poultry Keeping Solved," just off the press. 25,000 copies, now reduced from \$5 to \$1 per copy, containing all my latest secrets. My great feed at 11 cents per bushel will make any plant pay. Do you expect to raise 95 per cent of all chicks hatched this season? If not, get my book and learn how. Send today for free circulars and testimonials. Address

Edgar Briggs :: Box A, Pleasant Valley, New York

BUY LAND!

Texas Gulf Coast land, 23 miles from Houston, a city of 100,000 population, and 1½ miles from railroad station of Crosby. This land will be sold in 20, 40, 80 and 160 acre tracts at \$50 per acre. All sales of 20-acre tracts for cash; other tracts, one-half down, balance five years at five per cent. The soil is black and from three to six feet in depth. Abundant rainfall enables you to grow such crops as corn, cotton, oats, sugar cane, rice, vegetables, oranges, figs and all kinds of citrus fruits.

Merrill B. Metcalf, Box F, Greenfield, Ill.

Bronze Turkeys



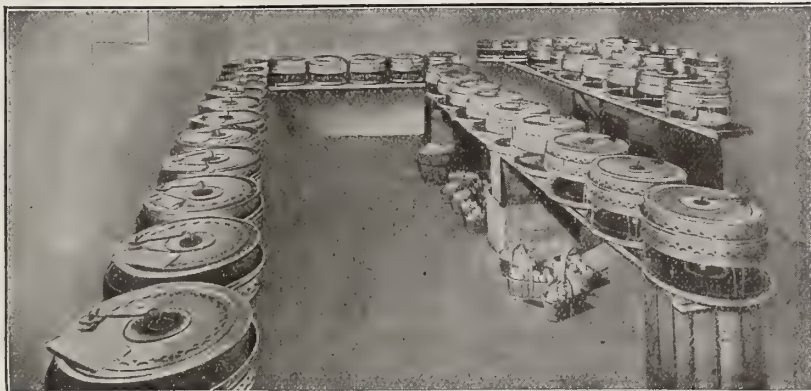
NO BREEDER of Bronze Turkeys can equal the record won by my birds at Madison Square Garden, New York. Eighteen birds entered winning eighteen prizes, also winners at Chicago, St. Louis, Cincinnati, Indianapolis, Nashville, Tennessee, Springfield, Illinois, and the great St. Louis and Pan-American expositions. What better proof as to their superiority.

300--Choice Turkeys for Sale--300

Fine large, well marked young toms at \$8.00, \$10.00 and \$15.00 each. Selected old toms, great large, finely marked fellows at \$10.00, \$15.00 and \$20.00 each. A lot of choice hens at \$5.00 and \$8.00 each. Flocks of five hens and tom at \$35.00. Eggs, \$1.00 each. Address

Mrs. U. R. Fishel :: Box A :: Hope, Indiana

A Little Poultry and a Living



Is the title of a little booklet we will mail free. It was written by the author of the PHILO SYSTEM BOOK, who makes every one of his hens pay him a profit of \$50 to \$100 each.

Metal Mothers

**Our New Discoveries
Make Poultry Keeping
Easy and Profits Sure**

Our machines were used exclusively in the original Philo System plant, where over \$1,500 FROM 60 HENS IN TEN MONTHS has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four Metal Mothers, and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steady as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chickens like the mother hen.

Valley Falls, N. Y., Nov. 18, '09.

The Cycle Hatcher Co., Elmira, N. Y.

Sirs:—I have used your incubators, both the Cycle Hatcher and Brooder Hatcher, during two seasons, and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatchet makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders. Very truly yours,

(Rev.) E. B. Templer.

The Cycle Hatcher Co., Elmira, N. Y.

Gentlemen:—No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$960 running our hatchery plant consisting of 56 Cycle Hatchers. We are pleased with the results, and expect to do better the coming year. With best wishes, we are, very truly yours,

(Mrs.) C. P. Goodrich,
Elmira, N. Y.

Our 1910 Pattern Metal Mothers

are the perfect results of the latest discoveries in artificial incubation. They will hatch hens, ducks, turkey and goose eggs equally well and at the same time. Regulation of moisture and heat entirely automatic.



Large stock of machines at Oakland, Cal., our western shipping point. Write the Cycle Hatcher at the above address for Pacific coast prices.

One Metal Mother complete, \$7.50; two, \$14; four, \$24. One Cycle Hatcher complete, \$5; two, \$9; four, \$17; six, \$24.

The booklet "A LITTLE POULTRY AND A LIVING," fully illustrated and describing these machines, and a complete line of the most approved poultry appliances, mailed free.



Cycle Hatcher Co., 214 William St., Elmira, New York

Buff Wyandottes

At the great Mo. State Show in one of the best classes ever shown, with twelve exhibitors, won first and third hen, third cockerel, second and fifth pullet and first pen, winning three times as much as any other exhibitor. This, with our winnings at Chicago, St. Louis, Evansville and Illinois State Fair, clearly proves our strain the BEST IN THE WEST. Prices reasonable. Satisfaction guaranteed.

J. C. Ritter & Son, Box 243A, Olney, Illinois

S. C. W. Leghorns

At the Illinois State Fair, Oct. 1-9, I won 2d pen, 2d cock, 2d pullet, 3d hen. Sixty birds entered in this class.

COCKERELS FOR SALE

ALLAN J. COE
131 N. 5th St. Springfield, Ill.



Frog Raising

Our book "How to Breed, Feed and Raise Frogs" sent postpaid, price 50 cents (coin) or money order.

MEADOW BROOK FARM
Allendale, N. J.

White Rocks

Yes we breed them exclusively. If you have not purchased that cockerel yet, just place your order with us. Price reasonable.

Temple & Merriman, R. 5, Gouverneur, N. Y.

LEMBKE'S R. C. REDS

Winners wherever shown; in the east, west, north and south. They have the shape, size and color. Free range, 200-egg strain. 200 choice cockerels for sale at \$2, \$3 and \$5 each. Eggs in season.

Annah Lembke, Manager
Griswold : : : : Iowa

THE CHANNELL WOVEN WOOD AND WIRE FENCING :



Cheap; easily erected; safe; lasting. The ONLY fencing for stock, poultry, farm, oyster beds and general purposes. Put up in 75-foot rolls. Sold in 3 sizes—3 ft., 4 ft., 5 ft. in height, 8c per lin. foot. Special prices in car load lots.

POWELL BOX COMPANY, Ltd., Eastern Distributors
Mfrs. and Exporters Packing Boxes, Shooks, Crates and Lumber
Cortez and Gravier Sts., New Orleans, La.

CAPON TOOLS



CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c, Gape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free.
G. P. Pilling & Son, Philadelphia, Pa.

Barred Ply. Rocks, Buff Turkeys R. I. Reds--Both Combs

High-class stock for sale at all seasons. Write for prices. Eggs, best pens, \$5 per 15. 2d pens, \$3 per 15. By the hundred at \$10 and \$25. Utility eggs, \$2 per 25, \$5 per 100. Day-old chicks. Catalogue for the asking. We guarantee.

William Osburn : Goose Lake Poultry Farm : Morris, Illinois



BRED TO LAY BARRED PLYMOUTH ROCKS

J. W. PARKS & PROF. GOWELL'S
WORLD FAMED STRAINS

Vigorous March and April hatch cockerels and pullets, each Circular of facts free. \$2

O. F. Mittendorf Lincoln, Illinois

ROBISON'S BUFF ROCKS

Have won more prizes at Missouri State Show than all competitors. They have won for me as well as my customers everywhere they have been. Write for mating list and catalogue, giving winnings. The best matings I ever mated.

W. S. ROBISON :: Life Member A. P. A. and Buff Rock Club :: ROUTE 1, FAYETTE, MO.

HALBACH'S WHITE PLYMOUTH ROCKS

Established a BIG RECORD by winning:

Best Display at Chicago, January, 1907
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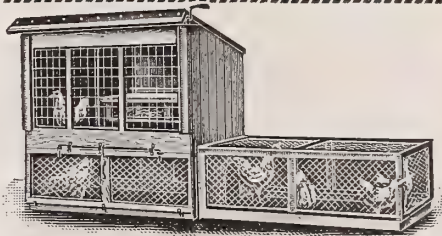
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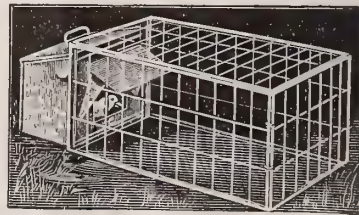


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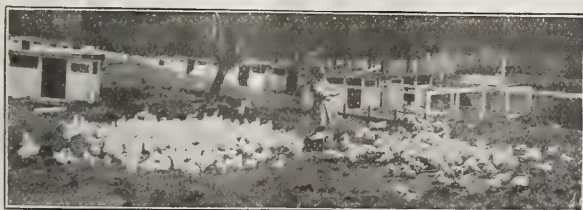
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(Signed) P. J. HARLLEE,
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I have sixteen of your hens that average two hundred and thirty-one (231) eggs per bird in 12 months.

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May 23, 1909.

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"Peggy," the \$10,000 hen owned by the Kellerstrass Farm, was viewed by over half a million people around the southern circuit of State Fairs, which included Nashville, Memphis and Atlanta.—Southern Poultry Magazine, Nashville, Tenn., December, 1908.

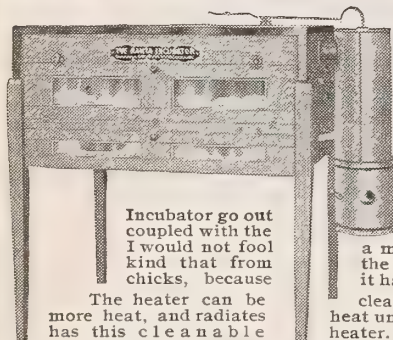


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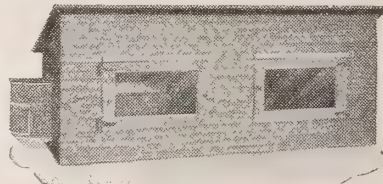
We could go on telling you many other points about Banta Incubators. Send for my catalogue and you will understand better why I am proud of my Incubator and why I can guarantee it to hatch so well, last so long, and give such delight. It is a book worth your time to read. Send for it to-day. Address as below. I will get it because I give my entire personal attention to all Incubator and Brooder business.

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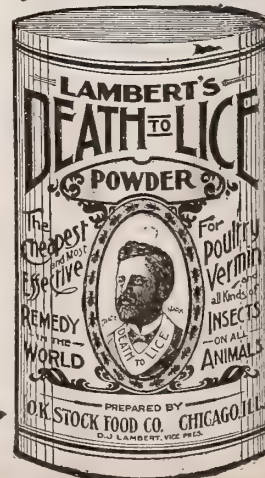
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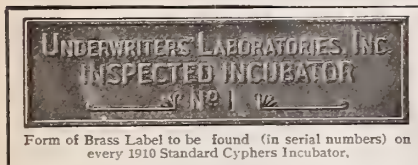
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It is used by more Government Experiment Stations, by more large practical poultry plants, by more fanciers of national reputation, by more successful duck farmers—than all other makes combined.

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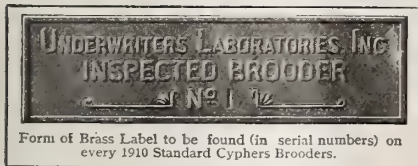
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This they did, and the fact that Cyphers Brooders *went through* and received the first Insurable Label ever awarded to a brooder is complete proof of how carefully they were made—how every possible danger is provided against.

An Adaptable Hover—self-ventilating and self-regulating—every one bearing the Fire Underwriters' "Inspected Brooder Label"—is used in each of the 4 styles of 1909-1910 Cyphers Brooders.

It is constructed entirely of non-combustible materials.

Ventilation in Cyphers Brooders is automatic.

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Our insurable oil-heated Brooders have a heater which is

A Special Cyphers Invention

It is constructed entirely of non-combustible materials, and so perfectly encloses the lamp-box chamber that it could be operated without danger of fire if placed in a kindling-wood box filled with shavings.

The openings, in the lamp chamber are screened with fine meshed wire-cloth, through which flames or sparks cannot pass.

The lamp chamber has a wall of extra thick galvanized iron.

All joints and connections are metal—fire-proof and spark-proof.

You cannot put the lamp in any way but the right way.

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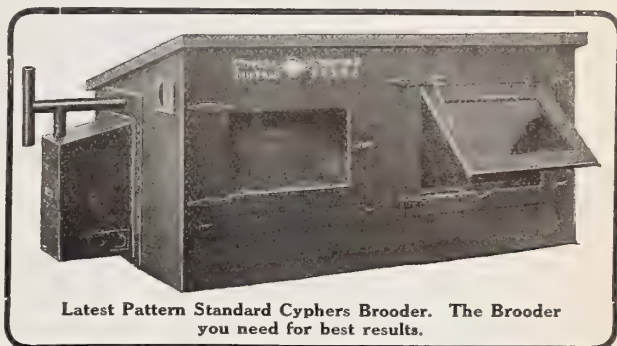
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The *greatest* value ever offered in a Brooder.

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We have originated and patented new devices along these lines which are practical and economical and can be used wherever a constant current of electricity is obtainable for ordinary lighting. Just unscrew the glass bulb, attach our cord and you're well started.

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Winners at Ohio and Indiana State Fairs. Stock in all varieties. Eggs in season. Mention A. P. J. : :

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Jones fed his hogs the same amount of corn that Smith did. Jones made his gain from 160 to 260 pounds. At 7½ cents a pound this made \$2.25 difference per hog that Smith got out of his feeding over what Jones did, just because Jones did not know how. He was not progressive and Smith was.

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I expect to be in better shape than ever next spring to supply the trade with eggs for hatching from the best S. C. Buff Orpingtons in the country. A few choice breeders, male and female, still on hand, which I will sell at reasonable prices.

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Don't take our word for it, but read the following unsolicited testimonials from the greatest authorities in the country:

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The winners at Chicago, December, 1908, and December, 1909. Mating list sent on request.

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Only layers with show quality. Winnings at Peoria, Illinois, November, 1908, 1st cock, 1st, 2d, 3d and 5th pullets on six entries. Peoria, December, 1909, 1st, 2d and 3d cock, 1st, 3d and 4th hen, 1st pullet, 1st and 4th pens. No cockerel shown, Club special on best female and best colored female, also silver challenge cup for best display of any one variety Wyandottes. Winnings at Bradford, Illinois, December, 1909, 1st cock, 1st, 2d, 4th and 5th hen on five entries. Laying quality. Book orders for eggs early.

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Coulter's Prize Winning Reds**Rose Comb Exclusively**

Line bred and grand Winter layers. Won all firsts and seconds at Frankfort show Jan. '09 at Cincinnati, Dec. 1909, second cockerel, fifth pullet, second, third and fourth hen and first Chicago pullet. Have large bone and bodied typical Rhode Island Red shape and color. A few breeding cockerels for sale. Send for mating list.

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Single Comb White Leghorns

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Best in Ohio. On six entries at Cleveland I won 1st pen, 2d cockerel, 4th cock, 4th pullet and silver challenge cup for best display. Some choice young stock for the Fall and Winter shows. Write today for prices and particulars. Eggs from some extra good matings.

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win wherever shown. Young stock for sale at a bargain. : :

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Kulp's Wonderful Rose Comb Brown, 242-egg strain; S. C. Brown, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs, Two of greatest strains bred.

S. C. White, big white 236 egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

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Won at the great Coliseum Show, Chicago, 1909, on S. C.: 1st, 2d and 5th hen, 1st, 4th and 5th cockerel, 2d and 3d pullet. On R. C.: 2d and 4th hen, 2d and 3d pullet, 5th cockerel. I have some fine stock for sale at reasonable prices. If you want show winners write me at once.

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Win at Illinois State Show Springfield, 1910, in hot competition, 2d cockerel, 2d and 3d hen, 1st display yard and 1st breeding pen. Also 4th and 5th pullet at great St. Louis show, 1909. Write for mating list and egg prices.

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Look at Their Late Winnings—16 firsts, 6 seconds, 6 thirds, 2 fourths and 1 fifth at A. P. A., Cincinnati, O. Mt. Vernon, Newark and Ohio State Show at Washington C. H., O. My patrons have won at Indianapolis, Detroit, Cleveland, Pittsburg, Cincinnati, Zanesville, McKeesport and many other smaller shows. My price for eggs for season 1910 from my best birds is \$3 per 15, \$5 per 30. Send for mating list.

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At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female.

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Are found at Brook Side Farm in Golden Laced, Silver Laced, Whites and Blacks. Winners of over 300 premiums at Madison Square Garden, New York, alone. They have won thousands of premiums at Chicago, St. Louis, Buffalo, Boston, Philadelphia and all the large shows. We have 2,000 head of the finest birds we ever offered, both old and young, of the finest exhibition birds or high class breeding birds. They have the size, shape, color, combs, up to date lacing, large clear open centers, that will improve your flocks, or win for you in the warmest company. We have line bred these birds for nearly thirty years. The richest breeding that can be produced. Write us today for real bargains, also Golden Sebrights and Collie dogs. Imported stock. Large circular showing more than fifty of our great winners.

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Unequalled and unapproached by any Buff Leghorn breeder—was that made at Chicago, December 7 to 12th, 1909, by the Tecktonius Single and Rose Comb Buff Leghorns. At this great exhibition of the biggest and most superior class of these magnificent birds ever shown under one roof, in the history of the United States, the Tecktonius Single and Rose Comb Buffs took high honors in sixteen out of eighteen entries as follows:

Single Comb—1st pen, 1st and 2d hen, 1st and 5th pullet, 2d and 4th cockerel, 4th cock

Rose Comb—1st pen, 1st and 2d cock, 1st and 2d hen, 2d and 4th pullet, 3d cockerel

Also the Tecktonius Buffs won the silver cup and silver set—and the special for best shape and best colored female offered by the American Buff Leghorn Club. Truly, "honor enough"—for the world's best strain of the "best general purpose fowl on earth" to satisfy even the ambition of the breeder of these distinctive birds.

Tecktonius Buffs--The "Quality" Leghorn

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ROUTE 7

RACINE, WISCONSIN



Bie's Barred Plymouth Rocks

Winners Wherever Shown. Winning at Chicago, Milwaukee, Kenosha

At Chicago in the strongest competition west of New York City, on one entry I won third pen, one of the three most coveted prizes.

At Milwaukee, 1910: On pullets, 1, 2, 4, 6, 7, 9, 10; hens, 2, 3, 4; cockerels, 3, 4, 7; pens, 1, 3; special for best display Barred Rocks: special for best cockerel and pullet; special for best pen; in fact, all specials but one.

At Kenosha, Wisconsin—One of Southern Wisconsin's best shows, I won 1st, 2d, 3d and 4th pullet, 1st, 3d and 4th cockerel and 1st pen.

A grand lot of pullets and pullet-breeding cockerels for sale at prices that are right for quality. All customers have to be satisfied or it is no sale. I will pay return express charges on any bird that is not satisfactory and refund the purchase price in full. **Thirteen years of line breeding** have put my birds in the front rank. My matings for 1910 will comprise all my 1909 and 1910 winners and birds of their equal. Eggs at \$5 and \$8 per setting. Please mention this paper when writing.

George H. Bie = Racine, Wisconsin

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"HOLD THE WORLD'S SHOW RECORD"

Our record for the past three years at twenty-three of the best shows held in America stands unequalled. No record held by any breeder in this country can compare with it. Exhibiting thirty times, not only in one section or under one or two judges, but going from coast to coast and under twenty-four different judges, this record was obtained. Exhibiting at Madison Square Garden, Boston, Chicago, Indianapolis, the Jamestown Exposition, Washington, St. Louis, Augusta, Scranton, Allentown, Nashville, Paterson, Trenton, Richmond Hill, Newark, Orange, Morristown, Dover, Ruth-erford, Englewood, Montclair, Sacramento, Cal. and the Alaska-Yukon-Pacific Exposition, winning more first prizes than all other Rose Comb Red exhibitors combined, proves that the American Beauty Strain stands in a class by itself. We have also furnished for years first prize winners at the big shows—East, West, North and South, and today hundreds of Red men are exhibiting and breeding our strain.

If you are in the market for eggs that will hatch out winners for any show, write today for our handsome catalogue, showing photos and records of the winners that are in our pens this season. Compare us with the others—then judge for yourself. We have the quality, our prices are honest, and as for our reliability, ask any poultryman or judge in the country.

Kaufmann & Windheim, Originators - The Largest Exhibitors of Reds in America - Nutley, New Jersey

Giant Bronze Turkeys .. Best .. America's Part. Wyandottes

At the great Madison Square Garden Shows of 1907-8-9-10 our Bronze Turkeys and Partridge Wyandottes won a total of twice as many premiums and twice as many points as any competitor. At the above 1910 show our birds won more premiums and more points than all competitors combined. The choicest turkeys and Wyandottes we ever raised for sale now. Remember, all stock found not as represented may be returned at our expense and your money will be cheerfully refunded. All birds farm raised; vigorous and unexcelled for utility purposes. Write what you want; we'll try to please you.

BIRD BROS. : BOX C : MEYERSDALE, PENNA.

BUFF AND CRYSTAL WHITE ORPINGTONS Largest Winners at Chicago Show. On thirteen entries we won eight prizes and silver cup. No other breeders equaled this record. Stock for sale. Send for catalogue. We ship on approval. Large early cockerels a specialty.

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AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

Volume 41

Chicago, Ill., February, 1910

No. 2

SYNOPSIS OF THE HOOVER BARRED ROCKS

Line-Breeding One of the Most Essentials—A Good Start Important.

Written for American Poultry Journal by William H. Hoover, Polo, Ill.

SIXTEEN years ago this spring my father-in-law gave us a pen of Barred Plymouth Rocks, a cockerel and four pullets. They were the best obtainable at that time, he having won the blue with this line at most of the best state fairs and poultry shows of that date. We were breeding Black Langshans at the time and father remarked as he gave us the Rocks: "Now keep in mind these are Barred Rocks, not Black Langshans, and if you succeed in making an improvement in these birds each year greater care must be practiced than with any other variety I know of. You must breed in line and stick close to it. Don't believe folks when they tell you your flock will deteriorate by line breeding, for if plenty of common sense is used in selecting the good qualities are just as easily bred in a strain of poultry as in other lines of farm stock. Cull freely each fall, breed only the best, even if fewer in number, and your flock will be a little better each season. I will tell you and show you all I can and shall expect you to be shortly raising better Barred Rocks than I can."

That first year we raised about eighty-five chicks from the pen of five, and as we had been "shown how" we the next year selected eight of the finest pullets and mated them with their sire, and the four hens were yarded with the best young cockerel. We raised enough from these two pens so that after culling for market and selecting enough for three yards there remained plenty for our range yard, and the Black Langshans were confined in a yard. At this time we sold out our surplus stock to farmers, where we found the demand unlimited for Barred Rocks of good size and "good lookers," and occasionally selling some of the best specimens to fall fair exhibitors. Later on it became known amongst the large breeders of several varieties, called Hucksters nowadays, that the Hoovers had a string of Barred Rocks that could be relied on to give satisfaction, and we were in time overwhelmed with this demand, never being able to meet it.

This brings us up to six years ago, when we still had the three select yards from which we aimed to raise about all our own breeding stock for the following season, and if new blood was required father supplied it. At this time our town held its first poultry show, which has since occurred annually, and has become known as the quality show of the state. Of course our Barred Rocks went to the show, and they won four out of the five possible first, best display, best three, best pair.

The following year enthusiasm was great at the Polo show, sixty-nine Barred Rock cockerels in competition. The other fellow had sent east and got a high-priced pen. I determined not to eat crow, so I bought a Chicago winner and won first cockerel, first cock and others. Now this transaction convinced us about the scarcity and value of real good exhibition specimens of Barred Rocks, and we then and there resolved to produce this quality for ourselves and for others. How well we have succeeded our show record since then shows, and birds that we send out are winning at many of the best shows.

The cockerel which I bought I named Teddy (the original), and he was the best investment I ever made in the poultry business, although many considered me as a fool at the time. Mated with our best dark females his progeny was exceptionally fine, large and vigorous, combining all the good qualities of both sides with the beautiful deep barring in all sections.

We have not since then had any other cockerel blood worth mentioning in our yards, which now are twelve in number.

There are a few all around fundamental principles which we stick close to in mating which are applicable in both light and dark matings with us. The shape must be good in both males and females. In pullet matings, as well as dark matings, we follow the Standard just as close as possible in this respect: They must all have low combs and good eyes and thick orange legs. The color for the different matings is not so easily chosen from the Standard, so our females in the cockerel matings are darker than Standard color, but they must have distinct snappy barring all through, black and white. We do not want any shading off into brown, and the wing must be distinctly barred clear across. I will not breed a pullet in my cockerel pens with solid colored flight feathers even if she came from generations of prize-winning cockerel yards, and there must not be any overabundance of black feathers, and a cockerel breeding pullet with a solid black streak running full length of the beak we will not use. There may be dark in the beak or shading from orange at the tip to dark at the face, and the young cockerels will in a large degree possess clear beaks at maturity, and we have taken such care in selecting all these years that we are now able to choose almost all these dark pullets for special matings, with as bright orange legs as is found in the pullet line. Mated with this pullet or female the Standard exhibition colored male produces exhibition males for the matings from which we produce our exhibition females. We mate the Standard colored females with a male descended from generations of winning females. He must be large, over Standard weight rather than under, strong orange legs. We do not tolerate a specimen in our yards with either willow white or ashy legs; must have a rich bay eye, and while the color is several shades lighter than Standard, he must be evenly and finely barred in all sections with especially good wings. We try to have each bird on the place, male and female, cockerel or pullet bred, even in the shade of color from head to tail. I will decrease my number of breeders before I will lower the quality. Still there are some things we have to choose between in mating pens, for instance: I would prefer a good low four-point comb of fine texture in the males to a large beefy thumb-marked five-pointed comb. Also I would show a preference to the fine-shaped, fine-barred cockerel with a light eye to the wishy-washy cockerel of good shape with a rich bay eye. Also if choosing between cockerels for cockerel pens, one being finely barred to the skin but a little metallic across kidneys and wing bows, the other with a clear surface but no under barring two or three inches from the skin, I should take the former, all other things being equal. And while we do not like a squatty nor a long-legged cockerel, if compelled to pick from the two would take the short cockerel in case of cockerel breeding, and the rangy cockerel in case of pullet breeding. Our chicks are all marked when hatched, and any time we pick them up we know where they came from, also what different birds they are apt to "nick in" good with in breeding. We cull freely in the fall, both males and females. These are sold to farmers. From those saved we early make selections while they are at range and are later on divided into lots rated as extra choice, choice and good.

We mate up our pens early in the season, and do not find any great difference in using cockerels and hens, cocks and hens or cockerels and pullets. Concerning the fertility of eggs: We think mating early insures fertile eggs, of course with good feed and care. We often see in print that the late cockerels are not good breeders, but a few times I have mated one of these late cockerels, which in the Barred Rocks are often exceptionally fine, with a few females of equal quality, and raised from this mating some of the very choicest specimens.

THE NEW YORK SHOW



THE twenty-first annual exhibition of the New York Poultry, Pigeon and Pet-Stock Association, held at Madison Square Garden, New York, December 28, 1909, to January 1, 1910—The mammoth old garden filled as it never was before—A record breaker in quality and in numbers, and without doubt the grandest and most beautiful and valuable display in the world's history. Reported by H. P. Schwab, Irondequoit, N. Y., Eastern Representative American Poultry Journal.

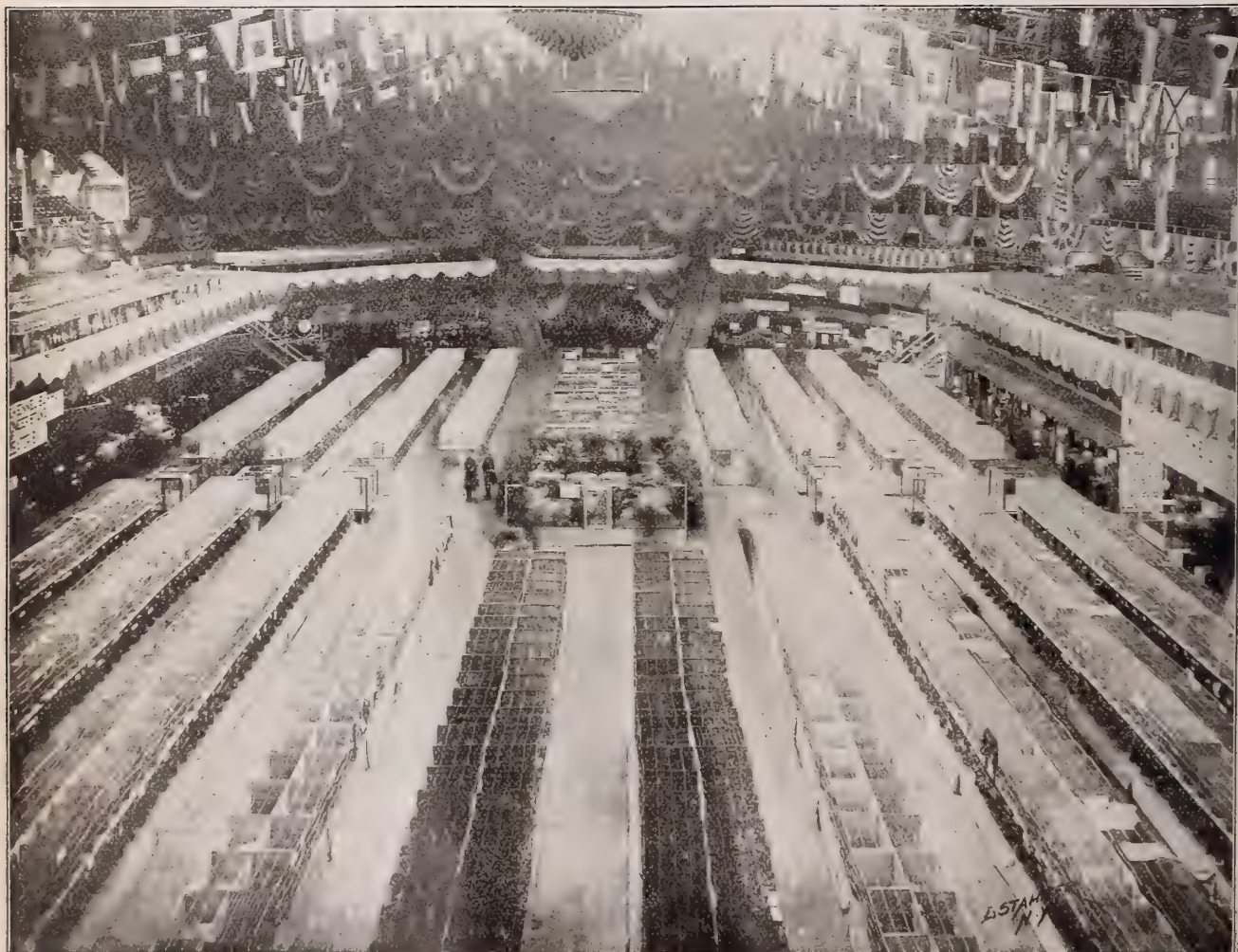
The New York Poultry, Pigeon and Pet-Stock Association is of age. It has held its 21st annual exhibition, and now as we stand beyond its 21st mile stone, and look back over its long path, we find its record clean cut and without a blemish for its entire length. Each show has made its mark and won its place in history as the foremost show of the year. Each show brought added features and enhanced the value of New York awards, that until today their real value to the winners in the leading classes in particular, they have an acknowledged value of thousands upon thousands of dollars.

It has taken just 21 years to make possible the exhibit just held—21 years of hard labor and devoted interests, backed by the loyal support of the breeders of this, the grandest continent the sun has shone on. The New York show has always been national in scope, and each year has

drawn entries from every section of this country, Canada and the Old World. Wherever a choice specimen has been bred, it has found its way to New York, for there and there alone its true value and merit could be tested. What the New York association has done for the standard bred poultry interests can only be vaguely estimated. New York has set the pace, and its exhibits, along with the value of the awards, has done more than any other one thing to benefit the standard interests, and to create the general

interest we find the world over today in poultry. Thousands upon thousands of people visit here yearly whose interests are tied to poultry, and thousands of others come to see, the illustrated lessons they here receive leading them to investigate poultry possibilities further and in this way adding untold numbers to the fancy yearly.

Mr. H. V. Crawford was at his best possible form. No one, to see this man at the show with 10,000 or more cares resting upon him, could believe it unless they knew the man. Every matter in detail has his care, his responsibilities are great, his work far greater. His say is law and his guiding hand is seen and noted in every section and department of this ponderous exhibit. No person can ever say that he has received injustice from Mr. Crawford; he has gathered and schooled his assistants so that when the machinery is once



PARTIAL VIEW OF INTERIOR OF MADISON SQUARE GARDEN, WHERE THE GREAT NEW YORK SHOW WAS HELD.



FIRST PRIZE PEN, CHICAGO 1909
Bred and Owned By F. A. TECKTONIUS
RACINE, WISCONSIN

TYPICAL PEN OF S. C. BUFF LEGHORNS.

set in motion it is bound to run smoothly and with all the force of man. He selects his judges, knows them, gives them his every confidence and backs them to the limit. In these and a thousand other ways his hand and character are seen, and all this is a part of the success he has made. New



W. W. KULP, POTTSTOWN, PA.

York's success and value to the fraternity is the work of Mr. H. V. Crawford.

The 1910 New York show was larger, better displayed, on account of the added space in the gallery, and of better quality as a whole, than ever before. This is but natural to expect when we consider the work the breeders are doing; competition is keen and dozens of breeders in all lines are fighting for supremacy. This warrants a good, healthy condition and assures progress and improvement, to be had in no other way. This year there were 2,958 single entries in the poultry classes, 275 exhibition pens of five birds each (1,375), 1,902 pigeons, 172 entries of pet-stock, 30 display pens, 120 entries fancy water fowls shown in the large tank, 185 cage birds and 223 cats, making a grand total of 7,282 entries.

Newspaper avenue and Incubator circle encircled the garden. All the heart could wish for was to be found here; the poultry press was grandly represented, as were all the incubator manufacturers and makers of poultry appliances. Several new inventions were seen here, and one of the most interesting displays was that of the New York State Poultry Institute, of Ithaca, N. Y.

The Breeders and the Birds.

Barred Rock avenue, as usual, was full of interest, and contained many attractive features. The great record here made by the Grove Hill Poultry Yards was one of the principal features and stands as a record to the ability of Messrs. William Ellery Bright and Arthur C. Smith. Their winnings of first, second and eighth cocks, third hen, first, sixth and seventh cockerel, third pen, specials for champion male, for four best males, for best shaped male, etc., made a record that is as clean cut as it is decisive at this great show. First and second cocks were a great pair, alike as could be and of the very choicest quality in both form and color. First cockerel was shown at his best, with ideal color and beautiful form—a most valuable bird. They also won on S. C. Brown Leghorns, first and second cocks, fifth hen, first and third cockerel and first pen, in a large and hot class. The merit of the Grove Hill line has been established by years of successive wins at the Garden shows, also at Boston, Chicago and the world's fairs.

Mr. A. C. Hawkins again sprang some surprises, and for the most part had them all in the air. His winnings were

fourth and fifth cock; second and fourth cockerel and first special for best cockerel mating pen. He also won specials for best headed male and best wing male, etc. Best headed male was awarded to fourth cock; he carries a wonderful head, with 5-point comb, perfect in form, and has a strong red eye. This whole male line carries extra fine head points. The second cockerel was a corker and only needs a week or two to show him at his best. His sixth pen was a beauty and would have stood much higher had not one of the pullets gone away off on condition. In the special first prize cockerel mating pen Mr. Hawkins has a beauty, with a strong, well-balanced male, and four strong, but clear and sharp, barred females, with most excellent forms and strong red eyes, making a pen of great merit and value.

The eyes of Barred-Rockdom looked with expectancy to Connecticut. C. H. Welles lives at Stratford in that state and the great question was, would the champion of them all, "Fluffy-Ruffles," again come to New York for more honors. Fate willed it otherwise; she moulted late and is still in short feather, so was left at home. Mr. Welles did come and bring some others, for it would hardly seem like the New York show without Charlie Welles as an exhibitor. He has shown there yearly for 15 or more years and we believe he still holds the best single record ever made on Barred Rocks at New York. This year he won seventh cock, fifth hen, third and eighth cockerel, first, fifth and sixth pullet and fourth pen, color special female, etc. First prize pullet bids more than fair to equal the record of her famous grand dam, "Fluffy-Ruffles." Her bar is some narrower as a pullet, and she has the same wonderful shade of color. Mr. Welles has other grand ones, but in her, with all considered, we believe he has again produced a bird that will for all time perpetuate his strain (Welleslea). Third cockerel should make a great breeder; his shape, with strength of color, bids fair for the future.

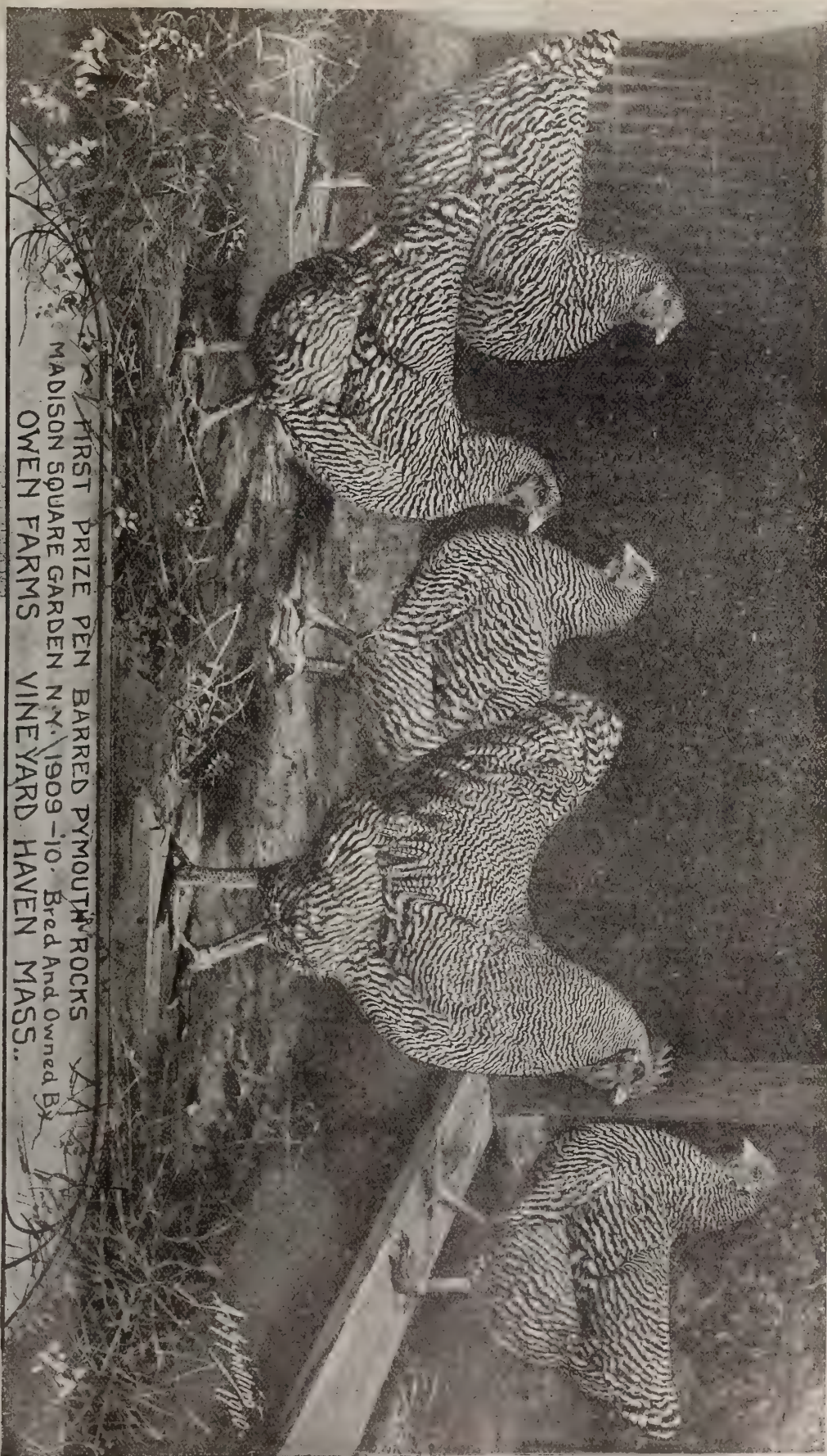
C. H. Latham, Lancaster, Mass., entered 4 hens, 4 pullets and 2 pens. His winnings were first and second hen, second and third pullet and second and fifth pens. Specials for



BARRED ROCK COCKEREL.

One of the Hoyer quality, never exhibited, but in one of his breeding pens this season. Bred and owned by William H. Hoyer, Polo, Ill.

champion female, shape female, etc. The female and pen classes were exceedingly strong, and considering this, Charlie Latham made a great record. His two winning hens were grand birds, shown in most excellent condition. The pullet class was just sizzling, and to win second and third here



FIRST PRIZE PEN BARRED PLYMOUTH ROCKS
MADISON SQUARE GARDEN N.Y. 1909-10. Bred And Owned By
OWEN FARMS VINEYARD HAVEN MASS.

First Prize on Exhibition Pen at New York Show seems to be about the most coveted of all the prizes by the management of Owen Farms. We have heard Mr. Delano, Supt., make this confession, and a glance at the show records will quickly prove to one that Mr. Delano usually gets what he goes after. At New York Show, held recently, Owen Farms, Vineyard Haven, Mass., won first prize pen on all four varieties they breed, which is surely very gratifying to them and must also prove a great deal to those who are producing quality Plymouth Rocks, Wyandottes and Orpingtons. The above study represents a First Prize Exhibition Pen of Barred Plymouth Rocks at the above mentioned show and may be considered faithful portraits of these individuals as they stood before our camera. In color and barring, they were all that could be desired, having plenty of straight-across, clean-cut, contrasty barring. This pen was headed by a very typical and graceful cockerel of fine size. To any who had the pleasure of seeing them, we feel quite sure they will be carried in memory as a grand pen of high class Barred Plymouth Rocks. We considered them good representatives, as one of "Owen Farms Big Four."—A. O. Schilling.

and to have all his pullets considered for place proves their merit. His second prize pen was up close, the 4 females well mated and well barred, the male rather unfinished in tail.

Pine Top Poultry Farm (Mr. John H. Hallock) made a



R. C. R. I. RED.

"Red Cloud" cockerel, first pen and best colored pen, Cincinnati, 1909; first cockerel and best colored male, Wheeling, 1909. Bred and owned by Minnehaha Poultry Farms, Bannock, Ohio.

good exhibit in both their varieties, Barred Plymouth Rocks and S. C. White Leghorns. In Barred Rocks about half their birds were past their best show form and the hens were laying, and several of the others were still in short feather and from two to three weeks late for this show. Their birds show improved quality and had the dates come right a different story would be told. In S. C. White Leghorns they did extra well in this great class, possibly the best ever shown. They won sixth cock, fifth cockerel, fifth and sixth pullet and first exhibition pen in a class of 17 pens. They were also awarded cup for display and special for best pen. Their new catalogue is out and free for the asking.

Mr. C. H. Shaylor, Lee, Mass., another of the old time breeders, came to see the show and incidentally send in a few. They were pretty young; still, we find, they were considered. Mr. Shaylor told us he wanted to compare them in color with the winners. His cockerel has the ear-marks of making a great bird, grand in form and of clean, even color and finely barred.

Jonas Hayner, of Livingston, N. Y., again landed on pullet, winning fourth; also seventh on pen and two specials. Mr. Hayner is rapidly coming, and in particular with his female line. We hope to see more of him and his birds at New York.

George W. Hillson, of Amenia, N. Y., was also there. His was the same general complaint that affected several this season—the birds were not quite ready. Mr. Hilson showed a great cockerel that, when at his best, will make them all step some. His is the Steel-Blue color we have heard so much of but very seldom see, barring very narrow, sharp and clean; this, with a good head, will make him a valuable bird. His seventh pullet when full grown will make a good one; she has a clean cut bar of excellent color.

The Owen Farms, Vineyard Haven, Mass., have made their bow to the Garden critics in Barred Rocks and have come out with much glory, victors even beyond their fondest hopes. Their birds were stalled en route and did not arrive until Tuesday noon, after 60 hours in confined coops, which surely was a handicap on condition. Their winnings are third cock, fourth, sixth and eighth hens, fifth cockerel, eighth pullet and first prize exhibition pen. Special first

prize pen mated to produce pullets. Their fifth cockerel pleased us grandly, only he needs from 3 to 4 weeks to show at his best; his color and barring, as well as his form and all head points, are just about ideal. We had to pass their best hen for having a bruised feather in wing. First pen contained a wonderfully clean, sharp-barred cockerel of grand shape. The four females were grandly matched and of choice color, wings extra fine. Special first pullet mating pen had one of the four best pullet bred males we have ever seen; his mates were all strong breeders of value.

It remained for Owen Farms to make a unique record. They won first prize exhibition pen on each of their varieties as follows: Barred Rocks, White Rocks, White Wyandottes and S. C. Buff Orpingtons. These awards, besides several others in each of the above classes, make a record of great merit. In S. C. White Orpingtons they won first and second cock, first and second hen, first and fifth cockerel, no pen of these shown. Mr. Delano and his assistants did a land office business; their line and their method of doing business is well and favorably known, and is receiving the generous support of an appreciative public.

Mr. E. B. Thompson, Amenia, N. Y., came as a visitor for two days and spent seven-eighths of his time in Barred Rock row. Mr. Thompson did not show his "Ringlets" this year; he has been at it so long and has shown most liberally for several years past that he was entitled to a rest. It is a great job to make an exhibit of from fifty to seventy-five Barred Rocks, he said, and business this year has been so regular and the ever increasing demand for "Ringlets" has kept our entire force on the jump that it was really impossible for me to think of making an exhibit. Mr. Thompson never looked better in his life than now. He made a careful study of every bird shown. We have often seen him stand from ten to twenty minutes before some cage to study quality and character. Mr. Thompson is a careful student, as we have before stated, and it is his knowledge and attention to detail that has made his "Ringlets" famous and his success possible and worthy. Mr. Thompson has lately issued a new catalog that is free to all interested for the asking.

Another most interested visitor was Mr. Victor Bradley, of Bradley Brothers, Lee, Mass. We had the pleasure of



Third prize Barred Rock pullet, Indiana State Fair, 1909. Bred and owned by C. E. Spaugh, Rugby, Ind.

going over the entire class with Mr. Bradley, to our mutual advantage. Mr. Bradley has for years been a contender at the New York shows, and his record of New York winnings date back for nearly twenty years. Bradley Brothers enjoy

a world-wide reputation; their line is favorably known in every section where Barred Rocks grow. Mr. Bradley reported that this had been their best season to date. The demand for exhibition and choice breeding birds has been unusually large and, as Mr. Bradley said, "We have the



What a magnificent head! This is one of the finest heads of a Barred P. Rock male we have ever seen. This is quality. How intelligent he looks and how well he carries himself! This is a representative of the famous "Aristocrat" strain introduced by W. D. Holterman, the fancier, of Ft. Wayne, Ind. Mr. Holterman carries a large ad in this issue with a good cut of a remarkable male. This ad speaks for itself. Look it up and write him. His quality birds will surely help you. We understand that these birds will be offered at very low prices.

stock and quality for all that come." Last spring we paid a visit to the Bradley home, and reported our observations in this paper.

Mr. W. B. Barton, Dalton, Mass., one of our oldest breeders of Barred Plymouth Rocks, was at the show with a few of his birds. He is an early breeder, and most of his birds have already won their share and were past their best form here. This line is of excellent size and shape, with a grand shade of color. Mr. Barton also breeds S. L. Wyandottes and has a New York record on them. He did not show this variety this year.

One of the interesting Barred Rock breeders seen at New York each year is Mr. Haldie Nicholson, Leominster, Mass. His specialty is the cockerel mating line, and within the last few years has bred many winners of note. Last year for the third time he won the Lawson cup at Boston with his first prize cockerel. We just have report of Boston and find that he again wins first cockerel this year. We believe this gives him three successive wins of first cockerel at this great show.

Graystone Poultry Farm, Yonkers, N. Y., Mr. F. H. Davy, manager, made a most excellent record with their White Plymouth Rocks, winning in this one of the great classes of the show first cock, first and fifth hen, first pullet and second, fourth and sixth pen, special for best display, special for best cock, hen, cockerel, pullet and pen, special and championship female, also special for best cock and hen, best shaped and best headed female, etc. This is a sound and hard record for this class and was well earned. The birds were grandly conditioned and properly matched.

Mr. G. D. Tilley, Darien, Conn., fell in line, winning fourth cock, first and fifth cockerel and third pen. First cockerel was the beauty of the class, a really wonderful bird in form

and color as well as in condition. Mr. Tilley had other entries, his display of fancy water fowl in the large tank in the center of the garden attracting much attention. It was the best collection of rare and beautiful birds we have ever seen.

In Buff Plymouth Rocks our old friend John W. Poley, Royersford, Pa., made his usual killing. Some breeders think nothing of going to New York and copping most of the prizes. This has got to be one of Mr. Poley's regular habits and this year was no exception to the rule. In a grand class of birds his winnings this year were: First cock, first and second hen, second cockerel, second and fifth pullet, first and third pen. He was also awarded special for best colored male, shape and color special female, the National Club cup for best cock, hen, cockerel and pullet; special for best display, winning this by more points than his four nearest competitors combined. We believe this is the best record ever made at the Garden show with this variety. When we consider the class and the quality of this exhibit, then we are certain that it is the show record.

Mr. M. J. Corey, Springfield, Mass., made his first appearance at New York as an exhibitor of Buff Rocks. For some years he has won at Boston. This year he tried New York and found the show came early for him, and his birds were not quite ready. The few he did enter had most excellent quality in color and a type and finish that was good to see.

The Rockandotte Farm, Southboro, Mass., Mr. W. R. Graves, proprietor, sold White Rocks for this show and only exhibited a few of their White Wyandottes. The Rocks they sold did exceedingly well, and we only regret that we can't give their winnings in detail. But, as Mr. Graves told us, all credit is due the man who pays and it is not for me to claim what they get and pay for. On White Wyandottes Mr. Graves won in this, the best class ever shown, fourth and fifth cock, fifth hen and fifth cockerel. See description of these birds elsewhere. Mr. Graves was greatly handicapped this year, as the early birds were laying and past their best show form, and the younger ones were not far



WHITE WYANDOTTE COCKEREL.

Winner of first in class and A. P. A. gold medal for the best cockerel in the show. Cut from an unretouched photo. Bred and owned by Ira C. Keller, Prospect, Ohio.

enough along. This line of White Rocks and White Wyandottes have won well for years at New York and Boston. We have handled them for years and are free to say that they improve yearly, with this season no exception. No

strain supports a better reputation, and no breeder more worthy of success.

Mr. Arthur G. Duston, South Framingham, Mass., had an acute attack of rheumatism and could not prepare his birds to show this year. He managed to limp to the show for one day. We could sympathize with Mr. Duston, having the same affliction; we well know what he had to contend with. He was greatly missed at New York, for his entry would have completed the list, with all great breeders in line competing for honors. Mr. Duston was very enthusiastic over trade conditions and the amount and quality of his stock. He assured us that business was in excess of all previous years and that the future promised much.

A new man came to New York in the person of A. J. Fell, West Point, Pa., and won first cock, first hen, sixth cockerel and third pullet on White Wyandottes. This record was made with grand birds properly shown and in the very best of condition. We hope to write up this strain in the near future and to then tell our readers more of it.

Glen H. Burgott (son of the only George H. Burgott, of Lawton Station, N. Y., a judge of fame and breeder of S. C. Brown Leghorns) was also a new exhibitor and landed



FIRST PRIZE COCK MISSOURI STATE FAIR 1909
Special "Best Bird in Show"
J. C. RICKEY CLARENCE MO.

a blue with one of his choice Buff Wyandotte hens, winning third on the other. We handled this line at Buffalo last year, where they were winners of note. More success to you, Glen.

Sunnybrook Farm, West Orange, N. J., Mr. C. D. Cleveland, proprietor, entered only a small string of their Columbian Wyandottes and won third and fourth hen, third pullet and first prize exhibition pen. This we consider an exceptional record for this large and hot class. Their birds do carry excellent form, a feature we like to see above all others, while both neck and wing markings were very good. Their first prize pen was the feature of the entire class. The male was beautiful in form and markings, with a grand Wyandotte head. The females were well matched, sharp and clean in markings and exceptionally good heads.

Tannanbaum Farms, Willoughby, Ohio, sent down a couple of their Columbian Wyandotte pullets to feel out the competition as a starter, and trotted home with first prize pul-

let for their trouble. This sort of a record is seldom made at New York. The pullet was a beauty, with type and excellent neck and wings, grand head and comb. Come again, we want all we can get of that class at New York.

Mr. John S. Martin, Port Dover, Ontario, breeder of the "Regal" White Wyandottes, spent several days at the show making friends and getting a line on America's best Wyandottes. Mr. Martin has shown his stock over here several times and has many notable victories to his credit. For three or four years he has made record wins at the New York State Fair, and his record for years at the "Ontario" is also well known. We had the pleasure of a visit at the Martin home in December, last, and wrote our impressions in our January issue.

Mr. Joseph Russell, of Toronto, Ontario, was another interested White Wyandotte and S. C. Rhode Island Red visitor at the Garden show. Mr. Russell has for some years bred and shown these varieties with unusual success. Nothing but the best satisfies Sir Joseph. On Whites at the late "Ontario" he won first and third cock, second, third and fourth hen and collection special. At Toronto, Christmas week, first, fourth and fifth cock, first, second and sixth hen, fourth, fifth and sixth cockerel, first and second pullet. Mr. Russell represents his district in the house of parliament. He is an enthusiastic fancier and the kind of a man we like to meet.

Mr. Lester Tompkins, Concord, Mass., made nearly a cleanup on S. C. Rhode Island Reds. He is another that has got the winning New York habit. When he does not wear the judge's badge at New York, he enters and gets the ribbons just the same. This year he contented himself with winning first and fifth cock, first, second and fourth hen, first cockerel, third and fourth pullet and first pen. This is just about the Garden record. Quality was unusually strong in all these classes, and this win well deserved.

The Orpington classes were all pretty well filled with the best to be found; in fact, in some of the classes the speed was terrific. William Cook & Sons, Scotch Plains, N. J., entered a full line and won thirteen first prizes and twelve other places and two special cups. This record, like the great elm, stands to be seen, and is a credit to skill and industry. Mr. Cook was a busy man at the show. We now also have a report of his Baltimore winnings, as follows: They won there eleven first prizes, five seconds and two cups for best display of Orpingtons.

Ernest Kellerstrass, Kansas City, Mo., came all the way to New York with a string of his "Crystal" White Orpingtons to compete at this the world's greatest show. No mistake, birds, and particularly white ones coming that distance, are handicapped on condition. Their display attracted much attention, in particular their first prize pullet. She greatly resembles in type his world famous hen "Peggy." She was a dream and good to look at. His complete winnings are fourth and fifth cock, fourth and sixth hen, second and third cockerel, first and third pullet and second and fourth pen. All this from the greatest class ever shown and after a 1,500-mile trip across the country.

Miss Sophia C. Pritchlynn, Washington, D. C., won the S. C. Brown Leghorn second hen, first and third pullet and second pen, showing only in these classes. Miss Pritchlynn is an ardent fancier and has a line of Leghorn females that have size, shape and wonderfully fine backs and neck markings.

Mr. D. W. Young, of Monroe, N. Y., the well known breeder of S. C. White Leghorns, has probably won a few more prizes at some shows of the past, but he has never approached his this year's record when we consider the class and competition at the late New York show. At this writing we haven't a list of the specials he won. His regular winnings were: First, second, fourth and fifth cock, first and fifth hen, first, second, third, fourth and sixth cockerel, fourth pullet and second pen. After seeing this class we did not think a win of this kind possible, but it has been made and all credit belongs to Mr. Young. His birds carry the same grand size and wonderful shape we spoke of so strongly last year. These features, along with most excellent head points and perfect condition, only make possible such records.

Another breeder of S. C. White Leghorns well known to the fancy is Mr. Irving Rice, Cortland, N. Y. We have known Mr. Rice as a breeder and exhibitor for a great many years. He is one of the reliable old guard and has ere this been called to judge the Leghorns at New York. This year he won third pen in the class of seventeen shown. His birds have good size, are white and carry excellent heads. They are always shown well.

Mr. T. A. Faulds, London, Ontario, the well known breeder of Single and Rose Comb Black Minorcas, was a visitor and still carried his "Ontario" smile. We don't blame him.

for this, as his winnings were great there in a fine class. We also presume he kept an eye on his fellow townsman, Dick Oak.

In order to get a mild shot at Dick, we came near overlooking Mr. Hugh A. Rose, of Welland, Ontario. He brought over a line of Silkies and Bantams, and his coops were most liberally decorated with ribbons for his trouble. At the "Ontario" Mr. Rose made a complete record with his Cochins and Bantams..

THE CLASSES AND THE BIRDS.

The Barred Plymouth Rocks.

This class, while not quite as large in numbers as last year, was still the largest class at the show, as usual, with 283 birds shown. Nothing was lacking in quality, and close, fine picking was had in every class. As a rule the birds were shown in excellent condition, and if we were to select the most prominent features for special mention, they would be clean, bright and sharper color and greatly improved head points. We consider that the general improvements are very conspicuous.

Cock, first—Typical in every line, grand head points, strong red eyes, clean yellow legs, well set; a strong, large, vigorous bird; broad, deep and full. He also wins shape special. In color strong, narrow and evenly barred in every section. Breast the best we have seen, undercolor sharp and clean. Second—To describe the first is also to describe this one. They were alike as could be in every way, the same style, shape and quality; a great pair. Third—A bird just to our liking, shape excellent, and hard to improve this fellow in any way; his color of proper shade and free from all sheen; in tail he was not quite finished, and he plainly showed the effects of his long cooping. Fourth—Fails just a mite in type, in surface color and style of barring exquisite, a grand example of the best possible strain of barring. This cock also won the special for best headed male. Fifth—Another good one, close up in quality, fails some on condition. Sixth—A strong cock of shape and color, not at his best condition here. Seventh—A real good one and lacks only in finish of neck and tail. Eighth—Similar, needs two weeks to finish. Other birds considered were Nos. 172, 165, 154, 155 and 147.

Hens, first—A hen of exceptional beauty in both type and color. She also wins the shape special and female championship. Shown at her best she was a great winner. Second—Extra close up; in fact, her shade of color and style of bar probably superior, but she was about week past her best form. Third—An extra fine barred hen, one of the best, but unfinished in neck. Fourth—A hen of rare color and fine shape, a little past her best. Fifth—Grand in shade of color, beautiful breast and wing, but not shown in proper condition. Sixth—A large hen of grand color, fine head and strong eyes. Seventh—A beauty, short feathered, needs two weeks to finish. Eighth—Good shape, extra barred, a half shade dark, should make a grand breeder. Others close up and considered were Nos. 175, 179, 190, 192, 197, 200, 203, 206. No. 182, excepting first and second, one of the best we have seen, but shown with bruised feather in wing.

Cockerels, first—One of the three best males we have ever seen, grand in shape and fully finished; ideal head and strong eyes; breast deep, full, well rounded and beautifully barred. His color is just of the proper shade from head to tip of tail, not an off color or shade to him. Barring narrow and sharp to the skin. He also won special for champion male and color special. Second—Another of wondrous beauty and quality; needs two weeks only to fill out; shape and color of the best, comb fine, eye fair, underbarring extra, with grand wing and barred breast. Third—A strong barred and even colored bird of extra size and beautiful shape; strong red eyes and very good comb and head points. Fourth—A bird of beautiful type, a half shade strong in color, very fine and clean underbarred; will make a great breeder and cock bird. Fifth—A young fellow with every promise for the future; his shade of color and the style of barring excellent, under very fine and clean, shape extra. He pleased us greatly, but is young for here and must have more time. Sixth—Another young one, very finely barred, choice head and the makings of a beauty. Seventh—Close up and a very good one. Eighth—Just past his best; a very clean and a clear barred bird; extra under and fine comb and head. No. 254—A handsome, clean barred bird, close up. No. 252—A beauty in shade of color and barring, tail a mite high and one feather damaged. No. 218—A half shade light, grandly barred.

Pullet, first—Just a mite immature and not fully filled out, but of good size and bone, excellent shape, and the very choicest shade of color and style of barring. She had but the one, and that was the best in color and barring, surface and under, and, if memory serves us correctly, we believe in these respects she even surpasses her famous grand dame,

"Fluffy-Ruffles," as a pullet at New York three years ago. She also won the female color special. Second—A beauty in every way; size, shape, color and barring just about ideal, one showing strong breeding and careful handling. Third—Very close up in every quality, with merit even; both these had grand eyes, good legs and shown at their best. Fourth—Another corker of beautiful type, firm color and grandly barred; also well shown. Fifth—In color and style of barring similar to first, but had wing short feathered; needs three weeks to finish. Sixth—Very clean surface and nicely barred, good size and form. Seventh—Rich in every quality, but a mite immature. Eighth—Another corker, just a little young, good color and bar. This class was full of hot contenders; of forty in the class, twenty-two were considered for places.

Pens, first—Headed by a most beautiful male of even, clear and sharp color, perfectly finished with grand comb, strong eyes, etc. The four females were extra well mated, bright and clean barred, good legs, eyes, etc. This pen was shown strong by its mating, matching and general type of male and the females. Second—A wonderfully fine pen and a close runner to first. The male, while a strong one, was not at his best, lacking in tail finish. The four females were



grand birds, well matched and of even quality. Third—One of the best pens of females we could wish to see. The male failed in shape, while a real beauty in color and barring. Fourth—Male a hot one, but a little young. The four females were well mated and of superior quality, typical and with extra good wings. Fifth—Male a half shade dark, of good type; the females grand in color and type. Sixth—Male a rare good one, but a trifle young to show in pen properly; extra choice females, but one went way off on condition. Seventh—A good pen, well shown, but just past their best; made extra in head points and of good color. Eighth—A rare pen, two of the females laying and past show shape.

Special cockerel mating pen to A. C. Mawkins. Male strong, sharp and clear, barred to the skin, grand comb and eyes, beautiful form. The four females evenly matched, of good size and shape, and extra fine, clear but very strong color; all with good heads and eyes.

Special pullet mating pen to Owen's Farms. Male one of the brightest and cleanest color we have seen; he was line barred and to the skin. The four females here were of excellent type, good, sharp color, extra wings and very nice heads; a very choice and valuable mating.

White Plymouth Rocks.

White Plymouth Rocks were a beautiful quality class of nearly 200 birds. Condition was the prevailing feature here. We believe the first cockerel was the best conditioned white bird we have ever seen. Noted winners of past years were shown here and others that did win were up to the quality of any.

Cock, first—A noted old champion winner of past years, still shown in extra condition, both as to form and color. Second—An extraordinary cock, very close up in every quality, that made hot picking for the judge. In both form and color this is a phenomenal cock bird, one of the rarest of the rare. Third—Good in both type and color. Fourth—Another rare one, grandly shown; this condition and type is bound to tell. Fifth—A good bird in every way, splendidly shown. Sixth—Another beauty; we liked him immensely; think he hardly stood at his best on judging day.

Hens, first—Here another old champion winner takes the blue; she retains her wonderful shape and color. Second—A grand hen, probably a little overdone in washing. Third—A dandy, well shown. Fourth—A very fine hen in shape and color. Fifth—Well shown and nice. Sixth—A beauty, just a little past her best. There were several more extraordinary hens here and the judge surely had a job.

Cockerels, first and fifth—The bright, particular star of the class, ideal in shape, perfect condition, snow white, grand head, strong red eyes, pure yellow legs. He was well broke and stood at his best. One of the best birds we have ever seen at a show. Second—A real beauty, grand in type and snow white color, fine comb, strong eyes, etc. Third—Snow white and of good form. Fourth—Very similar and a good one. Fifth and Sixth—Both choice specimens.

Pullet, first—Grand in color and of good form. Second—Very close up, a beauty well shown. Third—Another corker; she looks extra good to us. The other winners were all good in color and form, with nice heads, etc.

Pens, first—Probably the best pen of White Rocks we have seen, carefully matched, of ideal form and sound color, with strong eyes, legs and beaks. The male stood out strong in every quality, a perfect Adonis, with sharp eyes on the victorious blue ribbon hanging overhead that had gloriously won in the strongest competition and from the fourteen best pens ever shown. Second—A hot pen of females, well mated; male strong type and a good one. Third—Well shown and a close contestor for honors; all birds of splendid type. Fourth—Also close up and in the running in any company. Fifth and sixth were quality pens, as were also several others shown.

Buff Plymouth Rocks.

Were a class of ninety-eight birds, making one of the largest and without doubt the best class of Buffs ever shown at the Garden. Type and head points show marked improvements, and we can well see the reason here in the general and improved interest shown in the Buff Rocks.

Cock, first—Very clean and choice color, grand in form, with good head, eye, etc.; an extraordinary bird from every viewpoint. Second—A grand bird, well shown. Third—Close up, but not at his best show form here. Fourth—A corking good one that we have handled before. Fifth—One of the quality kind, surely a great breeder.

Hens, first—A veritable queen of the class, shown at her best, beautiful in both type and color, or one even shade of sound, pure buff, exquisite head, low comb and strong eye; a hummer. Second—Close up, with every desired quality. Third—Another good one in every respect. Fourth and fifth—Both of grand type and clean, pure color. No. 431, unplaced, looked very good from the outside.

Cockerels, first—Good in type and color, very even, probably excepting tail, which did not appear to match in color so well as some others. Second—Also a real good bird. Third—Grand in color, but not fully developed; good head. Fourth—Probably a little past his best form; a dandy in color. Fifth—Another good one. We considered this class extra strong, and Nos. 455-457, both unplaced, looked extra good to us. No. 466, also unplaced here, but won first at Guelph, we considered one of the best in both color and form that we have seen to date.

Pullets, first—A real beauty in color. Second—Surely gave first a hard run; splendid in both shape and color. Third—Also very nice. Fourth and fifth—Both quality specimens and well shown.

Pens, first—To us this appeared as good a pen as we have ever seen, or have expected to see, of the best quality, grandly matched and of ideal type. Second—Another good pen, well shown. Third—Close up in every quality. Fourth and fifth—Nice goods, with both type and color as the feature.

Partridge Plymouth Rocks—Rather small classes, with quality very fine for this variety.

Silver Penciled Plymouth Rocks—A great class of eighty-four birds, with type a feature. The winners, as a rule, were exceptionally fine birds. First and second cock and first and second cockerel were beautiful in color and markings. First hen a wonder, and first pullet close up. The six pens shown were well mated and completed the best class of this variety we have seen.

Columbian Plymouth Rocks—A class of thirty-six birds shown. Type very fair, showing good improvement, color and markings good. This variety is progressing well and is bound to improve in quality and popularity with time.

Silver Laced Wyandottes.

This grand old beauty variety was represented by a class of sixty-eight birds, that formed one of the best classes we have seen for years.

Cock, first—True Wyandotte type; grand head and comb with beautiful hackle and saddle, sound breast lacing and grand wing bar. Second—Also finely laced breast with good head. Third—Typical and close up. Other winners good.

Hens, first—A perfect dream, type grand, lacing beautiful. Second—Close up, very finely laced. Third—Another hot one and close runner.

Cockerel, first—Extra hackle and saddle, finely marked, good head and grand type. Second and third ran close; both fine laced breasts, etc.

Pullet, first—Openly laced and very clean, good type. Second—Similar, not quite as well done in neck. Third—Grand head and another very good one.

The four pens were well shown, but hardly up to the single class birds.

Golden Wyandottes—A very fine class of thirty-one birds, that were grandly shown and of extra good quality, attracting much attention.

White Wyandottes.

Next to the Barred Plymouth Rocks, the White Wyandottes were the large class in the show, with 266 birds in line. Competition was hot, the classes were all filled with a splendid quality, condition was a feature here and we can well imagine Judge Andrews had his work all cut out for him. This was his first New York appearance, and we believe he did a clever job that gave general satisfaction.

Cock, first—A beautiful Wyandotte type, choice in head and finished to the minute; he also wins shape and color specials. Second—Close up and well placed, has every desirable quality. Third—Another beauty, grandly shown and of the finest type. Fourth—A grand form bird of extra size and head points, back beautiful, tail filled, strong eyes and rare good type. Fifth—Another of rare good quality, with grand back and tail and ideal head, chalk white. No. 654—Another beauty of fine form and snow white.

Hens, first—Splendid in type and snow white, shown just right, good head, comb and eye. Second—A beauty and a close runner for place, back and tail ideal. Third—Surely one of the best, comb and eyes strong, with good back and tail. Fourth—Another hot one in form and color. Fifth—A rare good one, but laying and here loses in condition. Sixth—Very fine and well shown.

Cockerels, first—A very nice one indeed, typical with good head, eyes, comb, etc. Second—Also a beauty and grandly shown. Third—Fine type, good finish. Fourth—A corking good one; he suited us grandly. Fifth—Snow white, pure yellow legs, well set, grand eye and beautiful comb, back and breast ideal; here is a beauty to our mind; the judge surely had picking in this class.

Pullet, first—A neat one, with plenty of shape and color, good head and eyes. Two—Splendid back and breast, tail finished and of our kind, a real model. Third—One other beauty, also with grand back and tail. Fourth—A very neat one, of rare, good quality. Fifth and sixth went to choice birds well shown.

Pens, first—A most magnificent pen of Wyandottes, grandly shown, with every desired quality; the shapes of the backs, as well as the high and even grade of quality, was the feature that attracted attention here. Second—Also a very sweet one, finely matched and grandly shown. Third—Close up, a beautiful pen. Fourth—A stunner; could hardly find a flaw here. Fifth and sixth—Both beauties, grandly shown and well mated. Several other pens here stood out strong in every quality, in our opinion, notably, Nos. 3049, 3050, 3041, 3043. These were all beauties, but there were not ribbons enough for all the hot ones shown at the Garden this year.

Black Wyandottes were rather a small class for this show, while the quality was pretty good, type and heads the best, we thought.

Buff Wyandottes brought out sixty birds, with splendid quality all along down the line. This is the real beauty breed, to our notion. We like to see them, and when shown in New York quality line they stand as beauties unquestioned. The winners were all exceptionally fine birds and each should be described here, but our health would not allow us to devote the time we wish to the show, and some of the classes, we are sorry to say, we had to pass up. We handled first hen. She was a good winner among several strong ones; she has grand type and clean, rich color. We thought the judge did a splendid job here.

Partridge Wyandottes—Thirty-six birds in this class. Here type was well shown, color rich and markings beautiful. It was a very even, high grade of birds, with winners well placed.

Silver Penciled Wyandottes—Eighteen birds shown at this class, with good quality. Both type and color were well done.

Columbian Wyandottes.

Columbian Wyandottes were a grand class of 139 birds. Seven in the single classes and thirteen pens confronted the judge. Type, color and markings averaged very good, as did also head points, making as choice a class as we could wish for at any time or place.

Cock, first—A beauty in color, good head and well shown, with fine wing. Second—Also a choice one of fine shape. Third—Very good, fine markings. Fourth and fifth—Close up and good birds. Nos. 893 and 895 were birds of rare quality, good in both type and color, with extra fine wings.

Hens, first—A rare beauty, one of the best in color and markings we have seen. Second—Good in color. Third and fourth—Very fine hens, good Wyandotte type, with good heads, eyes, etc., with wings and tails also good; several other grand hens shown.

Cockerel, first—Grand in color, with good head. Second—Good type. Third—Good form and of fair color. Fourth and fifth—Both fine birds; several others here with grand type and markings that looked good to us, in particular Nos. 924, 925, 928 and 929 were choice birds, of shape and good heads.

Pullet, first—A beauty in shape; in fact, a model, with choice color and markings, grand wing and tail. Second—A close one, but failed some in markings. Third—A gem in every way, well shown. Fourth and fifth—Both grand birds.

Pens, first—Headed by a magnificent male in both shape and color, hackle, saddle and tail grand. The four females were grandly matched and of the best of color and markings, with proper and uniform shape. Second—Very good in markings and color. Third—Good in individual quality, but not so well mated. Fourth—A grand pen in every way. Fifth—Also good and close up. The pens were a warm proposition all the way through.

Buckeyes—A small entry, good in color.

American Dominiques—Were a fair sized class, with good quality in every bird shown. These old favorites hold their own, and we look for them as now bred along liberal Standard lines to improve in both quality and popular favor, and to see more of them at the future shows. The Dominiques have merit worthy of better attention.

In Anconas, twenty-eight birds were shown, and well shown at that. The average was very high quality in each class. These birds attracted much attention. They have many good qualities and the breeders have every hope for the future.

S. C. Brown Leghorns.

Here was one of the choice classes of the show. Seventy-five S. C. Brown Leghorns faced the judge. Excellent type and a high average of color was the feature here to be noted.

Cocks, first—A grand typical bird of rich color, grand size and extra markings in hackle and saddle, good comb, strong eye, etc. Second—A close runner also of size and shape. Third and fourth—Strong males, well shown.

Hens, first—Grand head and beautiful back; she looked very good to us. Second—Also a beauty, with clean back and good wings, fine shape and grand carriage. Third, fourth and fifth—All hot ones of good type.

Cockerel, first—An ideal in shape and style, rich color, grandly marked and with extra fine head and comb. Second—Good shape, but failed some in his markings. Third—A very warm one, fine in shape, size and markings. Fourth and fifth—Nice clean fellows of good quality.

Pullet, first—Legs a mite weak, but of fair size, shape and color, with back and wings free from all shafting. Second—Good in type, but not as rich in color. Third—A rare beauty of grand color. Fourth, fifth and sixth—All good pullets, with several other fine ones to complete this large and strong class.

Pens, first—A great pen headed by a remarkable male; his rich color, with good size and form, appealed to us strongly. The four females were extra well matched and of the highest quality. Second—Another beauty pen, with a great male and four extra choice females. Third, fourth and fifth—All were good pens of merit.

There were but few Black Leghorns shown. They looked good in form and quality.

R. C. Brown Leghorns.

The R. C. Brown Leghorns made a very pretty class of fifty-three birds. These old favorites are surely doing grand these days. We were particularly pleased to see the improvement being made in size.

Cock, first—Good style, fine head and well marked. Second—Another grand head; here also was size and beautiful shape. Third—A grand colored bird. Fourth—Good size and form. Fifth—Real good color and size.

Hens, first—A real gem, with extra size and form, good color, back and breast extra good. Second—Another real good back and fine wing, with good head. Third—Close up with great color. Fourth and fifth—Both fine specimens.

Cockerels, first—Grand in both shape and color; markings we thought were extra good. Second—Close up, with extra choice markings and color. Third—A beauty, of grand form, well shown. Fourth and fifth—Both well marked and rich in color and very nice type.

Pullets, first—A beauty specimen, with shape, size and color. Second—Good type and nice head. Third—Good in form and color, with extra hackle. Fourth—Good form and well shown. Fifth—Very neat, a good one.

Pens, first—Male of grand size and beautiful color, striping in hackle and saddle very fine. The females well mated and of choice grade. Second—Close up and well shown.

S. C. White Leghorns.

One of the banner classes of the exhibition. Here again the giants of the White Leghorn fancy fought it out for honors. Every class was grandly filled, and we don't see how competition could have been improved. There were 130 single entries and seventeen exhibition pens, making probably the choicest class of this variety ever brought together at any show.

Cocks, first—An exceptionally fine specimen of grand size, shape and snow white plumage; his condition was beautiful, carriage perfect, head and comb fine, neck finely arched and tail full and carried perfectly. Second—Very close up in every particular; failed only a mite on head points. Third—Not of the same style, but of good color. Fourth—Another with beautiful head and grand in style. Fifth—Very similar. Other grand cocks were shown here. Those in particular worthy of mention are Nos. 1580, 1581, 1583, 1592, 1596, 1597. These were all birds of highest merit.

Hens, first—A most beautiful hen and up to last year's standard, good size and shape and extra condition. Second and third—Similar and a fine sized specimen. Fourth and fifth—Both good in style and well shown. Nos. 1606, 1622 and 1623 were three other beauties that must have run up close.

Cockerels, first—A grand, large fellow, with size and form, good head and very fine condition. Second—Close up, shown in wonderful shape. Third—Fine in shape, size and condition; failed a mite in head points. Fourth—Ideal comb and a corking fine cockerel. Fifth—A very strong and beautiful bird; needs two weeks to finish. A great class of cockerels, to say the least; several without mention fit to win with credit at any show.

Pullets, first—Fine yellow legs, snow white and of fine form, with good head; a splendid bird. Second—Very similar, with good head, pointed and choice form. Third—Shown in grand condition, with very good form and nice head points. Fourth—Grand in size and, we thought, very well shown. Fifth—Excellent condition, snow white, pure yellow legs.

Pens, first—An exceedingly fine pen, the cockerel of both size and typical, with beautiful head. The four pullets grandly mated and matched, with good heads and eyes and pure yellow legs. Second—Had four extra choice females, well shown and of good type; male a beauty, that we had seen before enter the ribbon. Third—A handsomely mated pen of rarest quality, well conditioned, good size and good heads. Fourth and fifth—Both good pens, full of quality, as were also several others unmentioned.

R. C. White Leghorn class not very large this year. Some of the old timers absent. The birds looked good and were shown in very fair shape.

S. C. Buff Leghorns.

This was another of the warm classes, with 130 birds competing. They came from the East, South, North and

West. No question but that most of the best ones were shown here. It was a beauty collection, the winners all excellent birds and many of the unplaced birds also shown in winning form.

Cock, first—A beautiful headed bird of exquisite color, very even and uniform, good size and shape. Second—Fair in head points, excellent otherwise. Third—Not as even in color and coarse head. Fourth and fifth—Both good in color and type.

Hens, first—Sound color, good size and head, stands up well. Second—Good form and nice head, color very fair. Third—Grand even color, failed on head points. Fourth and fifth—Of a light shade and not as even in color.

Cockerels, first—Good in shape, with sound color and grand head. Second—Another fine one in type and color. Third—Very good in color. Fourth—Good form and even in color. Fifth—Well shown and of good type.

Pullet, first—A choice specimen of good type, sound color and well shown. Second—Close up in both form and color. Third, fourth and fifth—We thought a half shade dark, all good in form.

Pens, first—A well mated pen in both shape and color.

Cockerels, first—A very large bird of good color and very fair type. Second—Grand head, sound color. Third—A real good one. Fourth—Good in shape and color, with fine head points.

Pullets, first—Excellent head, typical and of grand color, a model and a beauty. Second—Another hot one, with both form and color. Third—Was very well shown. Fourth—Good color. Fifth—A very nice pullet.

Pens, first—A real good, even pen of grand quality, well mated in form and size and headed by a rich, strong male. Second—Very close, we thought, and well mated birds, but not of as good size. Third—To our mind the best pen we have ever seen; the male had one lobe damaged; his shape, size and color were extra choice. The four females of extra size and beautiful form, with grand heads and of the best and soundest color; a beauty pen in every way. Other placed pens very good.

S. C. White Minorcas were only a fair sized class and well shown.

R. C. Black Minorcas were represented by a class of forty-five birds, nine cocks, six hens, twelve cockerels, eight pullets and two pens. In this grand class color was the feature,



A FEW EARLY HATCHED COCKRELS, ON THE KELLERSTRASS FARM - KANSAS CITY, MO. ORIGINATORS OF THE "CRYSTAL" WHITE ORPINGTONS

Second—Grand male here; females not so well mated. Third—Good quality goods. Fourth and fifth—Rather uneven, though of good quality.

R. C. Buff Leghorns—Quite small classes shown. Size and color not near as good as is found in the S. C. class.

S. C. Black Minorcas.

One of the largest and best classes ever seen at the Garden. High grade show quality was the particular feature all down the row. There were many bright particular features to be seen in this class. That which attracted most attention was the third prize pen. We have never seen better shape, color or size females than the four here. Headed by a beauty cock, also of grand size, shape and color, appeared to us just about right in every way. Why they should lose first and only land third is beyond us to answer.

Cock, first—Grand in size, good form, with very nice head and rich color. Second—Good shape and station and very fine color. Third—Close up and a very good one. Fourth—Fine in color. Fifth—Good type and color.

Hens, first—Extra in both shape and size and choice in color. Second—Good color and fair shape. Third—Failed in head points, good body and color. Fourth and fifth—Both very choice hens.

very closely followed by head points, type and size. The winning males, and in particular the first cock and the first and second cockerels, were grandly shown, well finished and of a superior quality. The same can also well be said of the winning females. It was a real hot class, with the winners well placed.

Blue Andalusians counted just forty-five birds, a very good showing indeed. This variety is doing splendidly and is being improved year by year. Whether or not they will ever become popular favorites remains to be seen. They certainly have quality and lay the handsomest egg produced, and plenty of them, too.

On account of our affliction (rheumatism) we were handicapped in getting over the entire show as we had planned. We had the promise of an expert to send us notes on these classes, and to this time they have not arrived. We hope to give these classes in our next issue, as they are too important to pass up or to do them only half right. So we trust our readers will bear with us for this time. Other varieties not mentioned here were also given some others to do, and we trust they will appear in this issue.

H. P. Schwab.

(New York Show Report continued on page 216)

WHO'S WHO IN HENDOM



L 5

I 'VE been feeling pretty well all day, thanks to an order for a dozen of my cull cockerels, so I am going to head back East, or down East, or up East, anyway to get there, and continue my pilgrimage which I started last month. You will remember that I was hoofing it East as fast as I could do the hike when I ran squarely into the state of O-hi-o. I escaped the "bunch" there, and now am in the center of that state of states, the Empire state, looking up the Who's Whoites who will not take our matter too much to heart.

Omar, the pote, was a great guy. I have come to this conclusion after some hours spent in poring over his Rubaiyat and in trying to get the full meaning from the third quantrain, which refers to the fanciers of the state of New York:

And, as the Cock crew, those who stood before
The Tavern shouted: "Open then the door!
You know how little while we have to stay,
And, once departed, may return no more."

Quite appropriate, is it not, for those merry New Yorkers? Getting in as the cock crows (not insinuating in the least), shouting as though the Giants were eating up the Cubs, pounding on the door of the Ashland House, the Waldorf-Castoria, or the Castor House, waking up 3,000 tired sleepers who have spent a trying day over at the Garden show, each one trying to get that tenner of H. V. Crawford's for finding evidences of cannibalism—I mean faking—threatening that if they go home they may never come back—all this comes to mind when we read the quantrain that Omar wrote during the first quarter of the twelfth century. Omar had foresight something wonderful, didn't he?

Yes, a fellow might just as well begin right there in little old New York, calloused, dirty, unfriendly, open-armed, hostile, endeared in song and story, many-sided as a woman. New York is some town when the chicken fanciers get down there once a year. At least that is what they say when they get home. The town just lays there, dead like, the whole year through, simply to be on the job when the poultrymen go down there again. Kind of her, isn't it?

Up-state everything is on the hum a month or two before the show. Chicken men never have time to blow their bugles before the Garden show, they being so busy that they only have time to blow their supper coffee cool before it is time to get up in the morning. Then when they get down to the show they are so busy that they meet themselves at bedtime just going out to pail the cow. These are facts, cold rolled and chilled.

Every York state man who knows chickens from Charlotte Russe a la Windheim fully believes that the lays that are most important are the lays of Old Speckle. She is the original shell game. They get there first in the scramble and are eggstremely profitable. New England may be the cradle of the fancy, but the Empire state rocks the cradle. If you do not believe this all you have to do is to take notice that New York had the cradle tipped up pretty well, at least during the last New York show! Of course, every fancier in the state was down there at the time, so something had to tip.

Get the chicken men of that state away from it at any time and the dear commonwealth would shrivel up. They would make a state all to themselves if they settled down in some other section. They are a great bunch. I heard a man say at the New York show just over, that little winter Garden party of hen cranks presided over by H. V., that a fancier was a man who photographed a bird, used the photograph in business and saved the bird for himself; a poultry expert photographs the bird twice and uses both of them in selling more eggs for hatching; that it took a New York fancier to photograph a photo and then use a half-tone of it as stock in trade.

Well, let us go up-state, the din of Broadway drives me daft. Pine Top Farm, Hartwood, has been making a deal of noise

with its winnings at the Garden, and well they may, owing to their great Barred Rocks and White Leghorns. Almendinger and his Rose Comb Buff Leghorns are holding out at Buffalo, winners at the big shows. Over at Niverville is J. F. Van Alstyne, breeder of Silver Wyandottes as well as Columbians, and the Schwabs do business still at Irondequoit. At Gouverneur the Harvester strain of White Leghorns is bred by our friend Leggett. Geo. Hillson continues to hover round about Amenias, that little burg in Dutchess county where the chief employment is growing Barred Rocks, the industry started by E. B. Thompson, the Ringlet man.

Geo. Barrows, of The Maples, Groton, is another of the state's great number of White Leghorn fanciers, and he is breeding some excellent stuff. Reds are championed by S. Banford, at Heuvelton; Geo. W. Hey is breeding the Northup Minorcas in all their purity at the old stand in Raceville. Wild Goose Farm, out on Long Island, is always in the winnings and up to the front in the best Bantams and pigeons of all varieties. L. Rutherford over there at Watertown, the old stamping ground of Harry Lamon, is the life of the fancy in his section.

At Elmira the Philo Institute is all the talk, and has created a deal of that commodity in many other states. Temple and Merriman, at Gouverneur, are White Rockists of more than the average enthusiasm. Greystone White Rocks, the sort that smothered the boys a bit at the last Garden show, are bred at Yonkers. Philip Hanlon, Buff Leghorn breeder extraordinary, also calls Watertown his home. Moore Brothers, more White Leghorn fanciers and breeders of good stock, dwell at Moscow.

D. W. Young, another of the White Leghorn breeders who goes down to the Garden every year with the winning sort, makes Monroe his postoffice address, and from the many who make pilgrimages there to see his stock and place orders it must be a pleasant place. Harry Lamon, at Adams Center, is originating some little beauties in Rose and Single Comb Buff Bantams. These will be valuable additions to the Bantam contingent.

And so it goes. Here and there, scattered all over the state, little hamlets that would never have been on the map if it were not for the chicken fanciers who reside there. They tell me that sooner or later the New York fanciers are going to have a state appropriation for a big show to be held by the state poultry association. This will be a good thing. Their state fair poultry department goes to prove that the boys can get out a great exhibit when they have something to work for, and the patience with which the poultrymen have worked and placed the state in the front ranks of the fancy is deserving of still greater recognition.

At Buffalo the fanciers are so alive that they cannot see the enthusiasm indulged in by the other associations, but the fanciers from all over the state are working throughout the year to help make the Buffalo show the one great international event, so they cannot be blamed. Buffalo really holds a great show. It is a corking good one. No one can successfully deny this. They do things every day and all the night. Competing shows with this international event are about like the old bachelor who thought nothing in the world could induce him to enter the bonds of wedlock, but was finally caught by a red-haired grass-widow of half past thirty, when he knew that he was in reality a pudding and a squeezed lemon.

Did you ever stop a moment and take into consideration the amount of money that New York gathers in to herself as a chicken state? Something fierce, isn't it? When they go to the shows it takes an express car to get the money home. This is a capital offense. One young boy said to another, a neighbor: "Say, George, why in the world did your father take offense at what my father said about his chickens?"

"I suppose the gate was nailed down," replied the other. This is just it. You simply have to nail it down or they will get it, and then some of the fellows carry jimnies to pry things up with. And when they get the money home they bore

holes through it and spike it down tight. That is one thing that makes the state so wealthy. It has been said that all that was necessary to get into a good paying chicken business was to settle in the state and advertise, as the fanciers had made such a great reputation for New York bred chickens that business would gravitate to you surely, just the same as quick-silver runs down hill.

During the winter the amount of money that goes into the state for good chickens is something wonderful. There is good profit in growing chickens of the kind those New York fellows do. They are all winners. If they didn't win the attention of the entire Red world last August, at Niagara, what did they win, pray? They are all for a clean slate, back there. They pay you to show them the evil of their ways. See New York show catalog.

In some parts of the state they have a chicken house protective league, and this organization has succeeded in changing the crow of the rooster into a whistle. When the door of the hen houses opens during the night the roosters whistle for the watch dogs, and the burglars find themselves burgled, for they are spirited away to Sing Sing on the Rhine, where the Wiesburger flows. Fine scheme! When it comes to changing to suit themselves these people are right there.

Well, we leave the New Yorkers to their fate. They are optimists and Fate will be kind to them. On any and every occasion they look on the bright side. This is good policy. Sunshine is death to microbes in the chicken houses, and optimism is death to gloom. And while things look bright I will shut off the steam, trying not to stop on dead center, to the end that I may get back next month.

"And Charlotte looked up at him with large, deep brown, soulful eyes as he pressed her once more near his heart. 'Dear,' she said, 'can I always come to you in trouble?' And as darkness closed about them the plaintive nightingale nightingaled in the distant woods, and all was still, and the evening zephyrs floated on and on, and Reginald answered, 'Sure, Mike.'"

WHITE ORPINGTONS DOWN-TO-DATE

The Kellerstrass Strain and What It Is—Truth in the Name of Strain—What This Strain Stands For.

Written for American Poultry Journal by Amos Burhans, Waterville, Minn.

THERE has been a statement made recently in some of the articles from the pens of writers on poultry topics to the effect that there is nothing in the word strain as it applies to the breeding of purebred fowls. This is more such declaration means that the writer is doing it because he has not investigated the topic thoroughly or has paid no attention in the various flocks that have come under his notice to the peculiarities that constantly crop out in the birds, which certainly come from a strain, a line of blood bred within itself.

There is a breeder of very high class females of a certain or less erroneous. To come out flat-footedly and make any variety that are mostly of a great width of feather, especially in their backs. The flock was founded from two sisters that resembled their dam in this characteristic. Is this flock a

strain? It is. It will continue to be a strain until the birds will not breed in it with their characteristic breadth of feather in the back sections.

Another breeder of a line of superb exhibition males has really succeeded in making a flock of true breeding characteristics insofar that they are exceptionally well combed, free from side sprigs and thumb-marks, have perfect colored eyes (last season's flock not having a single off-colored eye in it) and exceptional color in wings. Are they from a strain of blood? They are. He has worked for fourteen years to get where he is now in a breeding way, and he is entitled to call his flock a strain. Males from his flock have been mated to cold-blooded females out on the range and have reproduced themselves clearly enough in their male chicks. Strain? Yes.

So let us not get the idea that talk of a strain is all rot. There is truth in it. Many hundred breeders all over the country have never gone outside of their own flocks for blood from season to season, and if they have so far perfected their flocks that they cannot go outside them for fear that they will ruin the work they have already done then they have built up strains.

But let us get down to the matter that mostly concerns this article: That there is a strain of White Orpingtons known as the Kellerstrass strain, one that reproduces itself in its beauty and utility features and that has not disappointed those who have placed dependence in it. We all well know what the White Orpingtons were in the yards of fanciers and in the show room before they were taken up by Mr. Ernest Kellerstrass, and he gave his strain of them to the American public. The writer well remembers when the White Orpingtons were a narrow and flat-chested bird of legs and body length, rather than the grand specimens seen today. Most any old cull that had white legs and beak could be sold for a long price. And we are speaking right near the truth when we say that a good many of the culls were sold, much to the detriment of the breed.

This practice has been the ruination of many a bird that has been given to the American fancy. When the stock sent from a breeder's yards does not measure up to the standard that enthusiasts have set for the variety a buyer is always disappointed. The first impression of a fowl either makes it or breaks it with that particular fancier. He either falls in love with them or dislikes them at once. And taking this into consideration does it not behoove a breeder to send out the best he can spare only if he is going to do the best he can for a new fowl just starting on its run for popularity?

But today, through the medium of good illustrations that are appearing in all the poultry journals, the public is well educated in the type that goes to make up the first-class White Orpington. Of course there is a lot of information that may be gleaned from the best exhibits in the show room. But the point is that we as a poultry public are demanding something more than mere name, we want a bird that comes up to its name and fits in general the standard described for it.

When Mr. Kellerstrass began sending out the superb line of stock bred from the strain he had worked on so long to perfect it made other breeders set a new standard. There can be no doubt about this. Better White Orpingtons have been seen throughout the country since the Kellerstrass strain has been the standard by which the variety is judged than formerly. Every fancier who has been much in the show rooms of the country will bear me out in this statement.

The reasons that make the Kellerstrass strain of White Orpingtons premier among the variety are many, principal



The house and barn on Riverdale Farm, owned by H. W. Habach, who produces White Rocks that win everywhere. Write for his catalogue. Address Box A, Watford, Wis.

of which is that the foundation for the Kellerstrass flocks was laid deep in the best blood of the world. Nothing that was good was passed over when this gentleman-breeder was selecting of the choicest specimens to put into the base of his breeding operations. This was years ago. Today we can all see where such a policy was the best to pursue. And in the present day breeding operations we have personally seen on the farm where these superb White Orpingtons are bred that they are being selected with as much care as when the flock was in the making.

Let us take the line of males in the Kellerstrass strain under consideration first: They have Orpington character stamped on them, which is the prime essential. It used to be years ago that another variety of this breed was the one most generally referred to when true Orpington type was spoken of, but today we have the position taken by the Kellerstrass strain of Whites, for they are referred to everywhere as being the bird of Orpington curves and breadth and sizes. Next, the Kellerstrass strain of males have the fullness of plumage (softness of it, too), that goes to fill out the body lines. It might well be said that this has much to do with the Orpington profile that all breeders are trying so hard to perfect. Then this strain is white in color. They are bred white and given every advantage to stay white, such as shade, correct feeding, and not being driven to take the elements which lead to brassiness or straw-color in hackle, back and saddle—top-color, as the English call it.

Pick up a bird at the head of one of the Kellerstrass matings and dig down into his back and you will find white shafting. They are bred that way. Spread his wing, turn it over and look well into the quill of the primaries and there you will find a whiteness that other breeders have been working for for years. This is a characteristic of the flock that may truly be called a strain, the Kellerstrass strain. Take the same bird in hand again and peer into his main tail feathers, going down to their roots. There you will find whiteness reigning again. I know what I am saying when I make the statement that no breeder in the country takes more time and puts more patience into his matings than Mr. Kellerstrass. He knows all the little details that go to make up success. He understands thoroughly that half of the pen is in the male at the head of it, so he chooses accordingly.

The way a male stands on his feet, the manner in which he carries himself, his activity and temperament, are not always taken into full consideration by breeders who think they are mating up their pens, but on the Kellerstrass farm these little details that many would pass over are given attention in particular. A glance through this season's matings on the Kellerstrass farm would further convince you that the males of this strain are being bred with good head points. This is a serious point with all Orpington breeders. Combs of great size are not to be desired. A superfluous number of serrations are always attendant upon the larger sized combs, and these tend more or less to side sprigs. Heavy combs mean thumb-marks. We believe we are getting near facts when we say that no strain is attaining greater success in eradicating these objectionable features of the head points than this one.

Now let us see what the females of the Kellerstrass strain are being bred to. They, too, are true Orpingtons in their size and shape and characteristics. Do you not recall the thirty hens that have been written of so much during the past fall

and this winter? Those big, blocky hens of such excellent type, color, head points, and showing themselves to be the best thirty hens of the variety in existence?

These hens were exhibited at the American Royal poultry show and created more interest than any display that we ever saw. They weighed a trifle less than 300 pounds—to be exact, 297. Did they show their breeding? They did. It was plainly to be seen that they were not the result of haphazard mating and rearing. In head points as well as in other sections and as a whole they were representative of the Kellerstrass strain. Clean cut in comb, neat Orpington beaks, perfect colored eyes, red lobes in all heads, that showed them to be the excellent layers that they are and at the top in show quality.

In body shape these thirty hens were exceptional. Broad, of the right length, deep, set on stout thighs and shanks, shoulders well carried, keels of good length, their shape of backs extra fine, and tails set on at the true Orpington angle. In the breeding pens of this farm this season there are to be found just as high quality females as these thirty. They are specially selected with a view of strengthening the type that this strain has come to the front on. Their equal cannot be found in bone and substance that it requires to make a top quality breeding female.

There is a strain of White Orpingtons which breeders are finding that it pays to put in their yards; they have found that the demand for it is greater than the supply, and this strain is the Kellerstrass strain. It is recognized everywhere as the standard by which other strains are judged. White Orpington stock is difficult to secure of the pure blood of this strain, and we are not wrong in making the assertion that it will be, for some years to come. No fowl has made good quicker with the American public than the White Orpingtons.

The Kellerstrass farm is shipping birds 'round the world. It is true that the sun never sets on them. They are being spread into remote corners of the world, where we have never before heard that pure-bred fowls were shipped. It is but necessary to look over the order books of this farm to bear me out in the wording of the foregoing sentences. And let me add that as famous as this strain is, nothing would have made them so unless it were pure merit.

The annual mating list of this farm is ready for distribution. It is full of meat for all Orpington breeders and breeders of Whites in particular. There are new half-tones of Kellerstrass strain White Orpingtons which will be good models for fanciers to follow. Breeders of other varieties of Orpingtons are falling into line by adding the Whites to their yards. They see the demand for them. They know what the poultry public demands in a good utility bird, and having found that the White Orpington fills all the requirements they are taking it up, assured of a great and steady call for this prince of fanciers' fowls and peer of all utility birds.

In starting in the poultry business, start right; start in the new way. Don't try to hatch and rear a large number of chicks with hens. Get an up-to-date incubator and brooder. These, with good, proper care and attention, mean success.

The egg season is almost here. Have you got your pens properly mated? This is important, as on this depends your success or failure in the show room next season.



Breeding house and yards of H. W. Halbach, Waterford, Wis., the famous breeder of winning White Rocks. The alfalfa in these yards furnishes green food, which is essential to producing the fertile eggs.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to A. T. H. Fortesque, Chatham, Ont., and the second prize to Percy H. Whitney, Atlanta, Ga.

ARE YOU READY?

The Preparing and Running of an Incubator—Caring for Chicks When Hatched.

Getting Ready.

It is none too early to be getting ready for hatching chickens, especially if you have a good warm brooding place.

In this part of my article I would like to give a few pointers on the setting up of an incubator.

It is essential to have the machine level, and it must be clean. Water, soap and "elbow grease" should not be spared. Some disinfectant in the water will make things smell sweet. After it is clean get the lamp going to hurry up the drying.

Look up the manufacturer's instructions as to setting the regulator. One good plan is to place the thermometer on the tray where the eggs are to be placed and have the regulator commence to raise (blow up) when the thermometer registers 100 degrees. By setting the regulator so you will find that for the first twenty-four hours after the eggs are placed in the machine the thermometer will not go up to above the 100 mark, and for the first few days will not register above 101. It is best, in my opinion, to start the hatch slowly. Then as the eggs warm through and the germ starts into life the thermometer will gradually, or should, rise to say 102½, which degree I have found the most satisfactory to bring best results.

I would advise that in order to regulate an incubator properly it is best to run the machine empty for a few days; better still, as long as it is necessary to prove that the regulator works right. During the test, when you think matters seem to be going well, blow out the lamp, let the machine cool off, then start it again and note if still the regulator is true. After a few trials and you think everything is not as it should be advise the makers, who will no doubt fix matters up for you. For my part I have found this expedient not often necessary, nor will you if you have one of the many reliable machines on the market. By no means go in for a "cheap, cheap" machine if you wish for success and want to stay in the business.

Where shall we place our incubators? is a question often asked and answered in many ways. In hatching chickens people have been successful with totally different ways. For my part I believe every house can accommodate an incubator. There is always a room where the temperature wont jump to extremes. As to noise affecting hatch, you will hear many say that perfect quietness is necessary. Now I will just tell you one little experiment on this point that came under my personal observation. The machine under notice was a 120-capacity one, and it was placed in a room where a gasoline engine and other machinery was running almost every day. The room was never cold, but sometimes pretty hot and "smelly." Out of the 110 eggs placed in the machine some twenty were found to be either infertile or weak-germed, so discarded. And out of these ninety eggs left eighty-three of the finest chicks were hatched. So you see, in this instance anyway, noise was not found detrimental to successful hatching. Some advise the

cellar as an ideal place to run an incubator. I have no doubt it is, but here it is well to say that the cellar must be free from dampness so often found in the general run of cellars. Last spring I had the occasional overlooking of a gentleman's incubators who had his three machines set up in his parlor. He had most excellent results. Now my own incubating house is some 25x18 feet and set up on posts and with many windows. This building has proved extremely satisfactory, so you see a dark, quiet cellar is not absolutely necessary for good results. For my part I believe any room will answer well where the temperature is what one might call "comfortable," and free from draughts.

It is well to do all you have to do before placing in the eggs, then if you give the incubator the same chance as the old clucker you are likely to have good success.

How to Run an Incubator.

Now, before I go any further, I would wish to emphasize the advisability of getting good eggs, eggs from the best stock. If buying eggs, get them from a breeder who is in a position to give you the right goods, yet at a reasonable price. Better, at once, look up the good offers displayed in the advertising pages.

Having got your machine into good running order you will then be placing in the eggs. Now this is how I would advise you to proceed. Take a lead pencil and put say a cross (x) on every egg. Place the eggs in a tray, putting the mark on top and well in the middle. See that the ventilator is open. For the first two days there will be nothing for you to do except occasionally to look to see that the temperature is right. Of course the lamp will require attention both morning and night. Better make it a practice of filling it with oil every night. Trim the wick both morning and night. On the third day open up the incubator door and take out the tray or trays of eggs and let them cool. Shut the door immediately. I take it the temperature of the room is comfortably warm. Then place your hand, after a while, on the eggs, and when you find them becoming a little cold, turn them by hand, one by one, putting the mark under and white side on top. By following this method it will insure every egg being turned. Some people commence turning the eggs as soon as taken from the machine, but the reason why I advise letting them cool first is that I find that the eggs that come out of a temperature of 102 degrees need but a very little shake to mix the white with the yolk, and this, after a few days, would mean a rotten egg. If you will take the trouble and watch a hen you will see that it is when she returns to the nest that she commences moving the eggs around. We might as well do the same. The cooling allows the white and yolk to become firm, and by turning gently by hand, which, to my opinion, is "the only way" to insure strong, vigorous chicks. At night again, about 8 o'clock, turn the eggs again after cooled, this time bringing the cross on top, thereby insuring a complete turning without doubts, and a safe one, too.

Continue this method every day, and on the fifth day, at night, test the eggs. With every machine a tester is, or should be, supplied. If fertile you will notice some veins. An egg with a somewhat decided black spot within a sort of a circle means more probably a rotten egg. It might be a poorly fertilized egg or one that has become stale after being laid in one position too long before hatching. Anyway they will not hatch, so take them away. A decidedly rotten egg it will be no trouble to distinguish by the very dark appearance.

The most important point with the embryo chick is to breathe good, pure air. If you leave an egg that gives off a bad odor you are simply killing the other good ones, or at least weakening them somewhat by breathing the poisonous air. Having tested them place the eggs back in the tray with the cross showing on top.

From now on to the fifteenth day the eggs should be turned both morning and night. If you have a large 200-machine with two trays you will get better success if you change the position of the trays every time you take them out. The eggs that pass the night in the front of the machine should be put back by turning the tray end for end, and the tray that remains

the night nearest the lamp should be changed to the other end of the machine and the other one brought into its place.

After the seventh day every night, after the eggs are cooled, take one here and there and test them to see the air cell. If the air cell seems too large the ventilator must be closed a little; if too small open it up a little.

On the tenth day it would be well to go over the eggs again, testing each one to see that no rotten ones have been overlooked. Do ditto on the fifteenth day. If in doubt as to any being rotten test them with your nose, but failing to detect any bad odor let them remain. On the sixteenth, seventeenth and eighteenth day cool and turn the eggs, as usual testing the air cell at night and continue until you hear them chirp or commence to pip the shell.

If the chicks don't commence to pip on the nineteenth day, don't get anxious, but keep turning and cooling.

As soon as the chicks commence to hatch take out the thermometer. By this time you will know just how your temperature is by the position of the regulator.

If you have run your machine well you will not need any moisture, without the climate is exceptionally dry, but if you really think it is needed I would advise you to take a bucket of warm water and soak a cloth or piece of flannel in the water, place on the eggs and let it remain some five minutes. That should do the trick all right. This should be done on the eighteenth day.

Brooding and Feeding.

Leave the chicks in the incubator for a couple of days or so with the temperature at about the same pitch as before. This will give about 90 degrees in the nursery. Then they should be placed in the brooder. On the floor scatter some fine grit and oyster shell and give water. Better place a bag or piece of flannel on the floor under the hover. A thermometer is not absolutely necessary for a brooder if you note the chicks' actions. If the chicks play around that means they are comfortable; if they crowd where the heat comes from you will know they are cold, so turn up the lamp. After they have had plenty of grit you might give them some rolled oats that have been rubbed fine between the palms of your hands, and if you wish one hard boiled egg chopped fine to say every twenty-five chicks. One meal will suffice for the first day. The next day repeat the dose, giving three meals. After a week take out the bag or flannel and scatter chopped straw all over the floor. In this scatter grain—cracked wheat and corn, hulled or rolled oats and a little millet seed. After a couple of weeks some meat and green food may be given.

Do not allow the chicks out of the brooder for the first two weeks. They will by that time have got used to the hover and will know where to go when they feel cold.

A Few Points.

From third or fourth day the temperature of egg chamber should be kept at or near the 102½ mark.

Don't open the machine oftener than is required.

Attend to lamp regularly.

Set a time for turning the eggs and stick to those times.

Don't get anxious.

If temperature should either rise or fall a trifle it does not necessarily mean that the hatch is ruined.

If buying eggs from a distance let them lie for twelve hours before placing in machine.

Chatham, Ont.

A. F. H. Fortescue.

SOLVING THE PROBLEMS.

IT is a highly ridiculous proposition that a man who can find a certain market for his writings on sport subjects should make a wild and uncertain attempt to win a \$3 prize for the best effort in the line of poultry literature, especially as his knowledge of poultry has been acquired in something less than six months. However, he has recently met most of the problems that must be solved at one time or another by the raw beginner at poultry raising, and he believes he has hit on a scheme for getting the most information in the shortest time and at the most reasonable cost.

Before he bought his trio of Rhode Island Reds, along back in the days while his yard was being fenced in, he bought six or eight books on poultry raising. He got most of them in combination offers, taking a magazine for good measure. Most of the books were on the same general subject—poultry raising.

Now it might seem foolish to buy eight books on the same subject. And it would have been if they had all been written by the same man, but they weren't and in consequence he had the views of eight different men on every problem that faced him.

But he did not try to read them all through, one at a time—and now we are coming to the important part. He read in each book the part bearing on the subject that was at that time perplexing him.

Before ever the chickens came it was a question of a chicken house. So he read all eight books on the subject of houses. Now no one of the eight gave him just the house he wanted (and a lot he knew about it, of course). But anyhow he combined houses from two books, built along the lines suggested, and got a house that suited—both himself and the fowls.

By the time the house was built and the money sent off for the Reds the subject of feeding was taken up, all that each book had to say being read. It was put in a peculiarly lucid fashion in one book, and the chicks have since been fed according to those directions.

A spasm of laying by both hens was followed by a desire to set by one of them, whereupon there was a hurry call for the books and all available literature on the subject of a setting hen was absorbed.

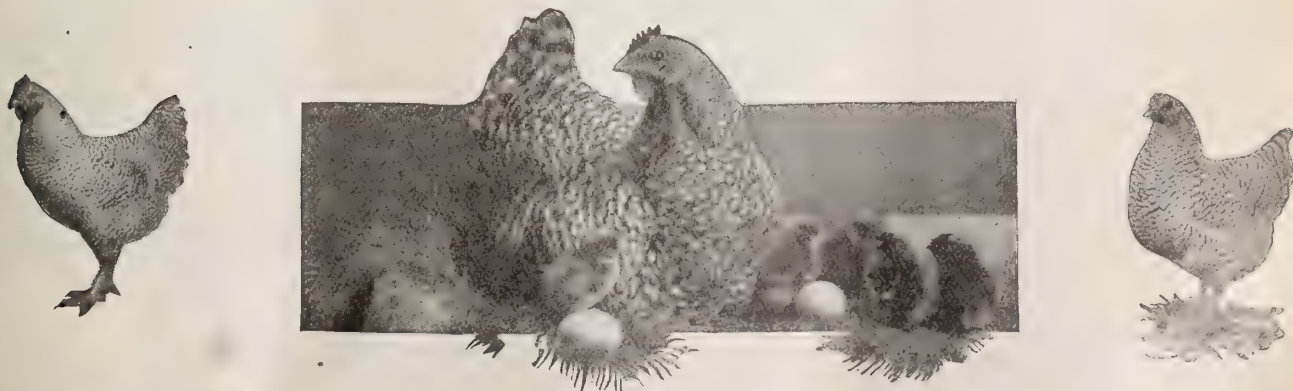
All of this is very simple, of course. But the big point is this, by having a half dozen books or so, a person is not tempted to read all through any one at a sitting. Instead he reads from all books on the one subject before him. He can therefore consider the problems that come up in the light of the information gleaned within a couple of days, instead of wallowing through his memory for a fact stuck in there weeks or months before.

The cost of all this information is marvellously small. The whole outlay was hardly what was paid for one hen. And in consequence of the combination offers a half dozen good magazines come to the house each month—more than are needed, of course, but by the time the subscriptions expire the writer of this highly important addition to the information of chicken raising will know the two or three he wants to take regularly and will act accordingly.

And now in closing here goes for the pith of this scheme once again: If you are an absolute tyro at chicken raising buy three to six good books on the subject, and as the problems arise meet them by reading up the subject at hand in each one of the six. You will have to be particularly bone-headed to go wrong in the face of all that good advice.

Atlanta, Ga.

Percy H. Whitney.



EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for February, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the February, 1910, issue.

J. G. BUDDE,
Subscribed and sworn to before me this 21st day of January, 1910.
[Seal.] Harry E. Wright,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

The Optimistic Poultryman

Once there was a chicken man who was a cheerful fellow all the time. No matter how much the judges soaked it to him, he would bob up as serenely as ever and say that he would do better next time. The man was so optimistic in all that he said and did that buyers would rather stand beside him for a half-hour chat than go over to the man who had skated off with the ribbons. They knew that the winner was pretty well swelled up over his blues and might slip a couple of eggs when pricing birds to them. It takes a good one to keep it hid even in the sleeve.

The cheerful fellow would smile broadly all the time he was talking to prospectives and sooner or later they would warm up to him and then to cool themselves off would go again to look at the winners before placing orders. But they had not reckoned with the cheerful man. He had dispelled their gloom—the gloom that they had thought hovered over the chicken business—and sowed the seeds of geniality so well that they took root and bore orders for his stock and eggs for hatching. Prospectives came back, and dropped their money into the happy fellow's lap and gave their addresses so he could forward the stuff.

Business was always good with this fellow. He had the smile and was content with what they handed him. From his ads one could see what a cheerful man he was and they relied on what he said every time. He knew that grouches were out of it when it came to the harvest of orders. It got to be such a habit with him that his wife would wake him up in the night and tell him to stop laughing.

When advertising solicitors called on him, he met them and told them what a fine season it was for business. The "boys" would warm up and give him an idea here and there about going after business which were worth all he paid for them and more. When they asked

AMERICAN POULTRY JOURNAL

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C. W. ZIMMER, Central Representative.

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Special Representative.

SUBSCRIPTION PRICE.

Subscription 50 Cents a Year—5 Cents a Copy of all Newsdealers. Chicago subscriptions 60 cents (when delivered by carriers). Foreign subscriptions \$1.00. Canadian subscriptions, 75 cents.

Look at the date upon your wrapper. Many subscribers write to ask when their subscription expires and many complain because we discontinue sending the JOURNAL at the expiration of time for which it is paid. The date when your subscription expires is found on the wrapper each month.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

Advertising rates are sent upon request.

him for a contract they got it and he told them to make good. They did. They had a way of referring to him that made others have confidence in him. You might say that this inexplicable quality of getting orders where others could not was supernatural, but it was not. He had cultivated it from the first and was sincere in it. He was not like the man who told the big story about the lot of stock he had raised and then sanded the track and reversed when the solicitor asked him for three dollars' worth of space in the next issue. No, sir! The inexplicable thing was that everybody was legging for this cheerful fellow. They simply had to tell some other fellow about him.

Advertising? Sure. The best sort of advertising.

About Time

The year book of the Department of Agriculture for 1907 says:

"A poultry feeding experiment was begun in the fall of 1906 at the Bureau quarantine station at Halethorpe, Md., to determine the respective values of the moist mash, dry mash and hopper methods of feeding. Further experiments will be conducted at the Bureau experiment station at Washington, D. C., which is a more favorable location and where a suitable equipment is now being built."

One would naturally think that a year would give some results in the feeding test, but we get the following from the year book for 1908:

"... Other experiments in feeding poultry by different methods are in progress at the Bureau experiment station, but have not progressed far enough to yield definite results."

If a year's time is not sufficient to give them opportunity for a more or less correct solution of the simple experiment they have outlined, when shall we expect results? It looks a deal as if those who are drawing salaries in their connection with the poultry experiments should wake up and do what they have set out to accomplish.

Express Companies Pay Up

Another instance wherein the express companies were made to take notice of the faithless performance of duty of their servants has come to light again in the suit just settled between W. W. Reeder, Minden, La., and the Southern Express Company. Two years ago it was charged by the plaintiff that a cockerel valued at \$50 was suffocated while on its way to the Jeanerette fair. Judgment was secured against the express company, but they appealed. About a month ago the Court of Appeals affirmed the decision and the express company paid him, as well as having to pay all the costs of the suit. The editor of the Southern Poultryman, in commenting on the case, advises breeders in Texas to sue express companies right at home in their justice of the peace courts for small amounts of damage. These cannot be appealed when the suit for damage is less than \$20.

Not long since we know of a breeder sending a bird to a show and having him set out upon a truck long enough to badly freeze both wattles and comb. Such negligence is worth suing them for. Another time he sent a coop of cockerels to a buyer and had all of them arrive with their combs frosted horribly. Do you suppose that a buyer could be made to believe that the combs were frozen after leaving the breeder's hands?

Another express company farce is shown up in the case of a neighbor of ours who shipped one pullet home in one crate for \$1 even, an exorbitant rate, and in another crate were four more, the charges on which were \$1.05! The A. P. A. would have work enough for five years just hammering away at the express companies.

Fall Into Line!

Teaching the young idea how to shoot is the business of our agricultural colleges when it comes to having the youngsters shoot at stock breeding and farm-

ing. But here is a high school that is taking a hand in this great agricultural education uplift and doing the same work that should be done by all the high schools in the land. Albert Lea, Minn., has been known as one of the busiest little towns in the southern part of the state and with its 6,000 inhabitants makes quite a noise up and down the various lines of railroad that get into it.

The first week in January they have a poultry show of some thousand birds, a school for the training of young dairy enthusiasts, a stock judging school, courses in farm crops, horticulture and domestic science. The best talent in the state or in the West, for that matter, is secured to give lectures and demonstrate the ideas set forth. Poultry is judged at the chicken show, dairy cattle are judged under the direction of a skilled breeder, corn is judged by experts and then by the young men who are learning, and prizes are given to the students who are most proficient in their work. This particular week is a pretty busy one in Albert Lea!

The sort of publicity that the Albert Lea fanciers have given the pure bred hen in those parts has a great deal to do with the rip-roaring success of their annual show. Farmers all over the county are seen bringing their birds in to the show and they have them up in nice shape. We have been to the show and we know. The models set by this county in the southern tier of the good state of Minnesota are not to be surpassed. Older established countries could well take advice and pattern from the pure bred stock and corn breeders and directors of the educational idea that are to be found there in little Freeborn county, Minnesota, U. S. A.

St. Louis the Place

No idea caught on so quickly for the place of the next annual meeting of the A. P. A. as the one now spreading—boost for St. Louis. Well, we are all boosting, and will be there, hammer and tongs. Nothing will do more to increase the membership of the association than to have a meeting place here in the West a few times, and it looks like St. Louis was a good suggestion for the coming year, at least. There

has been some objection to St. Louis on account of the alleged heat during the month of August. This will fade away as soon as those who think this point severely uncomfortable during the summer make their first visit there. Hundreds of members have signified their intention of attending if the meeting is to be held in St. Louis, and they feel that they cannot afford the expense in attending if it goes further east. When you, Mr. Member of the American Poultry Association, get your voting ballot this spring, be sure you designate St. Louis as the next meeting place. Do not leave the place of meeting blank, but vote for St. Louis, even if you are not sure that you can be there. Plan to make the trip this year, if you have never made it before.

It will be remembered that at the last annual meeting the St. Louis or Missouri delegation and all those from the Southwest at their backs promised a hundred new members if the meeting would be held there. Secretary Campbell has already received about half this number of membership applications from the regions about St. Louis, thus proving that they mean what they say, and begin to fulfill their contracts when they make them. Boost for St. Louis every minute, and do not forget to vote for St. Louis when the time comes. We predict that if St. Louis is the next place of meeting, that the largest attendance in the history of the association will be the result.

Boost for St. Louey!

Mr. Jones' Troubles

John Jones writes in and requests us to tell him how to make more money from his hens, or rather how to make his hens make enough to care for their own expenses. This is a good deal like running the mill with the water that has passed by. The thing is to get the most out of the hens and the water before it has passed. One of the greatest evils poultry keepers are continually allowing to get into their business is the haphazard way in which they keep their accounts and care for the little details that go to make up success. We would say that nothing so much conduces to success as that little account book carefully kept.

We know one poultryman who does not care to go to the discomfort of keeping an account book with his fowls but his eyes are poor and he cannot be blamed. He keeps track of the expenses and the profits, however, by dropping all the receipts into a cigar box and paying bills out of it. He does keep track of the profits he takes from the box, and one of his mottoes is never to buy a thing for the hens that they do not earn. Practical poultry keeping on the village acre or the town lot all depends upon the man or the woman behind the little enterprise. Pure-bred fowls, clean feed, attention to the little details from day to day and strict cleanliness, are the essentials.

By keeping accounts the little leaks can be stopped. One must know where the leaks in the system are before they can be stopped. Haphazard buying and selling and feeding are the worst enemies of success. Cheap feed sometimes is expensive. One can occasionally buy good feed cheap and should be in position to do this by having the storage facilities. We need more fanciers and poultrymen who know what it costs them to keep their birds and exactly the revenue from them.

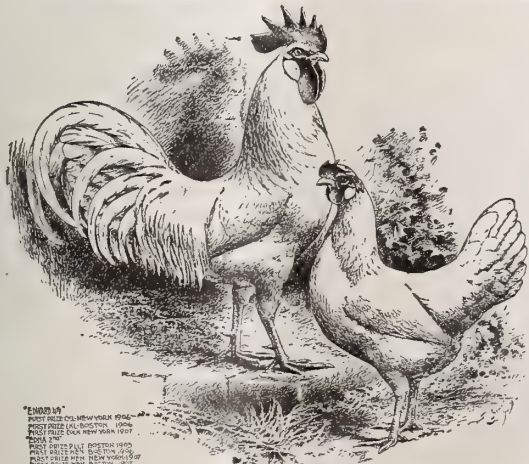
Where Are the Breed Standards?

It is about time for the A. P. A. to give the poultry public more information about the breed standards which were promised the fanciers of the country not long since. Is it possible that the promises are to be overlooked? Fanciers and breeders are waiting for them, and now that we are to have the new standard this fall, why not have the first breed standard at the same time? This should be one of the important items to come before the annual meeting at St. Louis this coming August. From what we have heard throughout the west this season, there are going to be plenty of voters on hand to get the breed standard for Plymouth Rocks through right there at St. Louis.

Ohioans Take Notice

It is said that there will be no poultry course given at the Ohio State Agricultural School this winter. This is a sad

Young's Strain S. C. White Leghorns



I have no other breeds. Another great victory at Madison Square Garden, New York. Again winning for the eleventh time more prizes than all of my competitors combined. After having 119 of my best young birds stolen, my winnings were as follows: Cocks, 1st, 2d, 4th and 5th; hens, 1st and 5th; cockerels, 1st, 2d, 3d, 4th and 6th; pullet, 4th and pen, 2d. Special for best display, special for best male, special for best color male, special for best shaped male, special for best female, special for best head female, special for best shaped female. Spratts' gold special for best Leghorn cockerel, any variety hatched 1909. State cup for best display. Elm trophy for best male. Silver medal for best male. Bronze medal for best female.

You cannot win without my strain. It is the greatest laying strain on earth. Why fool away your money, purchasing eggs and stock from inferior breeders, who have not bred Leghorns long enough to establish a strain, when you can buy from a strain that has been established for 35 years, for the same money or less. The following are the male birds that are heading my thirty yards this year: 1st cockerel, New York and Boston, 1906; 1st cockerel, New York, 1907; 1st cock, New York, 1906; 1st cockerel, New York, 1909; 1st cock, New York, 1909; 1st cock, Jamestown, 1907; cockerel heading 1st pen, New York, 1909; 1st cock, New York, 1910; 1st cockerel, New York, 1910; 2d cock, New York, 1907; 2d cock, Boston, 1906; 2d cockerel, New York, 1909; 2d cock, New York, 1910; 3d cockerel, New York, 1909; cock heading 2d pen, New York, 1907; cock heading 2d pen, Boston, 1907; 3d cock, New York, 1909; 3d cockerel, New York, 1910; 4th cockerel, New York, 1910; 5th cock, New York, 1910; cock heading 2d pen, New York, 1910; 6th cockerel, New York, 1910; 4th cock, New York, 1909, and 5th cockerel, New York, 1909.

Stock and eggs for sale at all times. Send for free mating list.

D. W. YOUNG
Box 1-A, Monroe, Orange Co., New York

state of affairs, and breeders of this state should begin right now to help push through some sort of protest that will not be overlooked in making a winter course in poultry keeping a permanent part of the poultry work at this university. Every state should hold a short course in poultry keeping each winter at its state agricultural college. There is nothing more beneficial to the industry than getting these young people who are interested in agriculture more or less in touch with the possibilities of the poultry business. One educator says that if he may have the youth for five years he can shape his life to a certain extent. If there be anything in this, why not begin getting in the poultry icks at an early date?

Notes of the Month

They tell us that a meeting of poultry show promoters in the vicinity of New York will get together soon and arrange a circuit of dates that will be satisfactory to all. Some sense to this. The various states that have tried the circuit scheme for the larger shows this winter are well pleased with the way their show-city members have fared. This is as good for the exhibitors as for the shows.

In A. P. A. matters there is not much news stirring. The fact that St. Louis is working for the next annual meeting is meaning that she will get it. From the impression created at the last Missouri state show held down there in little old St. Louey, the members of the A. P. A. are sure she will make good when it comes to the new members she promised at Niagara last summer.

At present there is nothing doing in the way of electioneering for the next spring's election. It is well understood out in the central West that Ring would make a good candidate for the office if he would consent to run again. There is a deal of talk for him. As he has not signified his intentions we will have to wait a while anyhow. It looks as if Bryant will again be elected president for about everyone is for him and few against.

A meeting of the Standard publishing and revision committee was called for the New York show. This was to discuss means of expediting the work. The artists were asking for more particular instructions about what they were going to do. These assignments should have been made some time ago. We have understood that Louis P. Graham was added to the staff of artists who are to work on the illustrations, but he says nothing definite has been accorded him. The country is calling for a perfectly completed Standard for the winter shows coming and declare that they must have it and that there is no reason why it should not be out.

The death of C. P. Nettleton, one of the oldest of American fanciers, occurred during the fore part of January. He has been a friend to the Light Brahma breed for many years and his loss will be a great one. Many of the Old Guard are gone, each leaving a place that will be hard to fill.

New York show was a pippin again. No one claimed the \$10 reward for the discovery of "evidences." At least, if they did it was kept mighty dark. Hicks

was down there looking for tenners, but we have not had a report from him as yet.

Everything points to a good season for the egg trade. At the big shows we have seen many good sales of breeding stock, and some large future delivery orders given. Hundred dollar orders are mighty common. Moral: Let folks know it.

Losing exhibitors have a hard time of it all around. They go about with a nasty green taste in their mouths, sometimes, looking a good deal as if they had burst their galls, as H. P. S. would say. It never pays. The cheerful breeder is a winner every time.

At the larger shows there has been a veritable shaking up of the awards. When a breeder gets careless he must take the consequences. Letting in the workers on the ribbons is but right if they have the goods.

Your Uncle John has a way of scolding his brother editors that cross his path. Did it ever occur to you that a great many of us take life too seriously?

Well, if we are going to cut out the "secret" business and borrowing and lending and making fake show reports and all that, why not begin at the next meeting? St. Louis is accustomed to exposures and a few more of our dinky little ones will not make the town fall into the river!

The poultry department of the Connecticut Agricultural College has been favored by the powers that be with an assistant to Professor Stoneburn, in the person of Mr. Charles Stephenson, formerly of Buffalo. The latter will have immediate supervision of the poultry plant at this school and will have more or less to do with handling the students while they are performing the practical work proscribed.

A California man says that by his system of keeping fowls he has made each hen average him a net profit of \$18 to \$20 per year. What that man needs to do is to write a book of secrets or invent a system and sell it for a big figure.

U. R. Fishel says that he will take a position on the executive board of the A. P. A., if the members think he is fit to serve. Other candidates are H. V. Crawford and G. M. Curtis. Political things in the A. P. A. are not rushing this time of the year, but they may warm up a bit along in March.

We recently received the following letter from A. G. Clark, and our readers should take advantage of the opportunity to assist this committee who are endeavoring to collect all the information possible to incorporate in its report to the next meeting of the American Poultry Association:

American Poultry Journal,
Chicago, Ill.

Gentlemen: Kindly bring before your readers again the fact that any complaints they have regarding shipments, overcharges, neglect, etc., in reference to express shipments of poultry, that they will do a favor by sending such complaints to Alfred G. Clark, 406 Williams building, Cleveland, Ohio, for the consideration of the committee who have

express matters in charge for the American Poultry Association.

I have received quite a number of letters, all of which will be valuable when we take up this matter direct with the express companies, but we need plenty of reports so as to have an abundance of evidence to back up our suggestions.

I think without any question that the American Poultry Association can accomplish a great deal of good in this line and make a membership in the association of personal value to every poultryman in the country.

Thanking you for your attention,

Yours very truly,

A. G. Clark.

405 Williamson Bldg., Cleveland, O.

Gleanings From the Journals

By A. B.

The American Poultry Journal has time and again said that now is the time for big things in the poultry business. A perusal of the editorials we have been giving from month to month will verify what we say. All over the country the fanciers and poultrymen are getting ready for the big job of caring for the business we shall reap during the coming years. He is a wise poultry breeder who will let his light shine. Along this line the following we take from that newest of journals, American Poultry World, will only go to show that we have not been alone in our opinion. Personally, we have seen more activity during the past fall and winter among the fraternity than for a great while. Poultry is coming more and more into its own.

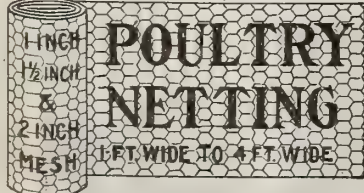
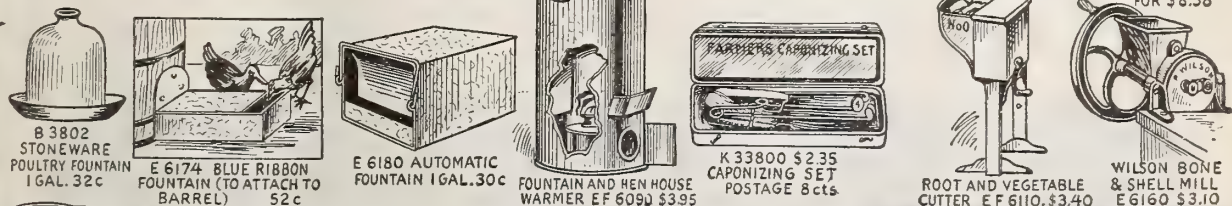
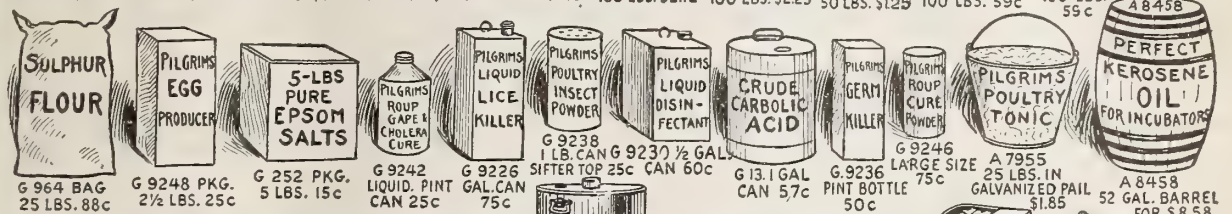
"The Standard-bred poultry business, as well as related branches of the work, are now at the opening of the greatest period of activity and development it has experienced in the history of domestic fowls. It is the duty, therefore, of every earnest, self-respecting worker to get in line with this new movement, so-called, and to lend the influence of his voice and the value of his example to the good cause in which we have a common interest.

"Now, so it seems to us, is the accepted time. Never before have so many of the "right sort" of men and women been engaged in this field of effort. Never before has so much ability and so large an amount of money been employed in, and devoted to, a further development of the poultry business—in its numerous important branches.

"We have gone on record repeatedly, here of late, as predicting that a big uplift and remarkable advance in poultry culture is now at hand, and the developments of each month that passes confirm us more and more in this belief. But it still remains true that the poultry business is to be what we make it—those of us who are actively engaged in the work. Therefore it is of vital importance that every man and woman shall do his or her part."

When is a faker not a faker? And how old is the oldest faker?

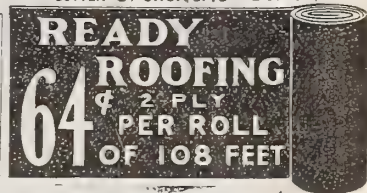
It might be well to ask these questions at this time when all the brethren are having their say. Brother Robinson would say that a faker is not a faker when he is not caught with the goods. The most expert at it are not fakers. The purists say that any man is a faker who puts a bird in other than its natural plumage, the latter including beak, legs and other whatnot. There is some truth



Our netting is of steel wire, galvanized after weaving; is of uniform mesh and double selvage; will roll out flat and straight; does not sag when up; is the best and finest on the market. Sold in full bales of 150 ft. only. Prices 73 cts. and up. The 3 ft. wide 2 in. mesh is \$2.14 per bale. See catalogue for low prices on poultry netting, fencing, etc.

Save Money on all Poultry Supplies

We have been headquarters for money saving for thirty-seven years. We buy in car lots from the makers and sell direct to users, thus saving you all intermediate profits. Our goods are all standard makes and honest grades, and are fully guaranteed to suit you in every way or we will refund your money on return of the goods.



C 262—Made from selected long fibre wool felt, saturated with waterproof composition. A solid, flexible fabric. Good for roofs and sides of hen houses, and many other buildings. Caps, nails and cement are extra. See catalogue for prices of all kinds of roofing and other building materials, as well as of everything you eat, use and wear, all at lowest prices.

Nineteenth and
Campbell Sts.,
KANSAS CITY

Montgomery Ward & Co.

(Originators of the Catalogue Business)

Chicago Ave.
Bridge,
CHICAGO

Poultry Needs

Nest Eggs, B 5656. Per doz.....	20c
Nest Eggs, hygienic. B 5666. Per doz.....	45c
Egg Testers, E 6088. Each.....	10c
Egg Cartons, (hold 1 doz.) B 8860 Per doz.....	10c
Wire Nests, O 1712. Per doz.....	55c
Turkey Bells, C 53910. Per doz.....	92c
Leg Bands, small size. K 33820. 50 for.....	32c
Leg Bands, medium size. K 33822. 50 for.....	32c
Leg Bands, aluminum, for all sizes fowls. O 53575 100 for.....	40c
Cape Worm Extractor. K 33814. Each.....	18c
Whitewash Brush. S 485. 7 in. wide Each.....	15c

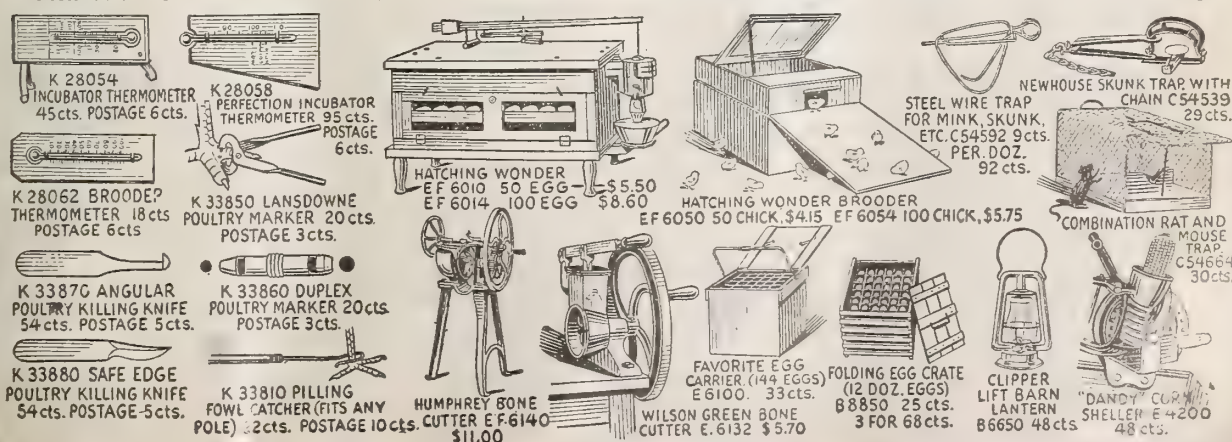
We Sell Everything that you use, eat or wear.

Our large, new catalogue, No. 78, shows our full line. All the goods shown in this advertisement and 125,000 other articles are fully described in the big catalogue. You may order any goods from our Chicago house at prices here quoted, or you may send for a free copy of the No. 78 catalogue and read full particulars of all these goods and many more you will want. Try to make your order reach 100 lbs. or more in weight, and have it sent by freight. That is cheapest for you. Where we quote postage it means that if you order a single item by mail that amount of postage should be sent in addition to the quoted price. If you order that item to be sent with other goods by freight or express you'll save the postage.

NOTICE: We have stores in Chicago and Kansas City. If you live west or southwest of Kansas City write for our special Kansas City catalogue and order from our store in that city, from which point only you will pay freight. All others will send to our Chicago house and pay freight from Chicago. With any goods you order, ask us to send you a large, new catalogue No. 78 and we will help you save some money. Send for the free Catalogue, anyway.

Poultry Books

Practical Poultry Culture. 144 pps. M 8500.....	25c. Postage 4c
American Poultry Culture. M 8505.....	\$1.30. Postage 12c.
Standard Perfection Poultry Book. 182 pps. M 8515.....	15c. Postage 3c.
Farm Poultry. 341 pps. M 8530.....	\$1.15. Postage 16c.
How to Make \$500 Yearly Profit With 12 Hens. (An old-timer that you will enjoy.) M 8545, paper, 25c. Postage 5c.	
The New Egg Farm. 332 pps. M 8560.....	80c. Postage 11c.
Poultry Appliances and Handicraft. 120 pps. M 8575.....	42c. Postage 5c.
Poultry Architecture. 130 pps. M 8590.....	42c. Postage 5c.
Poultry Feeding and Fattening. 160 pps. M 8605.....	42c. Postage 5c.
Reliable Poultry Remedies. 93 pps. M 8620.....	25c. Postage 3c.



in the definition of a faker when it is put in this wise. Just where all this talk and palaver is going to lead to has not as yet been decided, but it looks as if some of the good men and true, or those who consider themselves as such, were going to bring up a lot of the matter at the next annual meeting of the A. P. A. in St. Louis. Some one suggested a white diarrhea congress when the journals had this on the brain or in their ink pots a few seasons ago, and it might not be out of place to call a fakers' and non-fakers' congress at St. Louis after the A. P. A. gets underway with whatever house cleaning it undertakes at its next session.

The common herd of us who are not satisfied with a few dollars per hen profit per year are not doing the hotfoot after the systems that will give us the mighty profits that they assure us. In some instances the profits per hen can be greatly

rates of carriage on merchandise. Well, here's the letter from the N. P. A.:

Weedsport, N. Y., Dec. 1st, 1909.

To the President and Congress, Washington, D. C.

Dear Sirs: Are you aware that the hustling hen represents big money? That she is of much greater importance to the people of America than Aldrich and the Standard Oil Company? Than Cannon and his bargains? Than Smoot and the Mormons? Than Penrose and the Pennsylvania? Than Peary and the Pole? Than Roosevelt and 1912?

Well, she is.

Do you know that she produces more value than wheat, corn, or cotton?

Well, she does.

Are you aware that every man who voted for you—and who may vote for the other fellow—wants the hen or her fruit far more than he wants to see the express boodlers pile up more dollars through a corrupt plunderbund?

milk and other dainty bits that will tempt the birds and then fill them up on corn after they have eaten all of other feed they can be induced to take. In the article in the above journal we find that the motive for night feeding is to increase the winter egg production, more or less new as an idea, though we believe that there have been some comments on the subject in the past. Read part of what Mr. Bent has to say:

"I think it will be generally conceded that the one great cause for light winter egg production is the short days, even more than the cold weather, for even in mild climates it is about as difficult to get eggs in winter. The hours of daylight are too few to permit of the fowl consuming and assimilating sufficient food to renew the tissues and supply the heat, which are the first demands, and leave any surplus for eggs. In the short, cloudy days there are scarcely more than six or seven hours of daylight out of the



A CHOICE BREEDING PEN OF
CRYSTAL WHITE ORPINGTONS
THE BIG EGG LAYERS

ORIGINATED BY THE
KELLERSTRASS FARM
KANSAS CITY—MO.

increased by following some of the systems' ideas, but we might say that too much should not be credited them, though they all have done more or less good and convinced the poultry public of one thing: That fowls can be kept at great profit in small enclosures by the intensive methods of handling them.

The National Poultry Association has been heard from again recently and reports that it has bombarded Congress and the president with a letter which we give here. The letters that will do the most good, however, to choke off the express companies are those written to the congressional representatives from our various districts. Every chicken man can spare the time and should drop a line to his representative in Congress without much expense, and the good that would come of it would be inestimable. We must have a parcels post and then the express rates will come off their high perches and something will be done by them to get into competition with the parcels post system, thereby lessening

Well, he does.

Don't you know that the people of this country do things when their patience is worn out?

Well, they do.

Now get busy.

Omit the talk and promises. We are tired of both.

Do things.

Strangle the express robbers.

Give us a parcels post system.

Very truly yours,

The National Poultry Association,
C. F. Townsend, Pres.

The American Poultry Advocate for January contained a very good article on feeding fowls at night. It is well known that winter days are hard days for the fancier to put gains on late hatched chicks and that to do it successfully we must feed them at night as well as during daylight. Those of us who have given the work a deal of thought and tried feeding youngsters after night in order to make them come to show condition quicker than ordinary, use bread and

twenty-four, or about one-fourth, for hens will be found on the roost by three o'clock. The time allowed for eating and exercising is too short, for fowls must exercise as well as eat in order to lay.

"But what can be done? The general scheme of the universe would be difficult to change. The only remedy is to turn part of the night into day by artificial light. This could be easily done and in many cases without much expense. Many poultry plants are located near or in towns having electricity, and if not, kerosene could be used. If fowls were to be fed whole grain in litter at night they would of course require more light than to eat a mash or whole grain in a trough. It is useless to lay down any definite plan without even having tried the experiment, but it occurs to me that I would adopt the following plan of feeding if I were to try it. I would give a feed of whole grain in the morning in deep litter and another after dinner, and be careful not to make it too heavy, but just enough to induce vigorous exercise, using corn and

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OVER \$12,000 PROFIT

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(entitled "\$6.41 per Hen per Year"). Not what the Cornings might do, or could do, or want to do, but what they DID DO. Facts, figures, names, dates, photographs of their plant, plans of their houses, all proving the remarkable claims.



Where the \$6.41 profit is made

The FARM JOURNAL, always a poultryman's paper, takes special pleasure in being the medium of publishing the Cornings' methods and achievements to the world. Our offer is, we believe, unequalled in the history of poultry journalism; here it is:—

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FARM JOURNAL is the standard farm and home paper of America. Its poultry department is famous for the practical value of its contents. Made for the poultryman, fruit-growers, truckers, stockmen, dairymen, suburbanites, village people, housekeepers, boys and girls. It is clean, bright, "boiled down," intensely practical. "Cream, not skim-milk," is its motto. It is thirty-three years old, and known everywhere. "Judge Biggle" and "Peter Tumbledown" are characters better known to many than Hamlet or Micawber. It is well printed and illustrated. It has more than 650,000 subscribers, but won't be happy until it gets a million, which it expects in 1910. More than half a million of its subscribers pay five and ten years ahead, which shows rare confidence in a paper. It never prints a medical, fraudulent, or trashy advertisement, and it is famous among high-class advertisers for its extraordinary "pulling" power.

Must Recognized Theories be Discarded?

The reader of the Corning Egg-Book will draw his own conclusions. The book tells everything—where the Cornings find their market, why they raise only white-shelled, sterile eggs, how they keep hens laying regularly in winter, when they hatch chicks that are to do their best work in December and January, how to mix the feed that produces the most eggs, how to prevent losses, how they found the best breed for egg-producing, and how their whole system works to that one end—eggs, EGGS, EGGS. It gives photographs of their plant, and complete working plans of their buildings, which can be made in sections, large or small, as needed.

Next year the Cornings expect to have twice as many hens, —that is, 4000. Will they make twice \$12,000?

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oats in the morning and wheat at noon, or vice versa. I would give the next feed at about eight or nine in the evening, alternating a properly balanced so-called warm, "wet" mash with one of cracked corn, but have the latter warmed or slightly scorched. If the hopper system of dry feeding ground feed is used I would cut out the noon feed or whole grain and open the hoppers at noon and close them again at night or early in the morning. Under no circumstances would I feed whole grain in hoppers nor would I leave hoppers open all the time. I have found both very detrimental either for egg production or breeding purposes. Yet hopper feeding is a good thing, judiciously employed, but mark the word "judiciously." It is surely a great labor saver. However, I am not one of those to condemn the wet mash entirely, and believe it a good thing once or twice each week. Many things can be worked into a wet mash that would otherwise be lost, and it serves to provide variety, which is essential. By the term wet I do not mean "sloppy," but simply nicely moistened. This plan of feeding at night would stretch out the eating hours about the same and as long as in summer, except the hens would eat later at night and not so early in the morning. It is possible that it might be found advisable to carry this plan a step further by getting the fowls up earlier in the morning. This could be done by an automatic clock attachment that would switch on the electric lights at, say, 5 a. m. This would cause them to get down from their perches and go to scratching. Grain could be scattered in the litter as the lights were turned off at night and be there ready for them. Some might not find it convenient to give the night feed who could easily install the automatic clock attachment and scatter the grain in the litter at supper time. It is possible that feeding both early and late, which would make four times a day, would overdo the matter, but I am inclined to think not where it was desired to force to the limit."

We append here a couple of the questions that will be asked of most folks who will be approached by the census enumerator during the taking of the census this year. It will be well for chicken folks who want to make as good a showing as possible to have their figures down in black and white so that we may do our share toward getting something near the actual value of farm and village and town poultry reared and sold.

Poultry—A statement will be required

of the number and value of chickens, turkeys, ducks, geese and guinea fowls on hand April 5, 1910. Separate reports may be required of those under three months old and those over that age.

Poultry and eggs—The following questions will be asked concerning poultry products in 1909:

Value of all poultry raised; amount received from sales of poultry; dozens of eggs produced; dozens of eggs sold; amount received from sales of eggs.

Poultry Culture says something editorially about the work of keeping fowls and the great health that such outdoor work gives those who go into it with the idea of doing something that will pay for the time they put into it. The poultry journal that takes up this matter in the general literary magazines and offers a course in poultry keeping for those who are going into it every year, with health as the main object sought, should do a good subscription business. The dairy cattle breeders are using the general magazines to advertise their specialties and it might be worth trying to offer the intending poultry keepers, who are going into it for their health, some advice, and show the lungers and other physically incapacitated folks that poultry keeping will pay them well for their efforts in it and at the same time get them in excellent physical trim.

Field meetings and poultry picnics are getting to be the real article. Out there on the Coast they are holding poultry picnics every month or two on some poultry ranch where the keeping of fowls for the eggs they will produce is a leading business. Editor Harker of the *Fanciers' Monthly* has something to say of these from time to time and it looks to us as though such meetings are the means of doing a lot of good. Fanciers and poultrymen who are vitally interested in the business can get some good ideas in return for their own, in such an exchange as these picnics and field meetings. It is very seldom that fanciers can meet in such numbers as to enjoy a poultry picnic. Near the large cities and in communities that hold shows little monthly meetings of this nature would not be out of the way at all. It was not so long since that we gave in these columns a write-up of a county poultry association that held an annual picnic that tended to bring the fanciers together more than once a year and helped to keep things warm during the season when poultry en-

thusiasm was needed. The idea is a good one and should be emulated.

In these days when we see so little about waterfowl in the various journals anything good is particularly interesting. We find a note in the *London Feathered Life* about Embden geese that is well worth giving in the *American*. Whether it is considered that waterfowls eat too much in these days of high-priced grain, or that they are overlooked in the hustle and bustle of making our hens lay more eggs and mature quicker, we cannot say. There is good reason why waterfowls should be reared on every farm that has some good pasturage and of the smaller varieties that are renowned as layers there is no reason why they should not be kept even in confinement more generally than they are. There is some good, practical matter in the following:

"As to the reason for the association by name of this variety with the place named Embden, in Westphalia, it would be difficult to account, and it does not appear that any satisfactory explanation is on record, but the point is of no practical importance. What is of interest to note is that, although it differs in color, and to some extent in contour, from the Toulouse, it would be difficult for practical producers to decide which of the two varieties is entitled to the first place in point of merit; and it is, perhaps, no exaggeration to say that the majority of producers solve the difficulty by crossing the two varieties for the production of the best goslings for table use. Its characteristic color of plumage is a spotless white throughout, and any other color, or spots or splashes of color, indicate impurity as regards the ancestry of a strain. As regards the character of the plumage, the feathering is close, and the neck feathers arrange themselves more or less in ridges, and the general contour and carriage of the breed is rather more graceful than in the Toulouse. Length and straightness of head are characteristics, and the bill is short and stout. The neck is inclined to be long, in uninterrupted continuation of the lower mandible, and gracefully curved and carried. The body has breadth and depth, the back length and straightness, and the breast solidity. The tail is horizontally straight, and its feathering close. The wings are very powerful in striking, and large when spread, and the legs are short, thick, and firmly set. The carriage is inclined to be generally upright and tall. The bill, legs and feet are orange in color, and the eyes light blue."

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again make a great sweep at Madison Square Garden, N. Y., 1909-10, winning 1 cock, 1, 2 hens, 2, 5 pullets, 1, 3 pens, also winning the National Championship cup for best cock, hen, chl. and pullet; also 4 of the specials for shape and color, and best display by a very large margin, winning more points than my four next highest competitors all together. I have won nine 1sts at the last shows at Madison Square Garden, and at Indianapolis, Ind., Nat'l Club meeting, '08, I won five 1sts, championship cup and best display by a large margin. At Greenville, S. C., I also won 1st display by a large margin. This is the 3d year in succession that I have won 1st pen at Madison Square; my 1st pen was pronounced by Judge W. C. Denny to be without exception the best pen ever shown in America. My string was the sensation of the show. Write for catalogue.

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The New York Show Report

(Continued from page 202)

The report of following classes was received too late for classification.

Our editor this time has given me a rather hard task at the very last moment. He came to me about 11 o'clock Saturday morning and asked me to write up the Dorkings, Asiatics, Hamburgs, Orpingtons, Indian Games and Minorcas.

This was impossible for me to do in a way that should be a credit to myself and to the A. P. J. Some of the birds I had to give just a superficial glance and the others I have tried to give a better account of.

In the Light Brahmas, the classes were well filled. The River Home Poultry Yards from Ohio, coming along with a very good string of birds which made Balch and Brown and Klee Bros. sit up and take notice.

The first cock was a very strong bird, well striped in hackle and good size. Second, was very much like it. Third, also good type. Fourth and fifth, suffering from lack of condition. First hen was shown in remarkably good condition, seeing that she had traveled from Ohio, and she was a very good type. Third, very much like her. Second, Klee Bros., a splendid hen, will be heard from later. First cockerel was a great fellow and will be heard of again.

Buff Cochins made one of the best displays seen at the Garden for quite a long time, and it reminded one of the time when those Giants of the Fancy were contesting for the honor. Partridge Cochins were represented by a very few from the yards of Geo. W. Mitchell, whose name is synonymous with the best in America.

In the White Cochins, Mr. Rose, the Canadian exhibitor, came down and disputed with Mr. Anderson his right to all the honors in this variety, and he won first cockerel and first pullet. We did not think that Mr. Anderson showed his

birds in as good condition as usual this year.

In the Dorkings, it was a battle of those Giants, Jacobus, Westfall and Hale. It decided in a good run in favor of Westfall. First cock, a cracker-jack, possibly the very best silver grey ever shown in New York. The breast, tail and under parts, a pure glossy black with top color like a White Leghorn. Splendid head, typical in every way. Second cock, not at his best, very large and extra long in body; good black breast, tail not full, pure clean top color; will do better in two weeks or more. Third cock, much smaller, very stylish, neat looking bird. Breast and tail fair, has an over growth of comb and white ear-lobes. Fourth, a great big coarse bird. First hen very good in all points. Large and rich color, and little pinched in tail. Second, a great deal of the same order. Not as good in color. Larger put back on account of poorly moulted tail. Third, fine form, though very much smaller; very poor in back color, which evidently gave her this place. First cockerel, typically shaped Dorking, sound black breast and under parts. Extra long flowing, hackle and tail. Second, much smaller, not as full in hackle and saddle, nor near the length or depth and fails in breast color. Third, larger than second, better color, quite nice cockerel. First, beautiful pullet, soft color, free from shafting. Second, not as large, and taller with a poor hackle. Third, still smaller, not as good in breast, but better back color. Fourth, rather a different type from those above, very neat, pleasing appearance and a very taking hen.

Buff Orpingtons—Here we had a great display of good quality birds. The prize winners could have been taken out and five more could have been classed fit to win in almost any competition. The first Buff Cock, a remarkable bird, worth its weight in

gold. Splendid shape, good type and large, set off with a good head. Second cock, not as large, fair, good type with a neat head, but rather a poor eye. Third, very level color, not good in breast, good eye, high on leg, still a rare good bird.

Hens—First, fourth and fifth, all belong to Sunswick and made a very good team. The first is a nice soft color, very good type with a good eye. Second one was not to our liking, too cochiny, very small bone and too low leg. Third, a good one, failed a little in condition but our choice for second. This certainly is a bird to go in a show pen or the breeding yards. The sixth hen was a beautiful light color and could have been placed higher. Single Comb Cockerels—First, a bird that handles well, good type, solid color and should make a rattling good cock bird. Is not as coarse in head points as some of those that Mr. Cook has won with before. Second, a fine bird all through and should be a better cock bird than cockerel. Third, rather darker than the others, good keel, tail carried low. Fourth, dark, rather high on leg, and little pinched in tail. Fifth, good type, but small and shows white in tail. Sixth, high on leg, narrow on saddle, too much cut away in breast.

First Pullet, one of the best pullets ever shown in the Garden, good type, in fact, good all through. If I am finding a fault, I would say a trifle dark in color. Second, a good pullet, trifle dark on top with light under color. Third, a beautiful soft color pullet with a splendid eye and good tail. Fourth, a nice colored pullet. Fifth, a good pullet showing lacing on back.

Black Orpingtons.—First cock a great bird, splendid shape and good in all points. Second, a good one with a neat head, carries tail a trifle high. Third, a smaller bird, but full of quality and son of the great Nabob, and full of his father's quality. Fourth, a trifle heavy in tail with rather small bones, but will make a good breeder. Fifth, was another good one. First hen, a splendid hen all through with a lovely beetle plumage. Second, a



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The Tandem Double-Compound Thermostat

marks a new era in Heat Regulation. It eliminates all regulator troubles. It is so powerful that it operates both flame controller and damper as easily and more accurately than any other Thermostat will operate damper alone. Used in connection with my **Acme Trip Burner**, brooders 50%. The Tandem Thermostat can be instantly attached to any style regulator using



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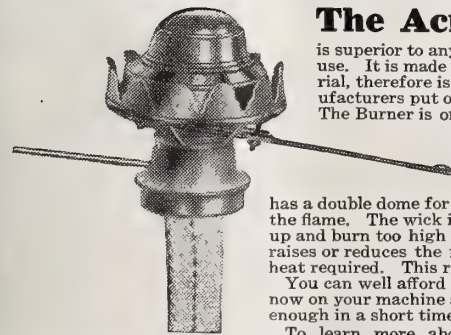
The Acme Trip Burner

is superior to any burner for incubator and brooder use. It is made of good, strong, substantial material, therefore is unlike the flimsy affairs that manufacturers put on incubators to keep down the cost. The Burner is one of the most important features of an Incubator or Brooder, for lamp troubles can usually be traced to inferior or defective burners.

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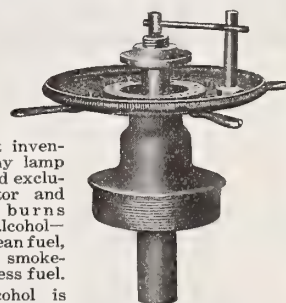
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Denatured alcohol is rapidly taking the place of gasoline, kerosene, etc., for lighting, cooking and heating. It is the best fuel that can be used for heating incubators and brooders. It is the most modern of all fuels and for sale everywhere. If your local dealer cannot supply you, I will, direct, at wholesale prices.

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QUINCY, ILLINOIS.

good hen rather on the Cochin type, too low on ground. Third, a good hen something on the type that won last year. Fourth, a good hen.

Cockerels.—First, a fine bird. Large, good cockerel, good type with no real faults showing. Second, a little high on leg and not as deep on keel as the winner, still a very good bird. Third, a very good colored bird. Fourth, very taking, and fifth, another good one. Pullets, first, a rattling good pullet, large, good shape, good color, a shade high on leg. Second, a good pullet, rather too much pushed out in comb, but very blocky in type. Third, another good colored pullet, and good type. Fourth and fifth, rare good pullets, and the sixth was very much on the same order as the first.

White Orpingtons.—The Owen Farms simply outdid themselves with a string of imported birds, showing them in beautiful condition and turning out the greatest piece of laundry work that has been seen in the Garden for many a day. These whites were shown beautiful. In cocks they run first and second with birds that were grand in every respect. The second had rather a better type, but was beefy in comb. The first was a good bird and shown in the pink of condition. Third, was a good bird, not shown to good advantage. Fourth and fifth, were good birds, suffering a little from a long journey. In hens the story was repeated. Owens came in with two beautiful birds, good all through. The second one, a trifle deficient in breast. Third, a very good type of bird. Fourth and sixth, good hens, rather out of condition.

Cockerels.—First, not as deep in body as last year's cockerels, but still a rare good bird, with splendid type and pure color. Second, a good white bird, trifle pinched in breast, good head and not so large boned. Third, on the same order except showing a little white in lobe. Fourth, a good bird, not showing well. Fifth, could have been placed higher and no harm done.

Pullets.—First, a crystal white, very good pullet, extra long in back. Second, another crystal Orpington, good type, but raised by a different breeder. Third, another crystal pullet not shown in the best of condition. Fourth, a very good one, and fifth and sixth were good pullets.

Black Minorcas.

There was quality to burn and I was sorry that I did not have the time to go through them as I should have done.

First, cockerel was a big stylish bird, good lobes, good color with a well serrated comb. Second, was very much of the same type and well worth its place. Third, not as good in lobe, nor in as good condition, but a remarkably large bird. First hen, very big bird, good comb, good color and nice lobes. Second, good size hen with good color and head points. Third, smaller, good type bird, poor lobe with a good comb. Fourth, a rare type bird, seems to have been misused. Quite a few broken feathers. I understand she traveled quite a distance and may have got roughly handled with the express company. First cockerel, a strapping big bird, good color, good lobes and good comb. Second, smaller with a nicely serrated comb, good lobes, a quality

bird throughout. Third, a fair size bird, ragged in tail, and puffed in face when I saw it.

Pullets.—First, a very nice bodied bird with a very neat head and good lobes. Second, not so good in color, good shape and with a very good comb. Third, good shape bird, but lacking size. Fourth, a very large size pullet, but poor color.

In Hamburgs there was very little competition, especially in blacks, silver pencilled and gold pencilled. Except gold pencilled hens there was one of the best gold pencilled Hamburgs I ever saw brought to light. She has a beautiful head, a fine Hamburg type all through with lacings that are a pleasure to handle. She certainly is an ideal hen. Second, are not so distinct and lacing, and third are only fair. In silver spangles, there were a couple of cockerels. First cockerel was a big, well spangled bird with a well worked comb and good lobes. Second one, in not quite as good condition, still a very good bird. First hen was a good, large, well spangled bird with very neat head points. Second, was not as large, but equally as good. Third, only fair. First cockerel, a good bodied bird, well spangled with good sickles and fairly good head. Second cockerel, good head, well worked comb, nicely spangled, and good length of feathers, but carried tail a trifle gay. Third, very fair bird. First pullet, a good, well spangled bird, but with very poor spike. Second, nicely spangled, but smaller and poor lobes. Third, very poor comb.

Indian Games.

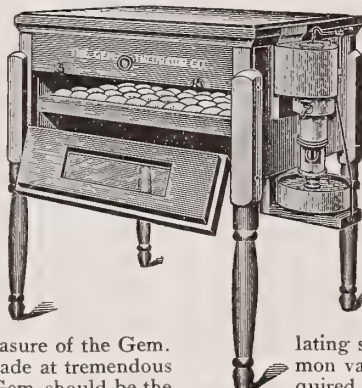
The Indian Games, outside of the

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Gentlemen:—Received the Peepie Gem Incubator all right some time ago and am well pleased with it. From 47 fertile eggs we got 40 healthy chicks. Lester C. M. Kunej.

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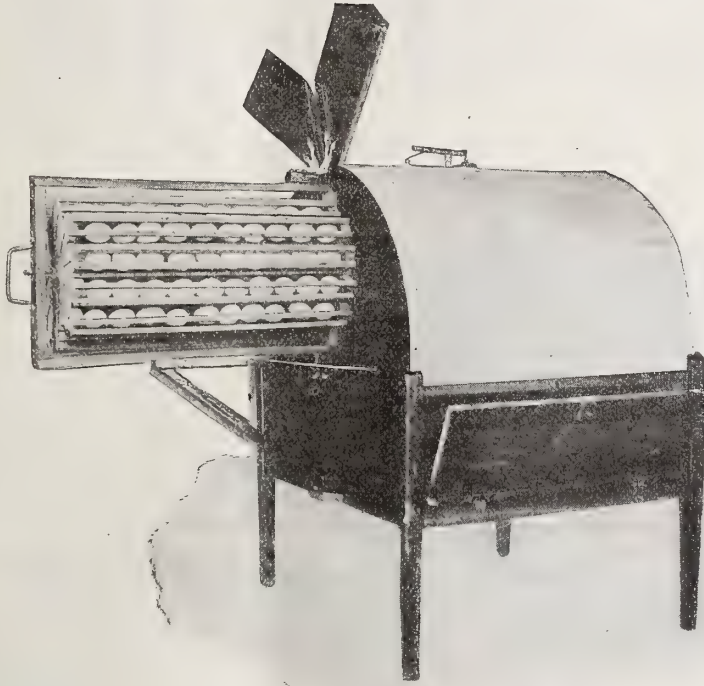
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W. M. Lininger, Box 153, Hinton, Okla.

prize winners, were not an exceptional quality lot, but the first prize birds were very easy to pick out. The first cock was a great bird, one of the best types ever seen in the Garden, bullock heart shape, good color, massive bone, without a fault, as wide as a house. Second, nice quality, but smaller. Third, very good type, great bone, poor feet. Fourth, too high on leg, good bodied bird. Fifth, too high on leg altogether. First hen, good shape, hen well laced, but inclined to be single instead of double. Second, a good hen, smaller and lacing not so distinct. Third, a fairly nice laced one with good type. Fourth, we thought the best laced bird in the class. Cockerels, first and second, owned by the same man. First, good shape, heavy bone, good color, standing well. Second, another good one, not quite as large. Third, too stilty. Fourth, a rather small, good quality bird. Fifth, out classed. Pullets, first and second, both to Templeton. First one, beautiful type, but inclined to single lacing. Second one, good type, good shape, good bone and poor lacing. Third, smaller, but very nicely laced. It seemed to be a fault with the female Indian Game, to have a tendency to single lacing, when our standard calls for double lacing. I know it is a hard thing to get the ideal double, but I think that too much lacing is not as bad as too little. The White Indian Games were not very good. The cockerels were very high on leg and the females too long on body, they were also brassy.

In the exhibition yards your reporter had no time to go through the whole list, so simply went through the Black Minorcas and Orpingtons. In Single Comb Buff Orpingtons, a splendid hen, a remarkable good male bird headed the pen, in fact, Mr. Delano said this was his best cock bird and should have been shown in the open class. He was mated up with four splendid females and was worthy of all he got. Second and third pens, Miss Hooker. Second pen headed by William, a bird imported two years ago from England. He is a good breeder and the only fault, a trifle high on leg and little cut away in breast, mated with four splendid type females. Third pen, not quite as good, but still pushing hard for honors. Fourth, Owen Farms, a rather pleasing pen well shown. Five and six, also good pens.

Single Comb Blacks.—First Foxhurst, a rare good quality pen well shown, headed by a remarkable good male with rather a poor comb. The females were A No. 1. Second pen, another good quality pen, very little to choose between them, in fact, in black pens the quality was superb and almost any one of the first four could have won.

Single Comb White Orpingtons was the surprise of the show. Harries, winning the blue on a good quality pen of pullets, headed by a good, large, strong white cockerel shown in the pink of condition. The only fault being one pullet, a little off color with rather poor legs. Second, Kellerstrass, a good pen with four fine females hardly as white as the first pen, with a rather

small boned male at the head, still he was good type, not shown in the best condition. Third, Cook & Sons, a good quality pen, still not shown in the best of condition, having some good quality birds in same. Fourth and fifth, replicas of the second and third, not quite as good in quality. Sixth, a very fair pen shown in good condition.

Black Minorcas.—First pen had a very large male with four good females. Second, a good quality pen well put together. Third, we considered the best pen of the lot, good size, good quality, and shown in good condition. Fourth and fifth, very good.

The class of Single Comb Rhode Island Reds consisted of 138 birds, including pens. The average quality was certainly a credit to the breed. The first single comb cockerel belonging to Mr. Tompkins, who also won both color and shape specials for best male. He was a fine large bird and it is needless to say had fine color and type. The first prize pullet was also awarded both color and shape specials and while she was a very fine specimen all around, it was generally conceded by the majority of Red breeders present, the second prize pullet was the better shaped bird.

Lester Tompkins, Concord, Mass., carried off the cream of the prizes in this class, besides winning first and fifth cock, first, second and fourth hen, first cockerel, third and fourth pullet and first pen; also color and shape specials on males. This is indeed quite a record to be won at the Garden and this one with Mr. Tompkins' late Chi-

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Morgantown, W. Va., Jan. 4, 1910.

Dear Sir:—Last spring I got some eggs of you and am very proud of the results, as I have one cockerel that is a true Edward B. Jr. At our recent show this cockerel won 1st, also specials for best Plymouth Rock male, best bird on exhibition, best cockerel of any variety, best specimen of any class, best bird in American class, best male bird in the show, making six specials in a class of 500 birds. Blood lines will tell. Yours respectfully,
S. B. Allen.

Reynolds, Ill., Dec. 27, 1909.

Dear Sir:—I have just learned that at the — show I won silver cup for the 10 highest scoring birds in the show, and I am pleased to say there were 78 White Rocks in the show, of which nearly all the good ones were Fishel Strain. I am more than pleased with results obtained from the eggs. I beg to remain
Yours very respectfully, P. N. Crabs.

Barnesville, Ga., Dec. 19, 1909.
Dear Sir:—The \$15 pen of White Plymouth Rocks bought of you have given the finest re-

sults and have paid for themselves in eggs alone, besides I have a nice flock of 40 young birds reared from them. Yours truly,
C. H. Humphrey.

Philadelphia, Pa., Sept. 27, 1909.

Dear Sir:—Birds arrived safely. Accept my warmest thanks for the selection. They are the most beautiful I have ever had. After being inspected by one who knows he remarked that "no where could they be duplicated at the price." Again thanking you, I beg to remain
Yours truly, C. G. Mueller.

What Others Say

about the treatment they have received at my hands will surely interest you and convince you that



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are all and more than we have ever claimed for them. Remember, our whole life has been devoted to the production of the very best possible in poultry. No wonder then our White Plymouth Rocks stand so far ahead of every other strain and are conceded everywhere to be

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U. R. Fishel, Box A, Hope, Ind.

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cago victory is certainly a credit to him. We understand the second prize cockerel should not have been placed, as the under color of his hackle had considerable white and the owner sold him for the insignificant sum of \$18.

The Rose Comb Rhode Island Red class consisted of 108 entries. The Ellenwood Farms, Hattboro, Pa., who had a big entry in this class, were not able to get their birds there on time, owing to the heavy snow storm, or there is no doubt but what the ribbons would have been placed differently. The class, however, attained exceptionally good quality and the first prize cockerel was indeed a wonder in color as well as a very fine shaped bird, winning the color special. The shape special, however, fell to the second prize cockerel, which was a very fine shaped specimen and deserved what he got. The first Rose Comb hen won both color and shape special and was a very fine specimen and the prizes were rightly placed. The first rose comb pullet was a very fine bird in both color and shape and there were many other good birds in this class who had to be left out of the money.

LIST OF EXHIBITORS.

Astoria Leghorn Yards, 240 Jamaica Ave., Astoria, L. I., N. Y.
 Almendinger, A. F., 42 Orton Pl., Buffalo, N. Y.
 Anderson, Louis, Bloomsbury, N. J.
 Armer, Fred, Ballston Spa, N. Y.
 Annandale Farm, Greenwich, Conn.
 Arthur, B. H., Gloversville, N. Y.
 Anderson, Adolph E., 35 Bellevue Ave., Bristol, Conn.
 Adams, James, R. F. D. No. 2, Poughkeepsie, N. Y.
 Alden, R. F., 25 Roosevelt Ave., Binghamton, N. Y.
 Adams, Newton, 109 Oneida St., Utica, N. Y.

Albers, Wm. F., 300 Rochester Ave., Brooklyn, N. Y.
 Allen, Hattie E., Great Kills, Staten Island, N. Y.
 Annandale Farm, Mt. Kisco, N. Y.
 Arnold, Chas. E., Babylon, L. I., N. Y.
 Andrews, E. B., 9 W. 17th St., New York City.
 Allen, Sidney C., Orchard Park, N. Y.
 Andruss, Dr. C. J., Canandaigua, N. Y.
 Adair, C. E., Elma Center, N. Y.
 Arnol, J. E., Spring Valley, N. Y.
 Anderson, Annesley M., Morton, Pa.
 Armstrong, R. H., 269 Jefferson Ave., Richmond Hill, S. I., N. Y.
 Alter, O. T. & C. M., Pittsburg, Pa.
 Anthony, Jacob, 1019 Court St., Portsmouth, Va.
 Ashley, Archie A., 59 Harrison Ave., Taunton, Mass.
 Ashman, Martin, 742 Green St., Allentown, Pa.
 Althea Farm, Darien, Conn.

Balch & Brown, Manchester, Conn.
 Brusie, Nelson, Salisbury Mills, N. Y.
 Braine, H. S., New Brighton, Pa.
 Bennett, A. G., 59 Hollywood Ave., East Orange, N. J.
 Ballygunge Farm, Oyster Bay, L. I., N. Y.
 Blackston Shed, Merchantville, N. J.
 Bennett, Henry Wallace, Brown, W. Va.
 Briarwood Farm, Chas. D. Halsey, Remsen, N. J.
 Bailey, A. S., Cobalt, Conn.
 Bloshke, Alfred H., 23 Orchard St., Bloomfield, N. J.
 Brokaw, H. L., 97 E. Main St., Somerville, N. J.
 Bean, Irving W., 115 Plain St., So. Braintree, Mass.
 Ballard, E. A., Chestnut Hill, Pa.
 Bogert, E. W., Port Washington, N. Y.
 Black Diamond Orpington Farm, Scranton, Pa.
 Burgott, Glenn H., Eden Center, N. Y.
 Bright, L. L., 1923 N. Main Ave., Scranton, Pa.
 Backus, Frank, Rensselaer Falls, N. Y.
 Bidgood Bros., Dover, N. J.
 Burch, Jas. S., Millbrook, N. Y.
 Bunk, H. W., Germantown, N. Y.
 Black & White Poultry Farm, Basking Ridge, N. J.
 Brinkerhoff, Geo. C., Rutherford, N. J.
 Benton, Harry S., So. Norwalk, Conn.
 Bowers, Wm. R., Brown Bldgs., 16 W. Saratoga St., Baltimore, Md.

Blodgett & Drake, Windsor, Conn.
 Brown, C. A., Sayville, L. I., N. Y.
 Bessom, Geo. E., Mansfield, Mass.
 Bean, F. G., Collegeville, Pa.
 Buck, H. C., 151 Montclair Ave., Montclair, N. J.
 Bartlett, M. A., 508 Lincoln Ave., Canton, Ohio.
 Ball, Geo., 24 E. Milton Ave., Rahway, N. J.
 Beattie, Geo. G., Caldwell, N. J.
 Best, C. W., 411 N. Church St., Charlotte, N. C.
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 Brubaker, E. E., Bird-in-Hand, Pa.
 Britton, Harry W., Moorestown, N. J.
 Banner Poultry Yards, Meadowbrook, Pa.
 Blake, W. J., Burnside, Conn.
 Benerlein, Mt. Morris, N. Y.
 Becker, Mrs. M. M., 84 Penna. Ave., Dover, N. J.
 Bowden, John, Box 20, Ridgetown, Ont., Canada.
 Brookside Poultry Farm, Bloomsbury, Pa.
 Betz, John, 23 Quitman St., Newark, N. J.
 Bohman, H. H., 32 Davis St., Danbury, Conn.
 Bird Bros., Meyersdale, Pa.
 Bonfoey, A. L., Higganum, Conn.
 Brundage, Chas. H., Mgr., Danbury, Conn.
 Bird, Geo. R., 85 Valley Road, West Orange, N. J.
 Bell, Geo., Voorheesville, N. Y.
 Bailey, C. K., Bethel, Conn.
 Brookline Pigmy Poultry Lofts, 2 Gardiner Road, Brookline, Mass.
 Booth, W. P., 368 Main St., Poughkeepsie, N. Y.
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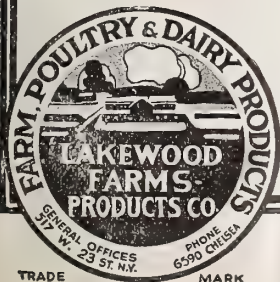
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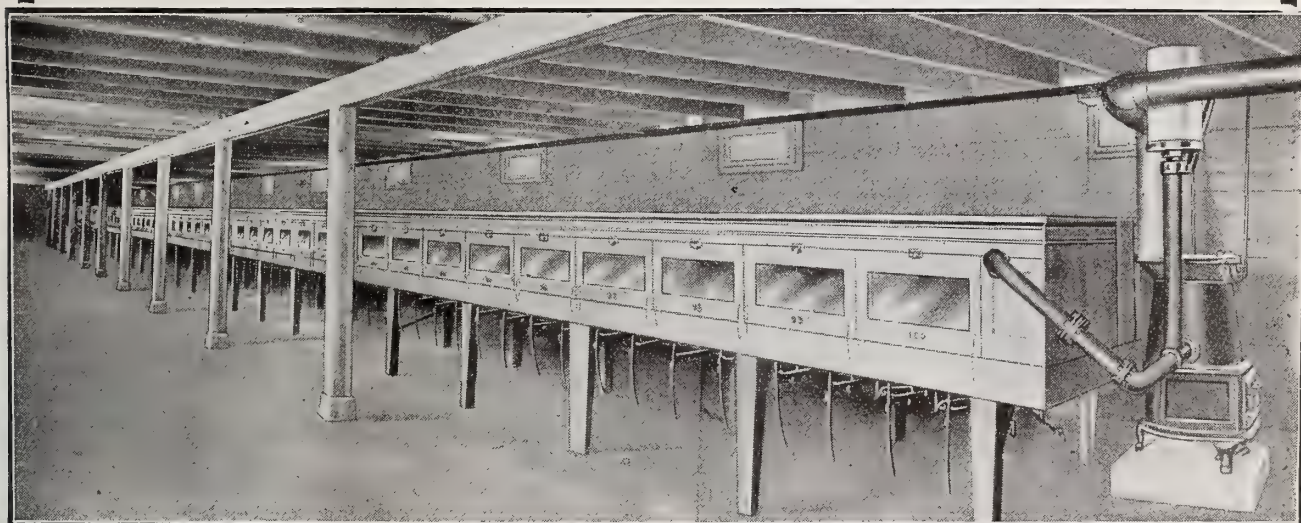
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Mr. C. W. Dorvall,
Lambton Quay, N. Z.

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HEAT—You can successfully brood eight hundred chickens at one time, fifty chicks in each lot in a Four-section, Upright, Indoor Paradise Brooder (each lot having a space 3 x 3½ ft.) with the use of one lamp, a blue-flame standard burner, with automatic oil feed. *The ages of the chicks may vary from one day to eight weeks old* and the chicks can be separated as to sizes, yet all will have just such conditions as are essential for their rapid development.

VENTILATION—Each section has two individual hovers, with separate runways, each hover having a fresh-air inlet directly connected with the outside of building, this air being moderately warmed before it enters hovers.

LIGHT—There are no felt curtains, no places to harbor lice, mites, etc., *but there is plenty of light.* The entire eight hundred chicks of all ages can be seen at one time almost at a glance.

WATER—Each section, each runway, has a constant supply of fresh, cool running water which feeds automatically from a drip tank located on the top section.

PLACES TO USE—Should be operated in a dwelling house, store room, stable, poultry building or other structure where the temperature does not go much below freezing. Will give excellent satisfaction in any of these locations. *No better or more convenient place can be found than a room in an ordinary dwelling.* Two brooders complete, four sections each, having a combined capacity of sixteen hundred (1,600) chicks, can be operated in a room 12x12 ft. with every convenience. Size of each brooder (floor space) is 3x7 ft., and an eighteen or twenty-four inch aisle is needed at ends and sides for operator.

IDEAL NURSERY—One of these brooders complete can be located to advantage in each runway of an ordinary brooding house that is heated by hot-water pipes or equipped with individual floor brooders and will serve as a first-class nursery for newly hatched chicks, thus greatly increasing the capacity of the house and giving the owner a place in which to brood his youngest chicks where they will be under perfect control every hour of the day or night.

DAY-OLD CHICKS—The Paradise Brooder is just the thing for poultrymen dealing in day-old chicks who need comfortable and safe quarters in which to keep newly hatched chicks a few hours or a few days until they are shipped away on orders. *It is equally valuable for all persons who buy day-old chicks.*

SAMPLE TESTIMONIALS

Cyphers Incubator Co.—

Angola, N. Y., April 8, 1908

We are using the Paradise Brooders in connection with our 170-foot brooding house. By doing so we have a capacity of 5,000 chicks at one time. Our chicks are taken from the incubators to the Paradise Brooders and kept there for three weeks, then transferred to the hot-water pipe system. This plan is giving perfect satisfaction. One thing we especially like about the Paradise Brooder, you can see nearly all the chicks any time at a glance. The glass and wire keep every chick in sight—different from the old-style dark hovers. Very truly yours,
WM. J. CONNORS POULTRY FARM,
Robt. Herman, Superintendent.

Cyphers Incubator Co.—

San Antonio, Texas, August 11, 1908

The fifteen sections have been in continuous use since I installed them, with fifty chicks to the hover, and even with the intense heat of a Texas summer we have averaged less than one-half of one per cent. death loss, and saved at least three-quarters the labor, while the growth of the chicks has been astonishing—my comparison of results is by the practical test of brooding as the outdoor brooder loss was seven to ten per cent. with same feed, care and attention, so hereafter the Paradise Sectional Brooder for me as the nursery home until the danger period is past. With best wishes I am, Yours very truly,
WALTER B. FRANKLIN, Manager.

Cyphers Incubator Co.—

Pine Ridge, Buffalo, N. Y., December 20, 1909

My poultryman has used one of the Paradise, Four-section Upright, Indoor Brooders since last February and has raised in it eight different lots of chicks with practically no loss. Yesterday we took 114 chickens out of this brooder that were raised in it until nine weeks old, Leghorns, Houdans, etc., and they weighed a pound to a pound and a quarter each, just right for squab broilers. The fore part of October, 116 chicks—all we hatched at that time—were put in this brooder and we lost only two, both by accident. I believe the Paradise Brooder is the best indoor brooding device ever invented for raising chicks to broiler size. It is cheaper to buy, easier to use and far more economical than the ordinary floor brooders. Yours truly,
GEO. URBAN, Jr.

Cyphers Incubator Co.—

Athol Springs, N. Y., January 15, 1910

I installed a four-section Paradise Brooder in my stable last March on the Lake Shore and raised chickens in it all spring and summer with fine success. There was no auxiliary heat in the stable and the double doors were opened a number of times each day. I now have it in operation in an unheated room of my new poultry house. At first my men—gardeners by trade—looked askance at this type of brooder, but it was not long before they discarded the floor brooders for this one and now they are not willing to use anything else. I shall order more of them this season. Very truly yours,
H. A. FORMAN.



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(Showing Four Sections)

The operator can use one or several sections at a time—one lamp and water tank does for all. This brooder is the result of years of study and test by practical poultrymen. It has been in general public use three years. Sold in one, two, three or four sections.

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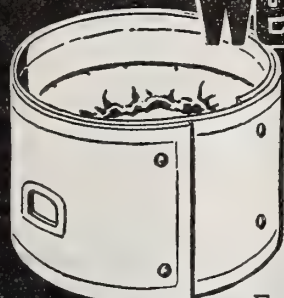
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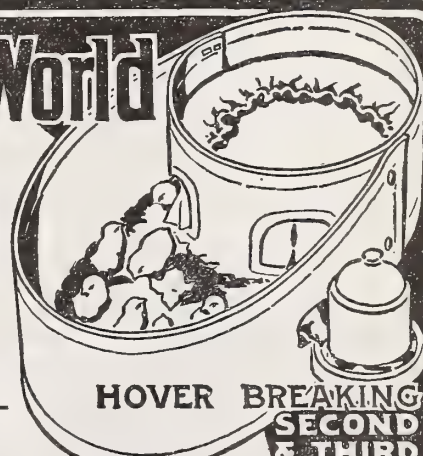
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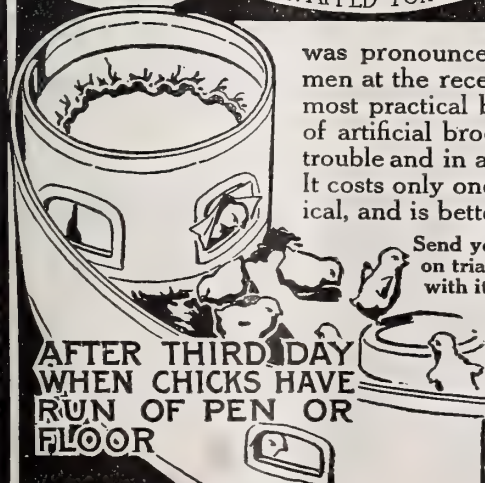
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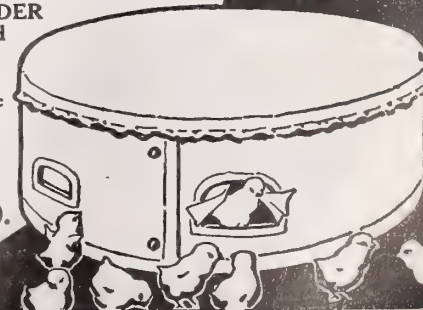
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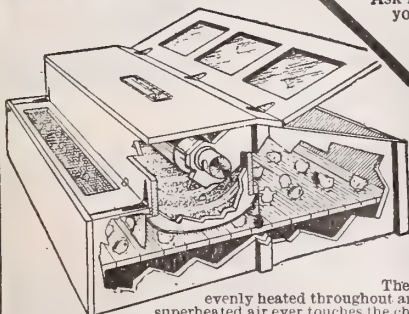
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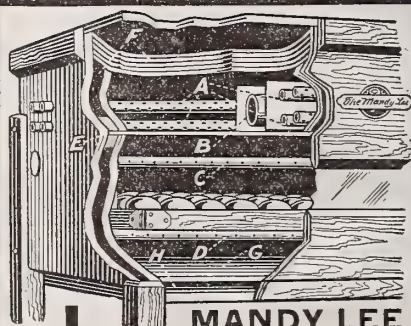
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Win at Oregon, first, second, third and fourth cockerel; first, second and fourth pullet; first pen; eight young birds entered; Shaner, judge. At Polo, first and fourth cockerel; second and fourth pullet; first, second and fourth hen; first cock; first and third pen; display cup; club specials for best shaped female, best colored female, best shaped male, best colored male and others; Hale, judge. At Rockford, first, second and fourth cockerel; third pullet, tied for first pen, winning second; silver cup; specials and others; Russell, judge. We want to send you a pair, trio or pen of birds mated to produce above quality; good cockerels, also pullet or cockerel bred. Write your wants. Circular. Satisfaction guaranteed. :: :: :: :: :: :: :: :: :: ::

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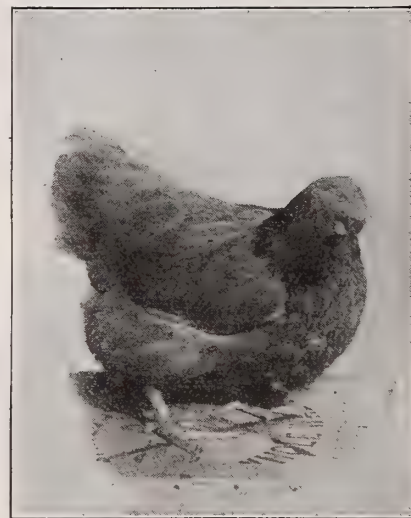
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COCKERELS—1st, Frank L. Smith; 2d, River Home Poultry Yards; 3d, 4th, 5th, Balch & Brown.
PULLETS—1st, 2d, 3d, 4th, Balch & Brown; 5th, River Home Poultry Yards.
DARK BRAHMAS: Cocks—1st, 2d, J. E. Arnol; 3d, Newton Adams; 4th, Arthur H. Leach; 5th, Dr. S. Lott.
Hens—1st, 2d, Newton Adams; 3d, Dr. S. Lott; 4th, W. Q. Minturn & Son; 5th, J. E. Arnol.
COCKERELS—1st, 3d, Newton Adams; 2d, 4th, J. E. Arnol; 5th, Arthur Leach.
PULLETS—1st, 2d, Newton Adams; 3d, 5th, J. E. Arnol; 4th, Dr. S. Lott.
BUFF COCHINS: Cocks—1st, C. W. Case; 2d, George Ball; 3d, 5th, Thomas Curry; 4th, Holmhurst Poultry Yards.
Hens—1st, 5th, C. W. Case; 2d, George Ball; 3d, Thomas Curry; 4th, Holmhurst

Poultry Yards. Cockerels—1st, Holmhurst Poultry Yards; 2d, 5th, Thomas Curry; 3d, Mrs. Cora I. North; 4th, C. W. Case. Pullets—1st, Holmhurst Poultry Yards; 2d, C. W. Case; 3d, 5th, Thomas Curry; 4th, Mrs. Cora I. North.

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WHITE COCHINS: Cocks—1st, Hugh A. Rose; 2d, Adolph E. Anderson. Hen—1st, Adolph Anderson; 2d, Hugh A. Rose. Cockerel—1st, Adolph Anderson; 2d, Hugh A. Rose. Pullets—1st, Adolph Anderson; 2d, Hugh A. Rose.

BLACK LANGSHANS: Cocks—1st, C. G. Lee; 2d, William Freeburn; 3d, Elm Poultry Yards; 4th, Alfred H. Bloshke. Hen—1st, Rose Court Poultry Yards; 2d, Elm Poultry Yards; 3d, William H. Freeburn; 4th, 5th, C. G. Lee. Cockerel—1st, 3d, C. G. Lee; 2d, Wm. B. Freeburn; 4th, Oscar W. Payne; 5th, Geo. Urban, Jr. Pullet—1st, 2d, C. G. Lee; 3d, 4th, Geo. Urban, Jr.; 5th, A. A. Winkler.

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WHITE PLYMOUTH ROCKS: Cocks—1st, Grey Stone Poultry Farm; 2d, 6th, Owen Farms; 3d, 5th, R. S. Chalker; 4th, G. D. Tilley. Hens—1st, 5th, Greystone Poultry Farm; 2d, R. S. Chalker; 3d, Elm Poultry Yards; 4th, M. J. Landers; 6th, Owen Farms. Cockerels—1st, 5th, G. D. Tilley; 2d, Owen Farms; 3d, 4th, M. J. Landers; 6th, Jacob Dam. Pullets—1st, Greystone Poultry Farm; 2d, 3d, 6th, Owen Farms; 4th, A. L. Russell; 5th, Elm Poultry Yards.

BUFF PLYMOUTH ROCKS: Cocks—1st, John W. Poley; 2d, Stephen Marsh; 3d, Oak Hill Poultry Yards; 4th, E. H.

Lichenwalter; 5th, M. J. Corey. Hens—1st, 2d, John W. Poley; 3d, Wm. J. H. Goetz; 4th, Fred Armer; 5th, E. H. Lichenwalter. Cockerels—1st, S. H. Harter; 2d, Englewood; 3d, Ed Minard; 4th, E. H. Lichenwalter; 5th, F. S. Frasier. Pullets—1st, S. H. Harter; 2d, 5th, John W. Poley; 3d, John L. Waddell; 4th, Edward A. Willes.

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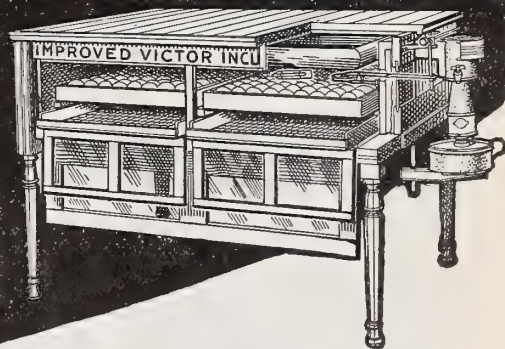
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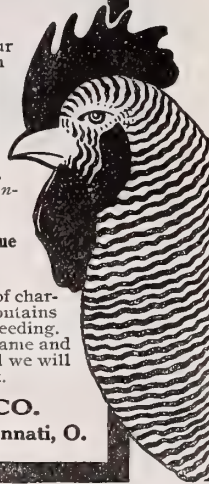
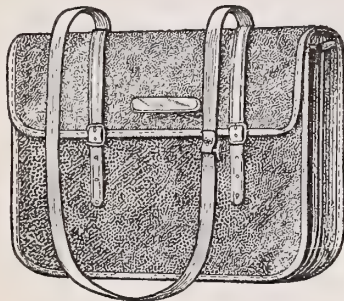
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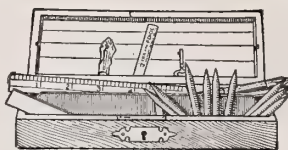
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BUFF WYANDOTTES: Cocks—1st, 3d, Dr. N. W. Sanborn; 2d, Calvin Hicks; 4th, Stuart A. Howland; 5th, J. E. Will-



"Pet," first S. C. White Orpington pullet, Cincinnati, Ohio, 1909. Owned by McNary & Smith, Bannock, Ohio.

marth. Hens—1st, T. S. Hewke; 2d, 4th, William Edgar; 3d, Stuart A. Howland; 5th, R. G. Pensyl. Pullets—1st, Stuart A. Howland; 2d, C. F. Smithers & Co.; 3d, 4th, L. D. Howell; 5th, Geo. M. Bell.

PARTRIDGE WYANDOTTES: Cocks—1st, M. H. Coffin; 2d, Wm. R. Johnson; 3d, 4th, Bird Bros.; 5th, Harry M. Gates. Hens—1st, M. H. Coffin; 2d, 3d, 4th, Bird Bros.; 5th, Harry M. Gates. Cockerels—1st, 4th, 5th, Bird Bros.; 2d, Rogers & Packard; 3d, M. H. Coffin. Pullets—1st, C. E. Clinton; 2d, 3d, 4th, 5th, Bird Bros.

SILVER PENCILLED WYANDOTTES: Cocks—1st, James S. Wasson; 2d, J. J. Smith & Son; 3d, Edward Oyster; 4th, Austin G. Warner; 5th, Dennis Shea. Hens—1st, James S. Wasson; 2d, Fred Woodruff; 4th, Dennis Shea; 5th, Austin G. Warner. Cockerels—1st, Fred Woodruff; 2d, Edward Oyster; 3d, James M. Fuller. Pullets—1st, James M. Fuller; 2d, Fred Woodruff.

COLUMBIAN WYANDOTTES: Cocks—1st, D. Lincoln Orr; 2d, 4th, J. P. Keating; 3d, 5th, Horace Porter. Hens—1st, Dr. C. J. Andruss; 2d, J. P. Keating; 3d, 4th, Sunnybrook Farm; 5th, W. D. Campbell. Cockerels—1st, 4th, D. Lincoln Orr; 2d, 3d, J. P. Keating; 5th, F. A. Coles. Pullets—1st, Tannenbaum Farm; 2d, Harry B. Miller; 3d, Sunnybrook Farm; 4th, F. A. Coles; 5th, R. F. Alden.

BUCKEYES: Cocks—1st, 2d, R. A. Robertson. Pullets—1st, 2d, R. A. Robertson.

AMERICAN DOMINQUES: Cocks—1st, Wm. H. Davenport; 2d, 3d, 4th, Dr. Skerritt & Son. Hens—1st, Wm. H. Davenport; 2d, 3d, Dr. Skerritt & Son. Cock-

erels—1st, 3d, Wm. H. Davenport; 2d, A. Q. Carter; 4th, 5th, Dr. Skerritt & Son. Pullets—1st, 5th, Dr. Skerritt & Son; 2d, 4th, Wm. H. Davenport; 3d, A. Q. Carter.

ANCONAS: Cocks—1st, 2d, 4th, H. Cecil Sheppard; 3d, Frank W. Mains. Hens—1st, 2d, H. Cecil Sheppard; 3d, 5th, Frank W. Mains; 4th, W. A. Ellison. Cockerels—1st, 3d, 4th, H. Cecil Sheppard; 2d, 5th, Frank W. Mains. Pullets—1st, 5th, Frank W. Mains; 2d, 3d, 4th, H. Cecil Sheppard.

S. C. RHODE ISLAND REDS: Cocks—1st, 5th, Lester Tompkins; 2d, Frank D. Read; 3d, M. S. Gardner; 4th, Pure Strain Farms. Hens—1st, 2d, 4th, Lester Tompkins; 3d, Clinton Terwilliger; 5th, Frank D. Read. Cockerels—1st, Lester Tompkins; 2d, Frank D. Read; 3d, Dr. M. Lee-Smith; 4th, James Rankin; 5th, J. A. Rose. Pullets—1st, 5th, M. S. Gardner; 2d, James Rankin; 3d, 4th, Lester Tompkins.

R. C. RHODE ISLAND REDS: Cocks—1st, 5th, Kaufman & Windheim; 2d, Sinclair Smith; 3d, Oak Nest Farm; 4th, Pure Strain Farms. Hens—1st, Red Feather Farm; 2d, E. W. Bogert; 3d, Irving W. Bean; 4th, Sinclair Smith; 5th, Skylands. Cockerels—1st, 2d, 3d, Irving W. Bean; 4th, Annesley M. Anderson; 5th, Herbert Strong. Pullets—1st, Irving W. Bean; 2d, Annesley M. Anderson; 3d, H. W. Hazelton; 4th, Kaufmann & Windheim; 5th, Sinclair Smith.

WHITE DORKINGS: Cocks—1st, Henry Hales. Hens—1st, Henry Hales.

SILVER GREY DORKINGS: Cocks—



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1st, 2d, Watson Westfall; 3d, 4th, M. R. Jacobus; 5th, Henry Hales. Hens—1st, 3d, 5th, M. R. Jacobus; 2d, 4th, Watson Westfall. Cockerels—1st, Watson Westfall; 2d, 4th, M. R. Jacobus; 3d, Henry Hales. Pullets—1st, Watson Westfall; 2d, Henry Hales; 3d, 4th, 5th, M. R. Jacobus.

S. C. BUFF ORPINGTONS: Cocks—1st, H. H. Kingston, Jr.; 2d, Owen Farms; 3d, Miss Henrietta E. Hooker; 4th, Ingle-sand Poultry Yards; 5th, Wm. Cook & Sons. Hens—1st, 4th, 5th, Sunswick Poultry Farms; 2d, Owen Farms; 3d, J. W. Clarke; 6th, Miss Henrietta E. Hooker. Cockerel—1st, J. W. Clark; 2d, Miss Henrietta E. Hooker; 3d, Owen Farms; 4th, M. B. Richardson, Jr.; 5th, Wm. F. Walker; 6th, Geo. E. Besson. Pullets—1st, Dunrobin Farm; 2d, H. H. Kingston, Jr.; 3d, A. W. E. Hellyer; 4th, Geo. W. Howie; 5th, Owen Farms.

R. C. BUFF ORPINGTONS: Cocks—1st, B. C. Roecker; 2d, Owen Farms; 3d, Wm. Cook & Sons. Hens—1st, B. C. Roecker; 2d, 4th, S. D. Lance; 3d, Wm. Cook & Sons. Cockerels—1st, Wm. Cook & Sons; 2d, 4th, S. D. Lance; 3d, B. E. Roecker. Pullets—1st, 2d, W. C. & H. B. Williams; 3d, B. C. Roecker; 4th, Wm. Cook & Sons.

S. C. BLACK ORPINGTONS: Cocks—1st, 6th, Foxhurst Farm; 2d, Dr. Knapp; 3d, Sunswick Poultry Farm; 4th, Mountain View Farm; 5th, Craig & Mapes. Hens—1st, Black Diamond Orpington Farm; 2d, Dr. Knapp; 3d, Foxhurst Farm; 4th, Mountain View Farm; 5th,

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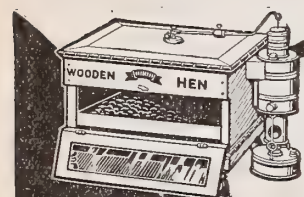


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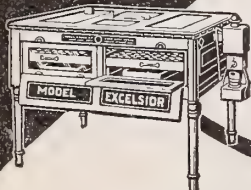
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S. C. WHITE LEGHORNS: Cocks—1st, 2d, 4th, 5th, D. W. Young; 3d, Whiting Farms. Hens—1st, 5th, D. W. Young; 2d, 3d, Whiting Farms; 4th, Elm Poultry Farm. Cockerels—1st, 2d, 3d, 4th, 6th, D. W. Young; 5th, Pine Top Poultry Farm. Pullets—1st, W. J. Blake; 2d, Rock Hill Poultry Farm; 3d, Oakland Poultry Farm; 4th, D. W. Young; 5th, 6th, Pine Top Poultry Farm.

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WHITE MINORCAS: Cocks—1st, 3d, Harvey J. Teetz; 2d, C. Augustus Raschke. Hens—1st, 3d, Harvey J. Teetz; 2d, C. Augustus Raschke; 4th, Maurice L. Wingerd. Cockerels—1st, 2d, Harvey J. Teetz; 3d, C. Augustus Raschke. Pullets—1st, 2d, Harvey J. Teetz; 3d, C. Augustus Raschke.

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BLUE ANDALUSIANS: Cocks—1st, 2d, Llangellen Farm; 3d, 4th, Banner Poultry Yards. Hens—1st, 3d, Banner Poultry Yards; 2d, O. T. & C. M. Alter; 4th, 5th, Llangellen Farm. Cockerels—1st, 4th, Llangellen Farm; 2d, O. T. & C. M. Alter; 3d, V. H. Council; 5th, Banner Poultry Yards. Pullets—1st, 2d, Llangellen Farm; 3d, V. H. Council; 4th, 5th, Banner Poultry Yards.

BLACK SPANISH: Cockerels—1st, W. Hugh Kennedy. Pullets—1st, W. Hugh Kennedy.

WHITE CRESTED POLISH: Cocks—1st, Mrs. John Mayer, Jr.; 2d, Rose Court Poultry Yards. Hens—1st, 2d, Mrs. John Mayer; 3d, Rose Court Poultry Yards. Cockerels—1st, Mrs. John Mayer, Jr.; 2d, Rose Court Poultry Yards. Pullets—1st, Rose Court Poultry Yards; 2d, Mrs. John Mayer, Jr.

GOLDEN POLISH: Cocks—1st, Rose Court Poultry Yards. Hens—1st, Rose Court Poultry Yards.

SILVER POLISH: Cocks—1st, Hiram W. Schreiver. Hens—1st, Hiram W. Schreiver. Cockerels—1st, Rose Court Poultry Yards; 2d, Hiram W. Schreiver. Pullets—1st, Hiram W. Schreiver.

BEARDED GOLDEN POLISH: Pullets—1st, Hiram W. Schreiver.

BUFF LACED POLISH: Cocks—1st, 2d, Llangellen Farm. Hens—1st, 2d, Llangellen Farm.

GOLDEN SPANGLED HAMBURGS: Cockerels—1st, Oke & Murray. Pullets—1st, Oke & Murray.

SILVER SPANGLED HAMBURGS: Cocks—1st, Robert Treat Paine, Jr.; 2d, Oke & Murray. Hens—1st, Robert T. Paine, Jr.; 2d, Oke & Murray; 3d, Riverview Poultry Yards. Cockerels—1st, Robert T. Paine, Jr.; 2d, Oke & Murray; 3d, Riverview Poultry Yards. Pullets—1st, Robert T. Paine, Jr.; 2d, Llangellen Farm; 3d, Oke & Murray.

GOLDEN PENCILLED HAMBURGS: Cocks—1st, Oke & Murray. Hens—1st, Oke & Murray; 2d, M. R. Jacobus; 3d, Rose Court Poultry Yards. Cockerels—

1st, Oke & Murray. Pullets—1st, Oke & Murray.

SILVER PENCILLED HAMBURGS: Cocks—1st, Oke & Murray. Hens—1st, Oke & Murray. Cockerels—1st, Oke & Murray. Pullets—1st, Oke & Murray.

BLACK HAMBURGS: Cockerels—1st, Oke & Murray. Pullets—1st, Oke & Murray.

HOUDANS: Cocks—1st, 4th, 5th, E. J. Beresford; 2d, Henry Springman; 3d, Chas. DeL. Crosby. Hens—1st, 2d, 4th, E. J. Beresford; 3d, Llangellen Farm; 5th, Rose Court Poultry Yards. Cockerels—1st, 3d, 5th, E. J. Beresford; 2d, E. A. Ballard; 4th, Rose Court Poultry Yards. Pullets—1st, 2d, 3d, 4th, E. J. Beresford; 5th, Llangellen Farm.

LA FLECHE: Cocks—1st, Elm Poultry Yards. Hens—1st, Elm Poultry Yards.

SALMON FAVEROLLES: Cocks—1st, 2d, Otto Keck. Hens—1st, 4th, Mrs. C. S. Hanna; 2d, 3d, Otto Keck. Pullets—1st, 2d, Otto Keck.

LAKENVELDERS: Cocks—1st, 3d, 4th, Ralph C. Green; 2d, 5th, Rose Court Poultry Yards. Hens—1st, 3d, 4th, Ralph C. Green; 2d, Rose Court Poultry Yards. Cockerels—1st, 2d, 3d, Ralph C. Green; 4th, B. & R. Cobb. Pullets—1st, 2d, 3d, Ralph C. Green; 4th, B. & R. Cobb.

PEKIN DUCKS (hatched 1908): Drake—1st, Westlook Farm; 2d, Thomas G. Samuels; 3d, 5th, Evelyn Heights Farm; 4th, Eugene Sites. Ducks—1st, Westlook Farm; 2d, 4th, Evelyn Heights Farm; 3d, Eugene Sites; 5th, Thomas G. Samuels.

PEKIN DUCKS (hatched 1909): Ducks—1st, Evelyn Heights Farm; 2d, Westlook Farm; 3d, Thomas G. Samuels. Ducks—1st, Thomas G. Samuels; 2d, Evelyn Heights Farm; 3d, Westlook Farm.

ROUEN DUCKS (hatched prior to 1909): Drakes—1st, 4th, Louis S. Schran; 2d, Wyleyhurst Farm; 3d, Skylands; 5th, Geo. Seeley & Sons. Ducks—1st, 2d, Louis S. Schran; 3d, Skylands; 4th, Wyleyhurst Farm; 5th, Geo. Seeley & Son.

ROUEN DUCKS (hatched 1909): Drakes—1st, John Brett; 2d, Louis B. Schran; 3d, Skylands; 4th, Edwin H. Morris. Ducks—1st, Edwin H. Morris; 2d, John Brett; 3d, Skylands; 4th, Louis B. Schran.

MUSCOVY DUCKS (hatched prior to 1909): All to Harry Carpenter.

WHITE CRESTED DUCKS: Drakes—1st, Hiram W. Schreiver; 2d, Wyleyhurst

Farm. Ducks—1st, Hiram W. Schreiver; 2d, Wyleyhurst Farm.

SWEDISH DUCKS: All to Edwin H. Morris.

AYLESBURY DUCKS: Drakes—1st, Wyleyhurst Farm; 2d, Edwin H. Morris. Ducks—1st, Edwin H. Morris.

AYLESBURY DUCKS (young): Drakes—All to Edwin H. Morris.

INDIAN RUNNER DUCKS: Drakes—1st, Eugene Sites; 2d, R. F. Galleher; 3d, Westlook Farm; 4th, 5th, G. D. Tilley. Ducks—1st, 2d, Eugene Sites; 3d, Westlook Farm; 4th, 5th, G. D. Tilley.

INDIAN RUNNER DUCKS (hatched 1909): Drakes—All to G. D. Tilley. Ducks—1st, 2d, 3d, 4th, G. D. Tilley; 5th, Edwin H. Morris.

BUFF ORPINGTON DUCKS (any age): Drakes—1st, Dunrobin Farms; 2d, Edwin H. Morris; 3d, 5th, Mrs. Agnes Sturges; 4th, Wm. Cook & Sons. Ducks—1st, Dunrobin Farm; 2d, Edwin H. Morris; 3d, Mrs. Agnes Sturges; 4th, Wm. Cook & Sons.

WHITE CALL DUCKS: Drakes—1st, J. D. Rake.

BRONZE TURKEYS: Cocks—1st, 3d, 5th, Bird Bros.; 2d, Webster A. J. Kenny; 4th, Albert J. Kreutter. Hens—1st, 3d, 5th, Bird Bros.; 2d, E. A. George; 4th, Kendall & Langley. Cockerels—1st, 2d, 3d, 4th, Bird Bros.; 5th, Pullins Bros. Pullets—1st, Webster A. J. Kenny; 2d, 4th, Bird Bros.; 3d, Kendall & Langley; 5th, Pullins Bros.

BOURBON RED TURKEYS: Cocks—1st, Dysart Bros.; 2d, Sunny Brook Farm. Hens—1st, Dysart Bros.; 2d, Sunny Brook Farm.

WHITE TURKEYS: Cocks—1st, Geo. H. Moss; 2d, Albert J. Kreutter; 3d, Royal Farms; 4th, Fred Harries; 5th, A. Hunniford. Hens—1st, 2d, Albert J. Kreutter; 3d, Geo. H. Moss; 4th, Fred Harries; 5th, Geo. T. Linton. Cockerels—1st, 3d, Albert J. Kreutter; 2d, J. H. Stickles. Pullets—1st, J. H. Stickles; 2d, 3d, Albert J. Kreutter.

NARRAGANSETT TURKEYS: Cocks—1st, Sunny Brook Farm. Hens—1st, Sunny Brook Farm.

SLATE TURKEYS (any age): Cocks—1st, Miss Sara A. Little; 2d, Sunny Brook Farm. Hens—1st, Miss Sara A. Little; 2d, Sunny Brook Farm.

BLACK TURKEYS (any age): Cocks—1st, Geo. Seeley & Son; 2d, Sunny Brook Farm. Hens—1st, Geo. Seeley & Son; 2d,



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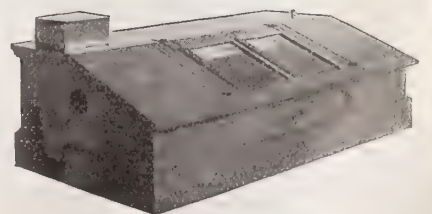
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TOULOUSE GEESE: Young ganders—1st, Kendall & Langley; 2nd, Webster A. J. Kenney; 3d, James C. Seeley & Son. Geese—1st, Kendall & Langley; 2d, Webster A. J. Kenney; 3d, James C. Seeley & Son.

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AFRICAN GEESE (any age): Ganders—1st, Chas. McClave; 2d, Sunny Brook Farm. Geese—1st, Chas. McClave; 2d, Sunny Brook Farm.

ANY OTHER VARIETY GEESE (any age): Ganders—1st, Westlook Farm; 2d, 3d, G. D. Tilley. Geese—1st, 2d, G. D. Tilley.

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WHITE GAME BANTAMS: Cocks—1st, 2d, Havemeyer Bros. Hens—1st, 3d, Havemeyer Bros.; 2d, Wild Goose Farm. Cockerels—All to Havemeyer Bros. Pullets—All to Havemeyer Bros.

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GOLDEN SEBRIGHT BANTAMS: Cocks—1st, 3d, Hanson R. Duval; 2d, Oke & Murray; 4th, Eddy & Young; 5th, A. Hungerford. Cockerels—1st, A. Hungerford; 2d, 4th, 5th, Hanson R. Duval; 3d, Hugh A. Rose. Pullets—1st, 4th, 5th, Hanson R. Duval; 2d, Hugh A. Rose; 3d, Oke & Murray.

SILVER SEBRIGHT BANTAMS: Cocks—1st, Oke & Murray; 2d, Demmy Bros.; 3d, A. Hungerford; 4th, J. Stewart Foulke. Hens—1st, Oke & Murray; 2d, 3d, T. Stewart Foulke; 4th, Frank W. Mains; 5th, Demmy Bros. Cockerels—1st, Rose Court Poultry Yards; 2d, Demmy Bros.; 3d, Hanson R. Duval; 4th, Oke & Murray; 5th, Hugh A. Rose. Pullets—1st, Oke & Murray; 2d, 5th, A. Hungerford; 3d, Hugh A. Rose; 4th, Demmy Bros.

R. C. BLACK BANTAMS: Cocks—1st, 2nd, G. D. Tilley; 3d, Grove Hill Poultry Yards; 4th, Oke & Murray; 5th, Miss Wieners. Hens—1st, 4th, G. D. Tilley; 2d, Wild Goose Farm; 3d, Miss Selma Wieners; 5th, Oke & Murray. Cockerels—1st, 3d, Wild Goose Farm; 2d, J. B. Carrick; 4th, G. D. Tilley; 5th, Oke & Murray. Pullets—1st, 2d, 3d, G. D. Tilley; 4th, Miss Selma Wieners; 5th, Wild Goose Farm.

R. S. WHITE BANTAMS: Cocks—1st, 3d, Wild Goose Farm; 2d, Oke & Murray. Hens—1st, Oke & Murray; 2d, 3d, Wild Goose Farm; 4th, Eddy & Young. Cockerels—1st, Oke & Murray. Pullets—1st, Oke & Murray; 2d, 3d, Wild Goose Farm; 4th, Eddy & Young.

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WHITE COCHINS BANTAMS: Hens—1st, Rose Court Poultry Yards; 2d, Arthur E. Jessel; 3d, 4th, F. O. Megargee & Co. Cockerels—1st, F. O. Megargee & Co.; 2d, A. Hungerford. Pullets—1st, 2d, F. O. Megargee & Co.

BLACK COCHIN BANTAMS: Cocks—1st, W. J. Connor; 2d, F. O. Megargee & Co.; 3d, E. R. Collins & Son; 4th, T. L. Watt, Jr.; 5th, Howard Fraleigh. Hens—1st, E. R. Collins & Son; 2d, 5th, Arthur A. Jesenhaus; 3d, Howard Fraleigh; 4th, W. R. Bowers. Cockerels—1st, W. J. Connor; 2d, Howard Fraleigh; 3d, T. L. Watt, Jr.; 4th, W. R. Bowers; 5th, Ed Memann. Pullets—1st, W. J. Connor; 2d, W. R. Bowers; 3d, Arthur A. Jesenhaus; 4th, E. R. Collins & Son; 5th, Howard Fraleigh.

PARTRIDGE COCHIN BANTAMS: Cocks—1st, F. O. Megargee & Co. Hens—1st, F. O. Megargee & Co. Pullets—1st, 2d, F. O. Megargee & Co.

LIGHT BRAHMA BANTAMS: Cocks—1st, 3d, Shaw & McIntosh; 2d, 5th, J. Hart Welch; 4th, Central Bantam Yards. Hens—1st, 2d, 4th, J. Hart Welch; 3d, 5th, Shaw & McIntosh; 3d, 4th, J. Hart Welch. Pullets—1st, 2d, Shaw & McIntosh; 3d, J. Hart Welch.

DARK BRAHMA BANTAMS: Cocks—1st, Stockel Bros. Hens—1st, 2d, Stockel Bros.; 3d, James F. Wilson, Jr.

WHITE JAPANESE BANTAMS: Cocks—1st, Wm. F. Albers; 2d, Eddy & Young; 3d, Oke & Murray. Hens—1st, Wm. F. Albers; 2d, Oke & Murray. Pullets—1st, Oke & Murray.

BLACK JAPANESE BANTAMS: Cocks—1st, Oke & Murray. Hens—1st, Oke & Murray. Cockerels—1st, Oke & Murray. Pullets—1st, Oke & Murray.

BLACK-TAILED JAPANESE BANTAMS: Cocks—1st, Fred W. Otte; 2d, G. D. Tilley; 3d, Oke & Murray. Hens—1st, Wm. F. Albers; 2d, Mrs. M. M. Becker; 3d, Oke & Murray. Cockerels—1st, Oke & Murray. Pullets—1st, Wm. F. Albers; 2d, Oke & Murray; 3d, Fred W. Otte; 4th, 5th, G. D. Tilley.

JAPANESE BANTAMS: A. O. V. Cocks—1st, Wm. F. Albers; 2d, Oke & Murray; 3d, J. Nelson Gould. Hens—1st, Wm. F. Albers; 2d, Oke & Murray. Cockerels—1st, Fred W. Otte. Pullets—1st, Wm. F. Albers; 2d, Oke & Murray; 3d, Fred W. Otte.

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Exhibition Yards.

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DARK BRAHMAS: 1st, Newton Adams.

BUFF COCHINS: 1st, Thomas Curry; 2d, C. W. Case.

PARTRIDGE COCHINS: 1st, George W. Mitchell.

BLACK COCHINS: 1st, Elm Poultry Yards.

WHITE COCHINS: 1st, Adolph E. Anderson.

BLACK LANGSHANS: 1st, Rose Court Poultry Yards; 2d, Elm Poultry Yards.

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WHITE PLYMOUTH ROCKS: 1st, 5th, Owen Farms; 2d, 4th, 6th, Greystone Poultry Farm; 3d, G. D. Tilley.

BUFF PLYMOUTH ROCKS: 1st, 3d, John W. Poley; 2d, E. H. Lichenwalter; 4th, Fred Armer; 5th, Harry S. Morgan.

PARTRIDGE PLYMOUTH ROCKS: 1st, 2d, Hillcrest Farms; 3d, Harvey Ivins.

SILVER PENCILED PLYMOUTH ROCKS: 1st, 2d, Rock Hill Poultry Farm; 3d, 5th, Chas. D. Halsey; 4th, Hillcrest Farms.

COLUMBIAN PLYMOUTH ROCKS: 2d, Chas. D. Halsey, 3d, Hillcrest Farms.

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GOLDEN WYANDOTTES: 1st, Chas. H. Brundage.

WHITE WYANDOTTES: 1st, 4th, Owen Farms; 2d, 5th, Horace Havemeyer; 3d, West Mountain Poultry Yards; 6th, Rock Hill Poultry Farm.

BUFF WYANDOTTES: 1st, L. D. Howell; 2d, Geo. M. Bell; 3d, T. S. Hewke; 4th, E. Griffiths; 5th, J. E. Willmarth.

PARTRIDGE WYANDOTTES: 1st, Rock Hill Poultry Farm.

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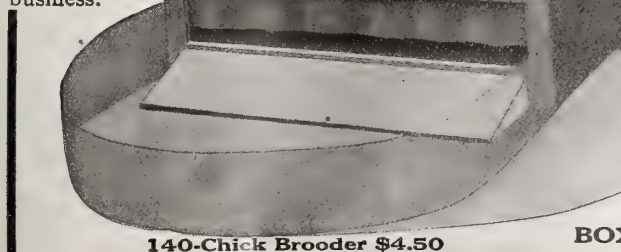
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WHITE CALL DUCKS: 1st, J. G. Tilley.

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R. C. BLACK BANTAMS: 1st, G. D. Tilley.

BUFF COCHIN BANTAMS: 1st, A. & B. Schilling; 2d, Rock Hill Poultry Farm; 3d, John F. Homeyer.

WHITE COCHIN BANTAMS: 1st, 2d, Edwin G. Reynolds.

LIGHT BRAHMA BANTAMS: 1st, James S. Fry.

IMPRESSIONS GATHERED AT NEW YORK.

Hello Bill:

As promised, I am giving you my account of how the Garden looked to me again this year. I did not think last year that you would publish my meanderings in the paper, but as you did, and tried to give me a couple of black eyes, I am going to write you again this year, and hope you will exercise moderation.

I arrived at the Garden in good shape and the first thing, I went to shake hands with Mr. Crawford. He certainly is a wonder and doesn't seem to get a day older, and then met Capt. Griffing, and as you know Captain, he had a good word for everybody, then came across Barney Mosher. Barney got stuck this year, but his corps of trusty lieutenants with "fats" was on hand and got everything going nicely.

I first took in the display around the Garden. I started at the front, and the first display that caught my eye was the Magic Egg Tester. It was two pieces of wood, one suspended by a screw eye to the other and the man professed to tell which egg had a germ in and if it had a male or female germ. If it had a male germ it moved with a circular motion. If it was a female germ it had a swinging motion and when it had no germ it stopped instantly. It was very interesting, if you could have seen it. Being of an inquisitive turn of mind, as almost all poultrymen are, a few of us got together and gave him an egg from

a pen of females, an old maird's home, and then had another boiled ten minutes. He told us that the both of them had male germs in them, whereupon the results were presented to the notice of Prof. Crawford, who passed on it and gave a decision of no proof and he was introduced to the cold, cold world.

Next to that was Rubberoid, with a kind of a blower that drew attention to its many good qualities. Then there was the Chapman Trap Nest and a device for holding chickens while picking. Then came the Tolman Portable House, doing a good business, and then came the Reliable Poultry Journal. Brother Curtis evidently being dis-

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gusted with newspaper row came up with the class. Then came Cyphers with a good display of incubators and brooders. Mr. Dillingham had charge and was very much in evidence. He used to breed White Wyandottes, but I still think he should breed game Bantams. However, he is a right good sort. Eddie Burger was right hand man and what he can't tell you about the Cyphers goods is not worth listening to. Eddie is certainly on to his job. Then there was Potter. Potter is O. K. on the incubator question, also an undoubted authority on the female question. These were ably backed up by Chas. Adair, from the Home Farms, and in the evening by Prof. Myers and others from the downtown store. Then the Excelsior, in charge of Mr. Condon, put up a good display of poultry supplies and Buckeye incubators. Next came Stumpp and Walter with veteran Frank Gaylor in charge. Frank is all right. He seems to be working hard for a good business season. He was made secretary of the Orpington Club at its meeting and it is up to Frank to get the boys in harmony once again. They put up a good show, especially on the Prairie State and "Mac" was around to help him out. Then came the big rough boy from the East, L. P. French, with a new twelve-hundred-egg incubator that he was willing to swear by. Then came the newspaper row where all the barkers from Coney Island seem to have collected, in fact, I think they could give them aces and spades and beat them. On the other side, going down, Park and Pollard put up a good display of their Lullabye brooders. This is a new concern in

New York, and of course, if you haven't any chickens the old lady can use the hover as a night cap. Then came the Hall people with young Hall and Prof. Platt, late of Poultry Husbandry, handling the exhibit, with Mr. Yelton bringing up the rear. It made a good trio. But, Bo, you should have seen Platt's plush lady. Then came the United with Corporal Bill Smith in charge. They put up a fine display of poultry supplies with a small tank of fancy ducks and some cages with fancy birds. Then came the famous Lakewood Farms Company. This was the talk of the floor. The one and only A. G. Brown was on the floor all the time and by the end of the week he must have been quite hoarse, as he certainly was in demand all the time, either explaining the great Lakewood Farm's idea of co-operation or dilating upon the merits of Hen-e-ta. He was backed up by their worthy treasurer, the Right Honorable Andrew Albright, known as the man whose bristles don't come out, or in other words, the maker of Rubberset brushes, also one of the greatest dog judges in the land. Vice President Mr. Kaufman put in a few minutes when duties didn't call him otherwise. Kaufman, you know, is a great ladies' man. Then there was Harries on the job fitting between his champion winning Orpington pen and the exhibit. Also Prof. Cook, their manager of the egg department, the man born with a grouch, also Prof. Doolittle, who seemed to be doing much. He seemed to be rather out of place with this bunch, for he is a minister's son. Next came Groosback, the Elm Poultry

Yards; they had quite a list of poultry supplies. There was a dog, cat, rabbit, chickens and other various animals all living together. Then came the famous Boston Hopper, who reported good business. Doubleday, Page Company doing good business with the poultry and dog books, and then Stringham, the Bee Man, with two more pretty girls. Where he gets these pretty girls is a mystery, but every year he turns up with two dandies. Then J. H. Robinson, the Bostonian, was going around with Prof. Bell, of Canada, and one of the most interesting displays at the show. Then came Jerry Foster, of Rancocas Farm, with Robinson and Bell getting into an argument with Prof. Lantz on Hen-e-ta. We also saw Brother Trafford, of Poultry Success, whose chief claim to glory lay in the fact, as he said, that he did not ask a single man for an "ad." Then we saw Denny. Denny certainly worked overtime at the show, and I think he made good. He certainly deserves to. Then I saw Shilling. He is getting so high in the world that he would like to change his name. He is worth more than a mere shilling now. Sewell was also on hand and was looking not much the worst after his recent illness. Then came the Spratts' display. They were at their old corner, which on this occasion was a very cold one. It was manned by Mr. Moull, Bill Bailey, as big as ever, with a smile that won't come off, and Deacon Sparks. Every one was glad to see the Deacon around again, and although he was not showing any birds, it was a pleasure to have him around, but Bill, you should have seen a postal card that I saw on Thurs-

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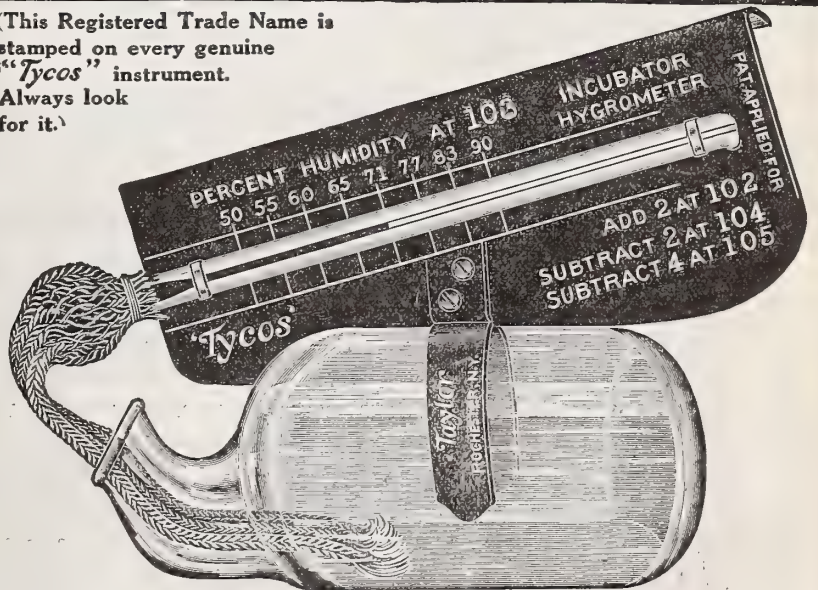
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day morning of Bill Baily, Chas. Smith, George Weed and Ernest Miers in an automobile, that was taken on the night before. If that bunch can convince their wives that they did not fall from grace on that occasion I am a Dutchman and will hand them a leather medal. Weed looked like he ran up against the street cleaning department. Miers was cold. Charles Smith looked as though he was going to start a prayer meeting, while Bill Baily didn't care a d—n. By the way, Weed still retains his beautiful Orpington type. We also run against A. C. Hawkins. He was doing more business than any man in the Garden. Hawkins did not get a first this year, but he made a rattling good run for it. Also E. B. Thomson was on hand as a visitor. Schwab judged the Barred Rocks. The great and only A. C. Smith was around with a continual smile. Mr. and Mrs. Hayner were also on deck, and Jony held a pullet among the choice few which made him joyful. Hillson was there also, but we failed to discover another talk for the centuries to come. Then we came across Davey, who made a splendid win with his White Rocks, and certainly this fellow has a machine for turning them out, as every year he turns them out like peas in a pod. He and D. W. Young ought to be inhibited from showing until they tell others how to manufacture those birds. Dan Young was not so joyful this year as usual,

having been defeated on pen, and as he and Mr. Hallock love each other with the love that knows no bounds, it was not all honey to Dan when Pine Top got first, however, there are other years to come. Corey was not as happy as usual and was breathing threats that was something awful. Delano seemed to be well pleased. Owens Farms has certainly got there. Mrs. Haring was also on the floor with the good Orpington type. It was too bad that she could not have her husband there this year. We hope it will not occur again. Then we met Trethaway with a grouch on, and I think he was entitled to it. Then we met Mr. Prescott. Prescott is a man we all like to meet and wish he would bring down birds that would get into the money, as we would all like to see him win in this good competition. You should have heard him tell us about his Jersey bull. Then we met Mr. Barnum, one of the best of good fellows and a splendid president for the Orpington Club, who showed their appreciation by re-electing him. Time and space is limited on this and I can not tell you of meeting President Bryant, Charles Cleveland, Leslie Tomkins, the pigeon and turkey men, and a host of others, but we must tell you about Percy Cook and his great draperies on his pen. They certainly were gorgeous as well as the lady that helped to put them on. Then Mr. Kellerstrass was around, not looking as happy as he should, still he

must remember it is all in fortunes of war. Then George May was there showing the Kellerstrass strain, and I thought it good to tell you about one man showing a single comb White Wyandotte pullet. Fancy one of these getting into Madison Square Garden. However, it must have been a mistake, but if I think of any more I will write it again for next month, but now I have got to finish.

From yours truly,
Single Comb Buff.

COOK & SONS AT THE GARDEN.

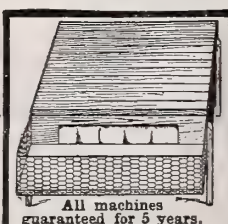
Mr. Percy Cook was there with a nice string of Orpingtons in all varieties and had a booth, and Percy was here and there and everywhere, but mostly in the Orpington alleys, where his birds were to be found, and always making sales. Mr. Cook remarked late Saturday night that he had sold more birds at this show than ever before and that he had been so busy he had not even had time to count up what they amounted to, but he showed us a roll of bills and checks that was as large as one could hold in one hand. We are sure he took in more money than any other man in the garden. Had you seen this roll of money, you would never question the fact that there is money in producing fancy poultry, especially when you produce quality like Mr. Cook does.



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If ordered together we send both machines for \$10.00—freight paid east of Rockies. Hot water, double walls, dead air space between, top has three walls, double glass doors, California Redwood, copper tanks, boilers, self-regulating Nursery underneath egg-tray. Both Incubator and Brooder shipped complete, with thermometer, lamps, egg-testers—all ready to use when you receive them. Incubators finished in natural wood showing exactly the high grade lumber we use. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Read the letters below—they are actual proof from users, showing the success they are having with our machines. This is the most convincing evidence you could get. Send for the free catalog today or send in your order and save time. Ask the publisher of Farm Journal or The Commercial and Savings Bank of Racine, Wis. about our responsibility.

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Dear Sirs:—We received the Incubator and Brooder in good shape, and to our surprise, not having any experience with incubators, the first hatch was 94%, the second was 96% and the third, 98%. We did not know anything about operating the machine, but old, experienced poultry men say that is a grand record.
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Wis. Inc. Co.

Dear Sirs:—We are well pleased with the incubator which we bought of you. We obtained good results with it. From 455 fertile eggs we got 416 chicks. I think it was a good hatch. I do not think any incubator can beat that. The Wisconsin is O. K.
JOHN DOUGLASS.

Evansville, Wis.

Wis. Inc. Co.

Gentlemen:—I had good success with your incubator. I got 93 chicks from 97 eggs and 97 chicks from 103 eggs. I think the Wisconsin is a fine machine. There may be others as good, but I don't think there is any better. I have neighbors who will send for one this winter. They are so well pleased with mine.
HECTOR DENNISON.

Lockport, Ill.

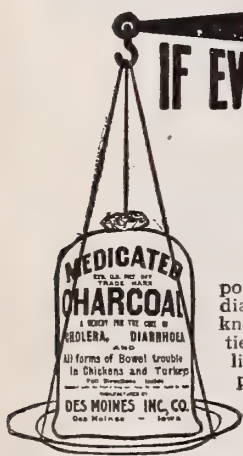
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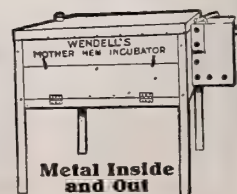
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Metal Inside
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THE BOSTON SHOW



The fourteenth annual exhibition of the Boston Poultry Association came to an end Saturday, January 15, 1910, after one of the most successful shows ever held by the association. We were informed by Secretary Atherton that the increase of entries this year that occupied about five acres of space was something over 300 in excess of the last show. The crowds that attended at Boston this year seemed larger than ever before, which gave us assurance early in the week that the exhibition would be an unqualified financial success. Secretary Mr. W. B. Atherton seemed to carry the tremendous task of handling the enormous exhibit lightly on his shoulders, being ably assisted by an efficient corps of attendants, and when the exhibition opened Tuesday morning, everything was in readiness for the judges to begin their work.

The banquet given Tuesday evening by the management to the exhibitors was a most enjoyable feature of the show. Secretary Atherton had a pleasant smile for everyone, and the fair and generous treatment accorded to all was much appreciated. Another event that I wish to make special mention of is the dinner given on Wednesday by Mr. Atherton to the veterans of the poultry fancy.

As one entered the Mechanics' Hall, the finest display of pheasants, rare varieties of water fowl, pigeons and pet stock that we believe was ever on exhibition was to be seen. Then came the exhibit of poultry supplies represented by nearly all of the large houses in the east. On the left, the poultry journals and other pet stock periodicals were well represented with nicely decorated booths. As we pass, we come to the large hall containing the main exhibit of poultry. It was hoped that all the varieties could be cooped together, but the bantams and much of the pet stock occupied the upper floor, known as the restaurant. Leading from this room to another hall, we find one of the largest and finest exhibits of cats, we believe, ever brought together under one roof, which attracted much attention, especially of ladies, during the entire show. The association makes a special feature of their cat show and some of the most famous winners of Catdom are to be seen here annually. There were approximately 6,000 entries, all told, in poultry, pigeons and pet stock.

The New York State Agricultural College of Cornell and the Maine Experiment Station were represented by exhibits from these two institutions,

showing what is being done, and their booths were the source of much attraction and favorable comment. Cornell captured the cup.

The club meetings at Boston this year were the National Columbian Wyandotte Club of America, the Partidge Wyandotte Club of America, the American White Wyandotte Club, the American Dorking Club, American Plymouth Rock Club, New England Silver Penciled Wyandotte Club, the American Hamburg Club, the National Rose Comb Rhode Island Red Club, New England Light Brahma Club, the Massachusetts branch of the Poultry Association, the Pet Stock Breeders, the Massachusetts State Poultry Association, the Carneaux Helmet Club, the Exhibition Working Homer Club, the Hamburg Fanciers' Club, the American Polish Club, and the New England Golden Wyandotte Club.

Show Notes.

Among the Journal readers we met at Boston was Mr. John S. Martin of Port Dover, Ontario, Canada, the originator of the regal White Wyandottes. Mr. Martin seemed to be feeling well over his victory of winning more points on young stock than his worthy competitors. Mr. J. W. Andrews, who came from Dighton, Mass., with his grand exhibit of White Wyandottes, had a pleasant smile for all, we assume, due to his victory in cockerels.

Mr. William Barry Owen spent a couple of days at the show, shaking hands and renewing acquaintances with his many friends. Mr. Owen is certainly doing a great work for the poultry fanciers and we wish him an unqualified success. Manager Morris F. Delano was in charge of the Owen farm exhibit and was so busy taking orders that we were unable to have our hoped for visit.

Mr. Arthur Dustin was on hand with

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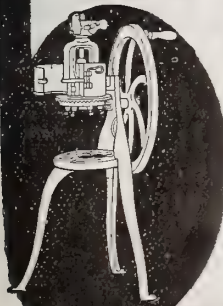
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This feed is four times richer in protein (the egg-making, body-building element), than corn is, and it is more easily digested and assimilated. **Save** money by cutting down your grain ration. **Make** money by getting more eggs when eggs are worth most and by having better eggs for hatching stronger chicks, earlier and heavier broilers.

Mann's Latest Model Bone Cutter cuts the bone (and all adhering meat and gristle) into a fine, soft mash that fowls of all ages relish and can put to immediate use in producing profit for you. It turns easily, cuts rapidly, never clogs, wastes nothing. We sell it on **10 Days' Free Trial**, without money or deposit in advance—so you may be sure it is right. We even pay its freight back if you are not satisfied.

WRITE FOR FREE BOOKS TODAY. To read them is to know how to feed poultry for most profit.

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These makers dare not accept this offer. The facts would end their business. This should decide you to get the Tubular—The World's Best—and no other. Sales exceed most, if not all, others combined.

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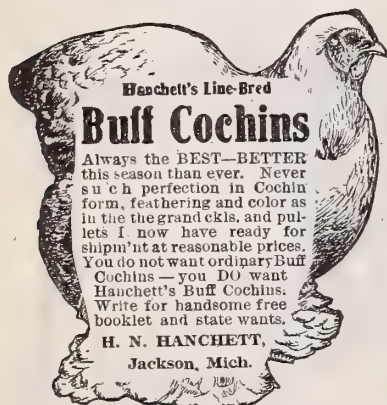


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H. N. HANCHETT,
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Remarkable Discovery That Cuts
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Write to Mr. A. L. Rice, Manufr., 70 North St., Adams, N. Y., and he will send you a free trial package, also color card and full information showing you how you can save a good many dollars. Write to-day.

a display pen of White Wyandottes which contained many of his New York and Boston winners. This pen of Mr. Dustin's was the center of much attraction.

Mr. A. C. Hawkins' display pen of cockerel bred Barred Rocks contained a male of about the highest quality that we have seen to date. It was reported that Mr. Hawkins sold three Barred Rocks for \$500, and we saw a check tendered him of \$200 for the male bird that headed the display pen. He was also offered \$500 for this male and four females.

Grove Hill had a display pen of Barred Rocks which was headed by the first place New York cock bird who also won the shape special, and a pen of brown Leghorns, also headed by the first New York cock. Mr. Arthur Smith, superintendent for Grove Hill, had these pens in charge and was quietly looking after the Grove Hill interests. Mr. William Ellery Bright, proprietor and owner, spent a few hours at the show and we had the opportunity of renewing acquaintances.

We also had the pleasure of meeting Mr. C. W. Pratt, North Abington, Mass., who felt very proud over his win of second cockerel in the Columbian White Wyandotte class. Mr. Pratt made a good exhibit of White Wyandottes.

Mr. C. W. Bryant, president of the American Poultry Association, was on hand to judge the Rhode Island Reds, and his decisions seemed to give general satisfaction to all.

We were also glad to welcome Mr. S. T. Campbell, secretary and treasurer of the association, and had a pleasant chat with him. Mr. Campbell reports a large increase of members during the past year and looks for a large attendance at the next annual meeting.

Charlie Wells, of Fluffy Ruffle fame, who officiated as judge in the Barred Rock classes, was unable to spend the entire week at the show, due to pressure of his poultry business at home. We have a special report of the Barred Rock classes written by Mr. Wells and expect it will be highly appreciated by the readers of A. P. J.

We had a very enjoyable visit with Mr. Frank W. Briggs, of the Pittsfield poultry farm, Pittsfield, Maine, who was in charge of their splendid exhibit of Barred Rocks, and hope in the near future to visit this plant and tell our readers about the many high quality birds owned by these farms. We understand that Mr. Briggs was highly gratified with the number of sales made at the show, the same being very complimentary to the quality of stock shown by him.

Mr. C. H. Shaylor, Lee, Mass., could be found any time near his winning Barred Rock pen, showing their good qualities to the interested spectators.

The Barred Plymouth Rocks and Single Comb White Leghorns exhibited by Pine Top Poultry Farm, Hartwood, N. Y., were in charge of Manager Winchell, who reported to us a splendid business at Boston. Mr. J. H. Hallock, owner of Pine Top, came over from New York to spend a few hours at the show.

Mr. Loren H. Brown was there and showed the quality of his Golden Wyandottes, which were considered second to none. It was a strictly high-class exhibit throughout.

Mr. F. O. Grosbeck, of Elm Poultry



THE MADE-TO-ORDER CREAM SEPARATOR

The dairy farmer who buys a 1910 De Laval Cream Separator gets a machine that is really made especially to order for him.

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Second: Because if he should offer to pay ten times the ordinary price he couldn't secure a closer skimming, a greater money, time and labor saving, a more durable, a more convenient or an easier running separator than the 1910 De Laval.

Lastly: Because every feature of the 1910 De Laval machine from top to bottom is just as the best mechanical as well as the most practical engineering demands that it should be.

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Nebraska trees thrive best everywhere—famous for heavy fruiting. Apples and Peaches 5c. Catalpa Speciosa, \$2.00 per 1000.

We sell direct—no agents—save you one-half and pay freight. We comply with all requirements for interstate shipments. Catalogue with special premium offers free.

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Many Styles. Sold on trial at wholesale prices. Save 20 to 30 per cent. Illustrated Catalogue free. Write today.

KITSELMAN BROS.
Box 415 Muncie, Indiana.

Yards, Hartford, Conn., reported many sales made for his firm.

Mr. W. R. Graves, Rockandotte Farm, Southboro, Mass., was in attendance at the show the whole week, looking after their exhibit of which their first prize White Plymouth Rock cockerel was the center of attraction. This bird was awarded the Color Special and the \$100 Challenge Cup for champion male.

Mr. Mattison, of Mattison & Toel, South Shaftsbury, Vt., was in charge of their Buff Wyandotte exhibit and was receiving congratulations on winning every first prize offered in the Buff Wyandotte class.

Mr. J. P. Keating, Westboro, Mass., Columbian Wyandotte specialist, is also to be congratulated on his win of first on cockerel, first and fourth cock, third, fourth and sixth hens and sixth pullet. He was also awarded a silver cup for best cockerel, special for best display, special for best cock and fourth hen. Special for best cockerel and fourth pullet, special for best shape male and special for best colored male. When it is remembered that the Columbian Wyandotte class was the largest class in the show, this winning is all the more merited to Mr. Keating, and proves the quality of Columbian Wyandottes bred by him.

Mr. Elden S. Cooley, Frenchtown, N. J., who makes a specialty of high-class White Leghorns, was also at Boston, and won second on cockerel, second on pullet, and third on hen. Mr. Cooley has a large day-old chick plant and sells chicks by the thousands in both White Leghorns and Barred Rocks.

Mr. H. E. Challis, South Danville, N. H., was a prominent winner in the Single Comb Buff Orpington classes and was kept busy explaining the high quality of his stock to those interested.

We had a pleasant chat with Mr. Henry P. Prescott, Derry Village, N. H., the Orpington breeder, and hope to give the readers of the Journal a description of his plant and birds at a future date.

The exhibit of Dorkings, Hamburgs and Polish, in both numbers and qualities, at the Boston show this year was without doubt the finest ever made here of those varieties, showing the renewed interest being taken in them by members of the fancy. We have been promised a special write-up of the Dorking classes by Mr. Weston Westfall, of Sayre, Pa., which we believe will be of special interest to our readers.

Dorkings.

The Dorking classes totaled 71 birds, of which 59 were Silver Gray, six colored and six white. Mr. Mowll did the judging and placed the awards as follows: Cocks, 12. First—Westfall, the sensational champion cockerel of last year's show, in beautiful feather and condition, stands out from the others, winning his position easily. Second—Inches, good size and color, except hackle, which is quite coarse and raw looking. Carries body too upright and breast is not deep enough. Worst fault is a weak, soft comb that falls over about enough to disqualify. Third—Westfall, is extremely large, just makes his pen full, extra long body and straight back; very straight and nicely serrated comb and fine color throughout. Our choice for second place. Worst fault is a ragged and broken tail, which may have put him back. Fourth and sixth, Officer. Fourth is good color, but not best of form, being

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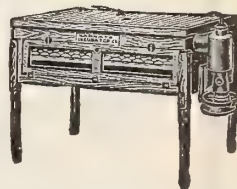
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too upright and flat in breast. His worst fault is a large badly-wrinkled comb, which gives him an ugly appearance. Pen 1062, Hales, we very much preferred for this position. Sixth also had a badly wrinkled comb, but had better breast and general form. Fifth—Jacobus, a nice smooth-looking cock, would have done better with more size.

Hens, 17. First—Weld, is large and very long back and body, fails some in breast development, but a fine hen and wins well. Second and color Special—Westfall, a very large deep-bodied hen with most excellent bright contrasting color. Third—Jacobus, much on the order, but not so silvery in color. Fourth—Inches, good color, but much smaller; not in good condition. Pen 1037, same owner, or 1050 Hales and 1047 Westfall, we preferred for this position. Fifth—Jacobus, very low set, nice in color and fair size. Sixth—Officer, fair size and form, moderate color.

Cockerels, 13. First—Weld, quite a typical bird, very large and correct form, his only failings seeming to be a somewhat mottled breast and a tremendously large comb, the latter being a characteristic of a certain English strain. Second, third and fifth—Westfall, three grand birds, penned in excellent feather and condition. Second is also very large, said to weigh 10 pounds, and looks it. Not as pure on top as his English competitor, but excels on under parts and breast, which are exceptionally pure and sound. Comb very evenly serrated and of proper size, tail extra long and carried at the right angle. Third—The New York winner, still in fine form and condition; very deep long body and the lowest set bird of the lot. Fifth—Not so good form as the other two and some higher on the leg, but very fine color. Fourth—Inches, good size and form, fair color, comb too large and falling over. Sixth—Jacobus, rather small, moderate color and form. We liked pen 1056, same owner, much better.

Pullets, 12. First—Westfall, the New York winner, secures the champion challenge cup for best female and Special for best shape. This pullet is hard to criticize in any way; she has beautiful color throughout, combined with most excellent form and plenty of size. Second and third—Weld. Second is about equal on size, but well beaten on form and color. Third—Better form and color than second, but not so large. Fourth—Inches, very good size and form, but coarse and mossy in color. Fifth and sixth—Inches, both good size and form, but fail on color.

Colored cocks, 2. First—Inches, fair size and color, not in best condition. Second—Warrington, we thought, should have won, equal in size and form and certainly better color.

Hens, 4. All owned by Mr. Inches.

White cocks, 2. First—Hales, very good size and form, but not very pure in color. Second—Warrington, not so good size and form, but better color.

Hens, 2. First—Hale, again has fine size and form, but fails color. Second—Warrington ahead on color, but fails size and form.

Cockerels 1 and pullets 1—Both owned by Warrington and very fine specimens indeed.

Light Brahmas.

Cocks (6)—An exceptionally strong class.

Hens—Brought out the same number of equal quality.

Cockerels (8)—Every bird a win-

ner in most any competition; not enough prizes to go around.

Pullets—This class contained ten of the nicest pullets we have seen exhibited this winter.

Dark Brahmas—This class contained eighteen birds of exceptional merit.

Buff Cochins—Contained a solitary cock, hen, cockerel and pullet in each class of good quality.

Partridge Cochins—Contained the best lot of birds of this variety we have seen to date, many of the best breeders of the east exhibiting.

Black Cochins—Were very good classes of this breed, birds of exceptional merit being shown. A decided improvement was to be noted, especially in males.

White Cochins—A class of seven extra good birds faced the judge, all shown by one exhibitor.

Black Langshans—One of the best classes we have seen in a long time were shown here, and in many cases there were not enough first prizes to go around.

White Langshans—Contained but a cockerel and hen.

Barred Plymouth Rocks.

Cocks (11)—Bird after bird of the very best quality was shown in this class and no reader can frame an opinion of the work it took for Judge Wells to decide the prizes.

Hens (28)—Shown in the pink of condition. Winners all of exceptional merit, only the slightest difference to

be noted between the first and the six other prize winners.

Cockerels (20)—Here again was quality galore, the very cream of New England's breeders having their best on exhibition. Owen Farms and Pine Top were good winners in this class.

Pullets (27)—Here again was a class of the very highest quality. Many of the unplaced birds could win in almost any other competition outside of New York and Boston.

Pens—At Boston pens were shown in both fowls and chicks, the second prize pen shown by Owen Farms being of exceptional merit. Third went to Pittsfield Poultry Farm, Pittsfield, Me., on a pen of grand, good quality. In pens of chicks, Pittsfield Poultry Farms won the blue, closely followed by Mr. C. H. Shaylor of Lee, Mass. Third, fourth and fifth, all well placed, the fifth prize pen shown by Pine Top Poultry Farm, Hartwood, Sullivan County, N. Y., we believe would have gone higher but for condition. Judge Wells has kindly furnished us with a brief sketch of the birds in the Barred Rock class, which we believe will be of much interest to our readers.

White Rocks.

Cocks (10)—First and second to Owen Farms, two of the best cock birds yet exhibited by one breeder. Third, fourth and fifth all close up.

Hens (11)—Owen Farms won first, second and third in another class of the very best White Rock hens to be

had in New England.

Cockerels (26)—First and third to Rockandotte Farm, Southboro, Mass. The first prize cockerel is one of the very best birds of the breed, we believe, that has ever been shown at New York or Boston. Second, Owen Farms, the second prize bird being one of the best of the quality. Third, fourth and fifth, all worthy, of better positions but for such strong competition.

Pullets (16)—First and second, two grand birds, belonging to Mr. G. D. Tilley. The balance of the class all close up to the winners.

Pens (7)—First pen another Owen Farms win; one of the best pens ever exhibited at Boston. Second, third, fourth, fifth and sixth all good pens but lacking the quality and finish of the winners.

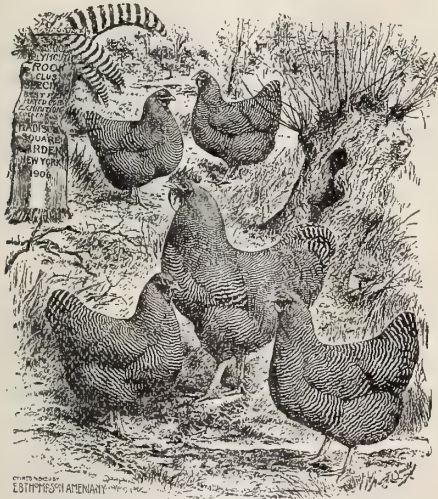
Buff Plymouth Rocks.

Cocks—A hot class, Mr. W. J. Corey, Springfield, Mass., winning second with one of the best male birds out this year.

Hens (16)—We believe that such good Buff Rock hens as shown at Boston rarely meet in competition under one roof. In this class in recognition of the quality four sixth prizes were awarded.

Cockerels (16)—Here again there were not enough ribbons to go round, and the quality was recognized by awarding four sixth prizes in this class.

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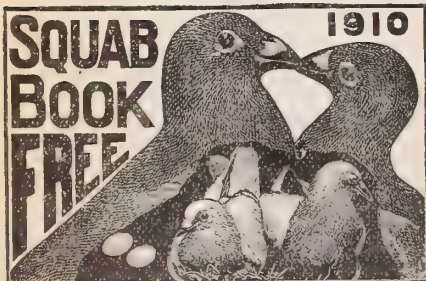
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Pullets (16)—First, an outstanding winner. Second, another bird of exceptional quality. The third, similar to the first prize bird, a Fred W. Cobb product. Fourth, fifth and sixth fit to win in most any other competition.

Pens—First pen of chicks went to Mr. Fred W. Cobb, Newton Upper Falls, Mass., on four females which it would be hard to choose between, headed by a rich, Golden Buff cockerel that will improve with age. Second, to Messrs. Lunt & Curtis, Freeport, Me., on another high quality pen.

Silver Penciled Partridge and Columbian Rocks.

Small classes, but many birds of merit were shown in them.

Silver Laced Wyandottes.

Cocks (7)—A strong class.

Hens—Another strong class, the prizes being divided between Mr. J. C. Jordey and Messrs. Wood & Freeman.

Cockerels—Brought out twelve of the best of this variety that we have yet seen. The open lacing on the breasts and the wings of the winners show wonderful improvement over the birds exhibited in former years. The win of Mr. R. C. Williams, Barre, Mass., a comparatively unknown breeder, was well merited.

Pullets (11)—It must have been hard for the judge to decide between the first, second and third winners in this class; in fact, any of the birds outside the winners are fit to wear the blue. The class as a whole we believe to be the best ever brought together in the east.

Pen—First, J. Frank Van Alstyne, Niverville, N. Y.

White Wyandottes.

Cocks (22)—A hot class. First, a grand bird all over. Second, Owen Farms, one of the best cock birds ever shown. Fine in comb, eye, color of legs, absolutely pure white and a Wyandotte in shape. Shown in pink of condition. Third cock went to Mr. John S. Martin, a winner in almost any show outside of New York and Boston. Fourth also goes to Mr. Martin on a good bird, not quite so good in head as third. Fifth and sixth both birds of exceptional merit.

Hens—Brought out a class of twenty-two. First and special for best shape and color went to Owen Farms, and one of the best Wyandotte hens ever bred. Second and fifth also to Owen Farms, the second hen of the very highest quality. Third, a good one, but not so good in comb and finish as first and second. Fourth, to Martin, not in best of condition. Fifth, to Mr. John W. Andrews, a nice hen, with a better comb might have gone higher.

Cockerels (42)—One of the hottest classes that ever faced a judge. First, second and sixth owned by Mr. John W. Andrews. The first prize cockerel was the shape special winner and a grand bird. Mr. Andrews showed six of the best cockerels that we ever saw exhibited by one breeder. Third went to Owen Farms, on another good win. Fourth, a nice bird, a little high on legs. Fifth, a Martin bird of the best of quality.

Pullets (32)—Here again Owen Farms wins the blue on a beautiful pullet, a gem all over, and conceded to be an easy winner in the class. Fifth also went to Owen Farms. Second, a gem, owned by Mr. John S. Martin, fit to

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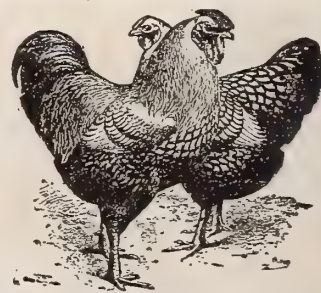
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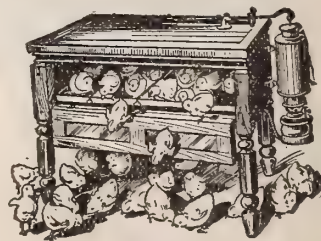
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win the blue in any exhibition. Sixth, a nice bird, but not shown in the best of condition.

Pens—Owen Farms again was the winner of the blue in pens of fowls, followed by six other splendid pens. This is, we believe, the largest outfit ever shown in Boston.

Chicks—First and fourth went to Mr. John S. Martin. Second, Owen Farms, the first prize pen being acknowledged by White Wyandotte judges to be the peer of anything yet shown in Boston.

Golden Wyandottes.

Cocks—To give the reader something of an idea of the quality in this class, six of the eight birds exhibited were awarded premiums.

Hens (11)—Little to choose in this class among the winners, the shape special going to the three prize hens owned by Mr. Loren H. Brown, Lunenburg, Mass.

Cockerels (9)—Here again in recognition of the quality shown, the judge awarded premiums to all but two in the class.

Pullets (13)—The first, third, fourth and fifth, going to Mr. Loren H. Brown, was undoubtedly one of the best wins yet made in this class by one breeder. The second class pullet of Messrs. Wood & Freeman was the only thing to mar a clean sweep.

Pens—First pen also goes to Mr. Brown.

Black Wyandottes.

Black Wyandotte classes contained but a single bird in each class, but of splendid quality; shown by Mr. Howard Grant of Marshall, Mich.

Buff Wyandottes.

Cocks (10)—First, second and sixth, owned by Messrs. Mattison & Toel, South Shaftsbury, Vt., had the Mattison quality all over. This firm seems to be able to show year after year birds of a little better quality than those exhibited by them the preceding one. Third, fourth and fifth all splendid birds.

Hens—Brought out a class of thirteen. Here again Messrs. Mattison & Toel were the big winners, first, second, fourth and sixth going to them on four entries. The balance of the class should not be considered of meagre quality, as they were first-class specimens in every respect.

Cockerels (12)—First, fourth and fifth, Messrs. Mattison & Toel. To give the reader some idea of the quality of the first prize cockerel, there were eleven special prizes awarded on this bird alone. Second, to Mr. John S. Dunn, a winner in almost any class. Third and sixth were fit to win the blue in almost any other competition.

Pullets (16)—First, second, third and fourth, Messrs. Mattison & Toel, on four entries. It was the same here as in the other classes, the birds that were placed lower being fit to win but for such strong competition.

Pens—First pen of fowls, Messrs. Mattison & Toel.

Chicks—Here again Messrs. Mattison & Toel practically swept the boards by winning first, second and third on three entries. Fourth and fifth went to Messrs. King and Whitney, Plainville, Mass., on strictly high quality pens.

Partridge Wyandottes.

Cocks (7)—This class contained the best lot of old birds of this variety the writer has yet seen, the first, second and third prize birds being so close in quality that it was hard to choose among them the winner.

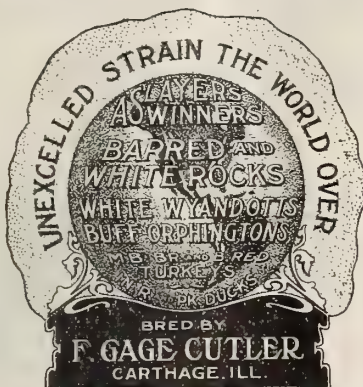
Hens (11)—Another splendid class showing much improvement over the quality heretofore shown. The judge found more quality than he had ribbons to go round; as it was, he had to add several specials for extra merit.

Cockerels—Brought out a class of nineteen birds, a grand lot. First went to Mr. W. H. Coffin, Whitsinville, Mass. Fifth to Mr. Horace Havemeyer, Stanford, Conn., on the best lot of cockerels of this variety, we believe, yet shown.

Pullets—Here again the prizes were divided between Coffin and Havemeyer.

Fowls—First, Mr. Coffin. Second, Mr. Kendall. Third, Mr. Fletcher.

Chicks—Mr. Coffin, first. Second, Mr. Havemeyer. Third, Mrs. S. G. Job.



BOURBON REDS—A few fine toms, \$7; hens, \$5. EGGS, \$50c, \$1 and \$1.25 each, from my New York and Missouri State Show winners. Eggs about half price after April 20th, when we have set about all we want ourselves. Bourbon Red eggs, \$4 and \$6 per setting.

DUCKS—Pekin, Indian Runner and Colored Muscovy. Stock and eggs, \$1.50, \$2 and \$3 each. Bred on two 80-acre farms.

Send for fine free catalogue. A stamp is always appreciated, but not required. Send order direct or write your wants. We will trust you and guarantee satisfaction, as we have found that our cheapest way to advertise is to please our customers and not spend hundreds of dollars advertising with a lot of papers.

F. GAGE CUTLER

R. F. D. 13

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CHEAP OFFERS

EGGS—25 per cent off on orders received and half paid in February, so we will have an idea how much breeding stock to keep. We begin shipping February 15th. Our regular prices are much cheaper than others of same quality of stock.

STOCK—Cheap to close out so we will have all our room for mating up our pens.

OUR PRICES—Are half to half what others are as we advertise only in a few papers to give our customers the benefit of hundreds of dollars saved as we have found that "a pleased customer is our best advertisement."

WHITE ROCKS—Females, nice utility, \$2 and \$2.50. Score 98 to 94, \$3; 94 to 95, \$5; 95 to 96, \$8 each. Fine cocks and cockerels, \$2, \$3, \$5, \$7.50, \$10, \$12.50, \$15, \$20 and \$25. Many ask three to six times for same quality. EGGS—\$15, formerly \$20, from \$1,000 cock bird and hens scoring 96 to 96½. No finer mating anywhere. \$10, from my cock bird, "unexcelled," and 95½ to 96 point hens, a wonderful mating, \$7.50, from "Snow King," value \$500, and hens 95½ to 96. \$5, eggs from mating like many ask \$10 and \$15 per 15. \$2 and \$3 per 15, from fine females, and cockerels I am keeping for fine show cocks. We have the greatest laying strain we know of, records to 263 eggs per year.

WHITE WYANDOTTES—STOCK, the same fine quality and prices as our White Rocks. EGGS, from same quality of stock as our White Rocks. Send for fine catalogue giving our winnings.

BARRED ROCKS—STOCK, we have lots of stock from our great laying strain, fine utility and show birds, \$2, \$3, \$5, \$7.50, \$10, \$12.50 and \$15. EGGS, \$2, \$3, \$5 and \$8 per 15, from stock, like many others would ask much higher for. A fine catalogue free telling all about our great Barred Rocks.

BUFF ORPINGTONS—Nice birds, \$1.50, \$2, \$3, \$5, \$7.50 and \$10. Only a few pens, but they are fine, great layers and winners. Send for our catalogue. EGGS, \$1.25, \$2, \$3 and \$5 per 15.

BRONZE TURKEYS—Fine young toms from our Madison Square Garden winning tom. Also won at Mo. State Show, \$3, \$10 and \$12.50. Hens, \$5. You need one of our wonderful fine toms to head your flock. One fine yearling tom, \$10.

One fine yearling tom, \$10. Hens, \$5. EGGS, \$50c, \$1 and \$1.25 each, from my New York and Missouri State Show winners. Eggs about half price after April 20th, when we have set about all we want ourselves. Bourbon Red eggs, \$4 and \$6 per setting.

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CARTHAGE, ILLINOIS



MARY

S. C. Red pullet. Rich, even red, with black tail and correct wing markings, oblong body; the laying type to be found in the Red Raven Strain.

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MY ENTIRE FLOCK OF "RED RAVEN" REDS

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They will be dry and warm as well as safe in our exclusive pattern galvanized-iron coop. Rats, mice and weasels cannot enter.

Real Sanitary Quarters

No wood. Can be taken apart and stored. Has three different sliding doors in one. No other coop like it or as good. Shipped knocked down. Write today for free circular.

Des Moines Incubator Co.
244 Third Street, Des Moines, Iowa

Silver Penciled Wyandottes.

Cocks—First, second and fifth, Mr. A. L. Hathaway, Abington, Mass. The first and second birds certainly were gems of the first magnitude, closely followed by fourth and sixth.

Hens (11)—First, Mr. Hathaway, on a beautiful penciled bird. Second, Mr. J. E. Morse, Taunton, Mass., third and fourth going to Mr. C. H. Pope, Brockton, Mass., all high-class specimens.

Cockerels (8)—First, second and third to Mr. Hathaway. Fifth, Mr. Morse. Fourth, Mr. G. W. Felton, Cliftondale, Mass.

Pullets—First, third and fourth, Messrs. Rogers and Packard. Second, Mr. Hathaway. Fifth, Mr. Felton.

Columbian Wyandottes.

Cocks (13)—First and fourth, Mr. Keating. Second, Mr. A. C. Hawkins, Lancaster, Mass. Third, Sunnybrook Farm. Fifth, Mr. Fred W. Cobb. The second, fourth and fifth prize birds were exceptionally classy specimens.

Hens (19)—First, Mr. A. C. Hawkins, and one of the best Columbians we have seen to date. Second, Sunnybrook Farm, another winner in almost any competition. Third, fourth and fifth, all good birds.

Cockerels (30)—We believe this class to be as good a lot of Columbian cockerels as was ever shown. First, Mr. Keating. Second, Mr. Charles W. Pratt, North Abington, Mass., on one of the best Columbian cockerels yet brought out. Third, to Mr. Hawkins, another good win. Fourth, fifth and sixth close up.

Pullets (25)—First, Sunnybrook Farm. Second, Mr. Eastman. Third, Mr. E. J. Robinson, on a beautiful trio of birds. Fourth and fifth, also all high quality.

Fowls, Pens—There were five pens of fowls and twenty pens of chicks, the first prize pen of Mr. A. C. Hawkins being considered the best pen yet brought out. This was undoubtedly the best exhibit of Columbians out this winter. The fifth prize pen of Mr. J. Frank Van Alstyne, Niverville, N. Y., was of exceptional quality and attracted considerable attention.

Single Comb Rhode Island Reds.

Cocks (20)—Birds that could win in almost any other show were among the unplaced here. First, good in comb, eye, color of legs, and shape. Might have been a little better in color of hackle. A good win. Second prize bird crowds the winner. Third, fourth and sixth all birds of quality.

Hens—Brought out a class of twenty. First, nice, even, dark-colored bird of the correct type. Second, another grand hen, not quite so good in color. Third and fourth well shaped, large-bodied hens. Fifth and sixth well placed.

Cockerels—Brought out a class of forty. First, Mr. Albert C. Chapin, Springfield, Mass. A bird of exceptional merit and good all over. Second, Mrs. M. L. Cobine, Oneonta, N. Y., crowds the winner. Third, Mr. F. A. Garripy, Stillwater, R. I., fit to win first in almost any other competition. Fourth, another grand, good win. Fifth and sixth well placed.

Pullets (32)—First, a gem, owned by Mr. Albert C. Chapin, Springfield, Mass. This pullet also won the Club Shape Special. Second, Pearson. Third prize pullet was one of the best seen

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"New Model" Cutter cuts into 1/4-in. lengths. Removable steel knives, adjustable, easily sharpened. Cuts fast and fine. It's always in order; nothing about it to break. Write for circular and free sample of cut alfalfa.

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POULTRY HERALD

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GEO. D. HOLDEN, ex-president American Poultry Ass'n, breeder, exhibitor, judge.

GEO. H. POLLARD, America's foremost authority on profitable poultry keeping and ducks and geese.

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Monthly, 22 y'r's old. 50c a year, first year on trial 25c. Poultry book circular free.

Poultry Herald Dept. C, St. Paul, Minn.

this year. Fourth, to Mr. E. E. Ward, Marlborough, N. H., another good win. Fifth, to Mr. Frank D. Reed, well placed.

Pens—Here again was quality galore. First, a good win, well placed. Second, Mr. Pearson. Third, fourth, fifth and sixth all close up. There has certainly been wonderful improvement in this breed the past year.

Rose Comb Rhode Island Reds.

Cocks (7)—First, Mr. Robert C. Tuttle, Hartford, Conn., a good win. Second, Mrs. Cobine, on another high quality bird. Third, fourth and fifth well placed.

Hens (8)—First, fifth and sixth, Mr. Tuttle, on four entries. Second, Mr. W. B. Irving, close up to the winner. Third and fourth well placed.

Cockerels (16)—First, Mr. Bean, a good win. Second and fifth, Mr. Tuttle; second crowds the winner. Third, fourth, fifth and sixth all birds of high quality.

Pullets (16)—First, Mr. Bean. Second and sixth, Mr. Tuttle, on three grand, good birds. Third, Mr. John E. Davis, needs a little more time.

Pens—First, Mr. Tuttle on one of the best pens we have yet seen exhibited. Second, third and fourth, close up.

One of the largest exhibits of Buckeyes we have seen was brought out at Boston. List of awards will show the winners.

Single Comb Buff Orpingtons.

Cocks (10)—First, even colored, extra low down bird, good comb, eye and shape, awarded the Shape and Color Special in his class. We considered it a good win. Mrs. Hooker is to be con-

gratulated. Second, Owen Farms, a bird of great depth of body, fine in comb, eye, leg color, not quite so fine in surface as winner. Third, Mrs. Hooker, wins again on a bird very similar in type to the first but not shown in quite as good condition. Fourth, one of the best colored birds in the class, not quite as large as the first, second or third winners; low down, and we understand this bird is the son of the fourth prize cockerel. Fifth goes to Mr. Henry B. Prescott, Derry Village, N. H., on the lowest bird in the class. Had this bird shown a bright fine color, he would have gone higher.

Hens brought out a class of fifteen. First and fourth, Owen Farms, a grand hen all over; a good win, showing the rich, even buff from head to tail and a low down type so much desired and rarely seen in the Buff Orpingtons yet. Second, third and sixth to Mrs. Hooker, second prize hen, closely following the winner. The third, also an exceptionally good hen, might have done better but for poor comb. Fifth to Mr. H. E. Clarke, of South Danville, N. H., on one of the best colored hens in the class.

Cockerels (14)—First and second, Owen Farms, the first prize cockerel an outstanding winner in this class. Second, another good bird, but fails as winner in color and comb. Third, a fine colored bird. Fourth goes to Mr. Challis on a bird of exceptional depth of body and of rare good color. This bird might have gone higher. Fifth to Mrs. Hooker, on a very typical even colored bird, good comb and eye. This bird when it reaches its maturity and holds the quality shown today, will be a bird that the other breeders will have

to reckon with. Sixth, a nice bird but hardly the quality of the birds ahead.

Pullets (14)—First, an outstanding winner in its class. Was also awarded the Shape and Color Specials. Second, third and fourth, Owen Farms, second, the most even colored pullet in the class, a bird of rare quality. Third, a low down blocky bird but hardly the quality of the first and second. Fifth, a nice even colored bird, good shape, good colored leg, might have been in better condition.

Pens (6)—This is one of the hottest classes ever shown in Boston. First, another Owen Farms win, on four females, of even type and color, headed by a rich golden buff male of rare depth of body. Second goes to Mr. Challis on a pen of rare quality. It must have bothered the judge to decide among these two pens. Third, to Mr. J. A. Shephan & Son, Ashland, Mass., on another good pen of exceptional merit. Fourth to Mr. Henry Prescott, on another pen of good quality but, at the time of the judging, one of the hens in this pen was sick and certainly could not do justice to her mates. We consider this pen one of the best we have ever seen. Sixth to Mr. J. H. Carey, Glastonbury, Conn., a nice pen.

Single Comb Blacks brought out a class of eleven of the best black males we have yet seen. First, goes to Dr. Knapp, on a grand bird, low down in shape and of exceptional color. Second, was the Shape Special winner, one of the grandest Orpingtons in type we have yet seen. Third, another very rich colored bird. Fourth, a grand bird in type, absolutely free from purple, might have gone higher.

Hens brought out a class of ten.

A THING OF BEAUTY AND JOY FOREVER NOFTZGER'S PARTRIDGE ROCKS

Can you imagine this most beautiful bird with its feathers most beautifully and delicately penciled with dark brown on a mahogany brown, making a rich chestnut coloring effect with a beautiful sheen that shines like satin? If you can imagine this, then you know how beautiful they are, and then you will want to go to the originator of this breed to secure further information. He breeds the best there is, as is proven by the fact that he

Won Again at the Big Chicago Shows

all first and second prizes, also 3 thirds and 3 fourths. He not only has a few good birds but hundreds of them, and he has less culls and more show specimens than are found in the average flock of thoroughbreds. To this fact many can testify. Judge Zimmer and others have remarked about this fact in visiting his yards. Remember this, also the fact that they are great layers, docile, easily confined and embody all the good qualities of any other variety of the Rock family, and we think you will decide you want **PARTRIDGE ROCKS**. Naturally you will want stock from the originator. He is just issuing a handsome illustrated book telling all about these fine birds, giving history, etc., which will be sent for only 10 cents. Hundreds of birds for sale. Mated trios and pens. Write for prices.

S. A. Noftzger, North Manchester, Ind.

EGGS **Columbian Wyandottes** EGGS

Hewitt's Bred to Lay Strain of Large Brown Eggs—Prizes won at St. Louis, Pittsburg, Washington, D. C., Altoona, etc. This breed is thrifty, hardy, matures early, winter layers. Beautiful, profitable. I have no trash. 25 years a breeder. Eggs, \$3 for 15, \$6 for 50, \$10 per 100, from yards 3, 4, 5 and 6. From yards 1 and 2, \$3 per 15 straight. Write your wants. Circular free. Mention this paper. Homer H. Hewitt, Williamsburg, Blair Co., Pa.

Skinner's Exhibition Wh. Wyandottes

Large blocky, stay white kind. At the Aurora Poultry show from January 4 to 8, 1910, my winnings were 1st cock, first, second and fourth cockerel, first, second and third hen, first and third pullet, 1st pen.

Frank E. Skinner :: Sandwich, Illinois

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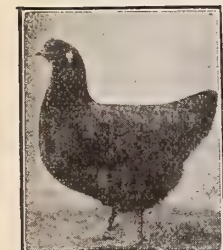
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I am offering the cream of the season's crop of grandly bred chicks, all rich in the blood of Boston, Madison Square, New York, and Missouri State winners. Both cockerel and pullet bred birds, large and full of quality. My new annual catalog free for the asking, illustrated with tone to life photos.

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Win again at the Ohio State Meeting at Youngstown; Lester Tompkins, judge. My birds won the Ohio State cup, the \$25 cup best display, cup best cockerel and pullet and in all 17 prizes on 14 entries. Get mating list free. Catalogue with photos of prize birds showing the best Red type in the world with valuable Red information, four cents stamps. Strong breeders for sale. S. C. Reds. :: :: ::

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THE WORLD'S CHAMPION PEN OF WHITE ORPINGTONS

Defeating the famous Kellerstrass, Cook and Sunswick entries at the Madison Square Show, 1910. Extract of catalogue of show:

3rd—3116	Wm. Cook & Sons	4th—3120	Ernest Kellerstrass
5th—3117	Wm. Cook & Sons	3121	Sunswick Poultry Farm
3118	Harold Purvis	1st—3122	Fred Harries
2d—3119	Ernest Kellerstrass	6th—3123	Elm Poultry Yards

Extract from New York Sun, December 31, 1910. In the exhibition yards of Orpingtons a notable victory for home bred was in the white variety, Fred Harries of Lakewood Farms winning the honors. A limited number of eggs will be sold at ten dollars per setting. Buy from American bred birds and buy from the man who raises winners.

Fred Harries :: "Fernlea" :: Elmsford, New York

Manager Supply Department Lakewood Farms. Member of American White Orpington Club American Orpington Club. Breeder of Orpingtons for over twelve years. Winner of more than three hundred firsts, specials and silver cups. :: :: :: :: ::

First, Messrs. Mathews, Armstrong & Co., who won the Shape Special on a grand large bird of exceptionally fine color, low down in type. Second, close up. Third, Dr. Knapp, must have crowded the winners closely. Fourth, a grand good hen out of condition. Fifth, a hen of exceptional quality, exceptionally strong in color, comb a trifle too high. Sixth, Mr. J. S. Haupt, on a grand hen that we like very much. In type, color and head points, one of the best we have yet seen.

Cockerels (14)—First, second and third, Owen Farms, on three of the most finely balanced cockerels yet shown. Fourth goes to Mr. Henry B. Prescott on another extra good one. Fifth to Dr. Knapp. Sixth to Mr. Tyler Crittenden, on a bird of extra high quality. This bird's condition, we believe, put him back.

Pullets (11)—First, second, third, fourth and sixth go to Owen Farms; enough said. Fifth, a nice bird but hardly the quality of the winners.

Pens, Old (3)—First, Elm Poultry Yards, also winners of the silver cup for the best pen of Orpingtons in the show, all varieties competing. Second to Dr. Knapp, on an extra quality pen.

Pens, Chicks (3)—First, Owen Farms, on a pen of rare quality. Second, Mr. Tyler Crittenden, another grand good pen.

Single Comb Whites.

Cocks (12)—First, Owen Farms, a bird of rare quality, depth of body and color, an easy win. Second, Mr. D. Doeher, on a first class bird, but not the depth of body or the rare coloring of the winner. The balance of the class all birds of rare merit.

Hens (10)—First and third, Owen Farms, the winner, being the best White Orpington hen, we believe, yet shown. Second, Mr. B. E. Darling, on a large low down hen of splendid quality. The balance of the class showed much merit.

Cockerels brought out a class of thirteen. First, Owen Farms, was also the Shape and Color winner, and the best bird we have yet seen in White Orpington males, being absolutely pure white in color and great depth of body; an easy win. Second, third, fourth, fifth and sixth, all birds of extra quality, but not that rare finish and depth of body shown by the first and second winners.

Pullets (26)—Here was another Owen Farms win. First, second, fourth and fifth went to them. The first prize pullet, "Harriet," valued at \$10,000, is undoubtedly the best White Orpington female yet shown. She was the winner of the Shape and Color Specials, and so many other ribbons decorated her coop that it is impossible for us in this brief writeup to give them all. She was the center of attraction among the Orpingtons and richly deserved to be. Second, another high quality bird of the low down type, that we are familiar with in the black variety but seldom seen among the whites. The balance of the class showed a lot of quality.

Pens—First, Owen Farms, on birds of the same quality as shown in the open classes. Second and third, fit to win the blue in almost any other competition. The display of Rose Comb and other varieties of Orpingtons contained many birds of the very highest quality.

Single Comb Leghorns—Brown.

Cocks (2)—We were unable to get the awards in this class as no ribbons

were up, and the catalogue shows no prizes being given.

Hens (3)—First, good in comb, eye, shape and color; color of legs, a rich yellow; a good win. Second and third well placed, close up to the winner.

Cockerels (6)—First, Color Special winner, a bird of nice type. Second, owned by Mr. Waldo Kennard, won the Special for best shape in class, fine in lobe, comb and stripe, well up on legs; must have crowded the winner. Third, fourth and fifth well placed.

Pullets brought out a class of eleven. First, Special for best shape and color, goes to a neat, trim, well balanced bird. Second, another of the highest quality. Third, looks to us like a winner, but the judge must have found something to put her down so low. Fourth, fifth and sixth well placed.

Rose Comb Browns.

First, Shape Special winner, a very neat, trim bird with good head points, and distinct striping. Third, fourth and fifth, winners, all owned by Mrs. George B. Inches, North Grafton, Mass. Second, owned by the Gale Poultry Place, New Haven, Conn., the best colored bird in the class, and not only won the Club Specials for best shape and colored male but the Association Special for best color.

Hens (9)—First, second, third and fourth went to Gale Poultry Place, on four grand birds. Fifth and sixth to Mrs. Inches.

Cockerels (11)—First, a grand good bird, good color, well up on legs, closely followed by the second bird of the same type. Third, high quality specimen shown by Gale Poultry Place. Fourth and sixth well placed.

Pullets (9)—Brought out a class of the best Rose Comb birds we have seen for a long time, the prizes being divided between Gale Poultry Place and Mrs. George B. Inches, the former winning first, second, third and fourth on birds of the best of quality and closely followed by the latter, winning fifth and sixth.

Single Comb Whites.

Cocks (8)—Here was quality galore. First, fourth and fifth goes to Pine Top Poultry Farm, Hartwood, N. Y., on three strictly high class males. The first prize cock is the winner of nine Specials in this class. He is strictly one of the best high quality males we have yet seen. Second, another bird of quality, good all over, followed closely by the third prize male of Elm Poultry Yards, Hartford, Conn. Fourth and fifth show same type and quality as the winners of the class.

Hens (7)—Here again Pine Top wins the blue, also second and fourth. The first prize hen showed almost ideal in every section. Second, another of the same type. Third, another from Elm Poultry Yards, close up to the winners. Fifth well placed.

Cockerels brought out a class of twelve, all shown in the pink of condition and all fit to win the blue in most any other competition. Here again Pine Top wins first, third and fourth, the first prize cockerel being awarded Special medal for the best male in the Mediterranean class, also the Association Special for best shape and color. Second goes to Elm Poultry Yards, on a cock bird of splendid quality, absolutely pure white in color but not quite as rich in leg color as the winner, nevertheless a strictly high class bird.

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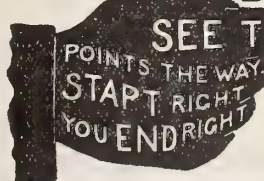
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shows the strongest hatching eggs BEFORE incubation. Think of the saving! Thoroughly advertised and tried last year, 12,000 now in use. **INCOMPARABLE TESTIMONIALS.** "Strongest germs in eggs testing 'xx.'"—SEILER. How do your eggs test? Send for one and find out. Use the Tester now at our risk and for sixty days after the first hatch is off. If not desired, money refunded. A boy can test 10 per minute. Sent prepaid, complete, with newest methods of incubation, on receipt of \$2.00.

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MILLVILLE POULTRY FARM

S. C. W. Leghorns

are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. We have one of the largest farms in the country and can supply your needs promptly. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

Millville Poultry Farm Co., M. J. Haitz, Mgr., Box 1002, Millville, N. J.

THOMAS' WHITE ROCKS

Win at Akron Show, 1910. Second cockerel, first and second pullet, second and 3d cockerel and first pen. My first pen was pronounced by judge to be best pen in show. Also won special for best display. Write for prices on eggs from select matings of line bred, trap nested stock.

James R. Thomas : East Akron, Ohio

Bateman's Black Langshans

WORLD FAMOUS WINNERS—At the late Chicago show they won a large majority of prizes and every special on males. They have won more premiums at Chicago in the last ten years than any other strain. If you are looking for quality in stock or eggs, I have it. Write me for prices.

JESSE T. BATEMAN : BOX A : WAVERLY, ILLINOIS

S. C. BUFF ORPINGTONS

Winners of 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, cup and display at the great Missouri State show, St. Louis, December, 1909. Also four out of a possible five firsts, Ill. State Fair, 1909. Booking egg orders.

L. H. Eldridge - Box A, Bradford, Illinois

The balance of the class was well placed.

Pullets (6)—First, third and fourth goes to Pine Top, the winner, being one of the neatest, well placed pullets we have seen this year. She was also the winner of the Association Specials for best color and shape and the National Single Comb White Leghorn Club Specials for best colored female, best shape female, best headed female and best female shown by a club member. Second to Elm Poultry Yards, on another grand pullet of the same type and quality. Third, a good one, closely followed by fourth. The balance of the class were fit to win in almost any other competition.

Pens—First, Pine Top, closely followed by Elm Poultry Yards. The class as a whole is one of the best out this year, and a pleasant feature of the exhibit was the decorations of the Pine Top cages of sprigs of pine.

Single Comb Buffs.

Cocks (5)—First, a nice soft, even colored bird, good head, good shape; owned by Mr. L. M. Rancor, Tiffin, Ohio; a good win. Second and fourth not so good in head and color as winner. Third, a bird of splendid quality, but seemed to be out of condition, otherwise might have gone higher. Fifth, owned by Mr. Peter S. Hurt, Thorntown, Ind., a good even colored bird, but due to his comb being frozen did not show at his best.

Hens (9)—First and second, both hens of high quality. Third, owned by Mr. M. C. Swartout, Groton, N. Y., we like very much, being a bird of rich golden color and of good size. The balance of the class well placed.

Cockerels brought out a class of ten. This was a quality class of the Buff Leghorns exhibited, first going to Mr. E. Jeffries, Toronto, Canada, on one of the best cockerels we have seen this year. He was also the winner of the Association Special for best shape and color. Second, another rich golden buff bird, not so high on legs as winner. Third, a bird of nice type, only a trifle coarse in head. Fourth, a very rich fine even colored bird, too coarse in comb. Fifth, one of the best colored birds in the class. Sixth, another fine colored bird, nice lobes and color of legs, not showing any sickles.

Pullets (14)—First again goes to Mr. Jeffries in this class, on a very neat fine colored bird; a good win. Second, another nice bird, not so good in color of tail. Third, of the same type, but fails in tail and color of legs. Fourth, a nice shaped bird, well up on legs, trifle dark in color. Fifth, even colored, one of the best shaped birds in the class, trifle coarse in comb.

Pens—We were sorry to see but one pen of this beautiful variety exhibited at Boston, although it contained birds of splendid quality. The exhibit as a whole is one of the best seen this year, the chief criticism being many of the birds carried too heavy combs.

Minorcas—Single Comb Black.

Cocks—First and second to Mr. T. A. Faulds, London, Ontario, the first bird winning the Shape Special.

Hens—Here again first, second, third and fourth went to Mr. Foulds, on birds of the very highest quality. They were indeed four grand birds to be shown by one exhibitor.

Cockerels—First, second and third to Foulds, a very fine strictly high class quality.

RICKEY'S WHITE ROCKS

The kind that win. Some choice show and breeding cockerels for sale. Write for prices and full particulars. I am now booking orders for eggs for hatching from my prize pens. Pen one headed by first prize cock and special prize at the big Missouri State Fair for best cock in show room and contains first prize pullet Missouri State Show and also second prize pullet at the State Fair. Pen two headed by first prize cockerel at Missouri State Fair. Give me a trial. I guarantee satisfaction. Send for catalogue. It is free.

J. C. RICKEY, BOX B, CLARENCE, MO.



ORPINGTONS

Single Comb Buff, Black and White

We can supply you with high grade exhibition birds bred from our famous champions, who took the highest honors in their class at New York, Boston, Cleveland, Allentown, Hagerstown and Trenton.

**Choice
Cocks, Hens,
Cockerels,
Pullets**

1910

**Grand
Utility Stock
Hatching Eggs
in Season**

Write for our new Illustrated Catalogue just out, address

Sunswick Poultry Farm : South Plainfield, New Jersey
Inspection Invited Rufus Delafield, Owner Trains Met



First Pen Cockerel of Cleveland, 1909

COVERT'S

Narrow sharp barred fellows won in the great Coliseum show at Chicago, December, 1909, in competition with 239 birds in class, 2d hen, 3d cockerel, 3d pullet and 2d pen. Shape special on male. At Cleveland, 1909, won four regulars and color special on female on five entries. Choice breeding cockerels, pairs, trios and pens, also pullets that will breed prize winners at popular prices. Satisfaction guaranteed.

COVERT'S BARRED ROCK FARM
WILLOUGHBY : OHIO

Pullets—First, second, third and fourth to Foulds. These four pullets, like the balance of the winners of this variety, were of the best of quality.

Rose Comb Blacks.

Cocks—First, Mr. B. J. Mountjoy, London, Ontario, Canada, on one of the best birds of this variety we have ever seen shown. Second, third and fourth, Foulds, good in shape and color, but not so large as winner.

Hens—First and third to Foulds. Second to Mr. H. H. Bailey.

Cockerels (9)—This was a splendid class. First, second and fourth went to Foulds. The first prize cockerel was awarded the Association Special. Third and fifth to Mr. Calvin H. Lee, Hyde Park, Mass., not quite so large as first and second.

Pullets brought out a class of ten of the best of this variety we have yet seen. First, on a large rangy bird, absolutely free from foreign color, fine in head points and well up on legs. Second, third, fourth and fifth to Foulds, all well placed.

Pens—We were sorry to see that there was but one pen shown in this variety, but they were good enough to stand the strongest competition.

SPECIAL REPORT ON BARRED PLYMOUTH ROCKS AT BOSTON SHOW.

By Judge Chas. H. Wells.

Barred Plymouth Rocks.

Another Boston show is past and one that marks an epoch in Barred Rock history. It was a battle royal of classic quality among the veteran fanciers and of surprises brought out by the younger breeders no less marked; also the strongest, and best class as a whole that I have ever seen at Boston.

The breeders who were fortunate to attend will need to strive with renewed efforts to keep up with the pace set at this show. First cock was one of those large well-finished birds that always attracts attention, with good head, comb, length of back and that go to make the good Barred Rock type. Second, a grand type of bird with surface and under barring that would make all sidestep, but put back for absence of secondaries. Third, fourth and fifth were exceptional good birds, but perhaps lacked a little in show condition to first and second.

Hens—Here was the most interesting class of the four, showing three distinct types of barring, and in all of them quality of high degree, making it harder to place the awards. First—A fine large hen, very sharp and narrow in barring, an easy winner. Second—A finely barred bird that ran a little too dark on head, very clean cut in barring and a choice specimen. Third—A little small, but nicely barred and laced in all sections; of that soft dark blue color pleasing to the eye. Fourth and fifth were large hens of the same type, barring and lacing, but perhaps not quite as closely barred. However, very "classy," and the owners may well be proud of them. There were ten or twelve more in this class deserving of mention which could not be placed.

Cockerels a large class. The first a bird of fine station, strongly barred in all sections, like the first hen, also an easy winner. Second a little short in back, but outside of this little fault could be found with him. Was one of the blue ones. Third fine in station and

BUFF AND BLACK ORPINGTONS

M. E. Taylor : Box A : Orleans, Indiana

Males heading our pens as Buffs and Blacks are winners at Boston, Madison Square Garden and Chicago. Also our Blacks are blue ribbon winners at every important show in the south, such as Nashville, Birmingham, Memphis and other shows. Send for mating list and prices on stock. A few first-class specimens for sale at reasonable prices.

Parmenter's S. C. W. Leghorns

First prize winners Chicago and Springfield, Ill., 1908-9. At the recent great Mo. State Show, St. Louis, in a very large and hot class we won second and fourth cockerel, second pen and third cock. If in need of high class exhibition or utility stock, send me your order. I can do you good and will treat you right

Robt. D. Parmenter - - Knoxville, Illinois

Golden Wyandottes

Prize winners. Have some choice exhibition birds now ready to ship. Eggs from choice mating. Write for prices.

Phil Farren - Columbia City, Indiana

White Rocks

My birds were winners at Baltimore, 1910, in a hot class of White Rocks. My first prize pen was conceded the best ever shown here. These winners and others equally fine will be in my breeding pens. I sell you the same eggs from which I hatch my winners. Some fine specimens for sale. Write for prices.

A. R. EARLY : : ROSLYN, MARYLAND

McClave's Barred Rocks

OLDEST STRAIN IN OHIO. Bred on Linwood Farm since 1874. Choice cockerels, trios and pens at reasonable prices. I also breed best prize winning White and Golden Wyandottes, White and Brown Leghorns, Turkeys and Water Fowls. Eggs for hatching. Largest poultry farm in Ohio.

CHAS. McCLAVE - - NEW LONDON, OHIO

Champions of the West

200 Barred Plymouth Rocks for sale. Direct descendants of Barred Right and Just Right Champions of Chicago Show, 1906 and 1907. Exhibition males and females for sale. Send for circular and state what you want.

Geo. A. Heyl - Washington, Ill.

Successor to Dr. O. P. Bennett - Having purchased his entire flock

Buff Rocks

At the big Missouri State Show held in St. Louis, December 11 to 16, won cash special for best display, State Club cup given for best cock, cockerel, hen and pullet, 2d and 5th cock, 3d, 4th and 5th hens, 2nd pullet, 4th pen. Winners in our largest shows for the past fifteen years. Show birds and breeders for sale. Send for booklet.

E. L. Delventhal Buff Rock Specialist Box A, Warrenton, Mo.

SINGLE COMB **LEGHORNS**
BUFF
 of real merit intelligently bred from Boston, New York, Chicago and Indianapolis winners. Peter S. Hurt, Rte. No. 5, Thorntown, Indiana.

SINGLE COMB
White Orpingtons

I have quality and can please you. Best pen eggs, only \$5; second pen, \$3 per 15. White Faced Black Spanish eggs from fine birds, \$2 per 15. I guarantee satisfactory hatch.

Portage Poultry Yards
Geo. W. Gehring, Prop., Elmore, O.

FENTON'S
COLUMBIAN WYANDOTTES

Won at Chicago 4 firsts, 3 thirds, 2 fourths, 2 fifths, 7 club ribbons and silver cups in the largest class of Columbians ever shown in Chicago. Lots of fine breeding cocks and stock for sale. Get my prices. I give quality and satisfaction.

Walter G. Fenton, Mt. Clemens, Michigan

AMATITE Mineral Surfaced
AROOOFING Needs No Paint
 Send for FREE Sample

Barrett Mig. Co., New York, Chicago

Golden Wyandottes

The prize winning and egg laying kind. At Boston, January 1910, they won 2d cock, 2d, 3d, 4th and 6th hen, 6th cockerel, 1st, 3d, 4th and 5th pullet, 1st pen, best cock and 4 hens, best cockerel and 4 pullets and 16 other specials. Let me quote you prices on this kind of stock. I have bred Golden for 14 years and you will get the benefit of this kind of breeding for they will breed right.

Loren H. Brown, Lock Box 16, Lunenburg, Mass.

WHITE AND COLUMBIAN Wyandottes

Winners at World's Fair, Madison Square and win again Boston, 1910. Exhibition and breeding stock for sale. Also eggs from yards containing my winners, \$5 per 15. White Rocks with a long list of winnings at the leading shows. Plenty of grand breeders yet for sale and eggs from several grand pens. Order early

C. W. Pratt :: North Abington, Massachusetts



Buying day-old chicks is the cheapest, surest and safest way to start a flock. Our chicks are hatched by a new system, Mammoth incubator, from eggs laid by healthy hens. Our chicks live, they can't help it. We hatch from ten leading varieties and ship safely any distance. Stock all pure bred and best laying strains. Prices from \$8 to \$20 per 100. We tell you all about them in our catalogue—it's free. :: :: ::

Co-Operative Breeding & Hatching Co.
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surface, but not as well under barred as first and second. Fourth, fifth and sixth—Fine blue barred birds that would do credit to any breeder.

Pullets—First—So very fine and ringy in barring that it put her in a class by herself, but lacking a little in shape. Second—Fine in shape and an easy winner. Third—A little immature, but one of the blue variety that stop you and demand your attention. Fourth—Cut out for a very large bird, but not as well finished yet, showing great quality. Fifth and sixth—Fine pullets, close to the fourth.

Pens (old)—First—Good quality throughout. Second—Extremely close to the winners, but male looked as he had been over shown.

Pen (young)—First—Remarkably good, and it seemed that nature and the artist who selected them had done their best. Second—A fine pen, but male lacking in finish. Third—A grand lot of females, but male not as good in under barring.

GAME BANTAMS AT BOSTON SHOW.

By James Glasgow.

While the display of game bantams was not large in numbers there were many individual specimens that fairly teemed with quality. A number of New York winners were in evidence and carried off the highest honors.

Black Red cocks were good all through, and outside of the winner the others were a very evenly matched lot and could easily have changed places on the list of honors. Black Red hens, the winner at New York, looking very fit, and stands out. Second, third and fourth birds grand in quality. Black Red Cockerels—Cockerels first, also a New York winner, looking his best and wins second; close up; lacks the get-up of first, third and fourth birds, that could win anywhere. Black Red Pullets—First a gem of the first water, one of the best we ever saw. Second another good one; lacks the finish and hardness of feather to the winner. Balance very good quality. Brown Reds—Few, but good. Silver Ducklings—Fit to win anywhere. Golden, winning cock, stood out.

Pyles brought out a sensation in the cockerel class, the first prize bird being a perfect model with a ground color as white as snow.

Birchens grand in quality, with one or two exceptions.

Whites have made great strides, and in our opinion are pushing the other varieties close.

Blacks and A. C. V. a very mediocre lot, and leave room for great improvement to enable them to find a place in a first-class show.

AN INTERESTING STORY OF THE UNEQUALED RECORD OF WINNINGS MADE BY OWEN FARMS, VINEYARD HAVEN, MASS.

The record of winnings made by the Owen Farms at the late New York and Boston shows has, we believe, never been equaled in the annals of poultry history, and it is indeed a wonderful record when we stop to think that they succeeded in having 151 birds placed under regular prizes in these two shows, besides an enormous number of Specials and this remarkable and unequalled record is still stronger when we know the fact that only nine birds which

Silver Penciled Plymouth Rocks

My first prize cockerel Hagerstown, Md., is a wonder. 11 prizes at Va. State Fair and Hagerstown, 1909. Eggs, \$1.75 per 15. Stock for sale

D. W. JARDINE, STAUNTON, VIRGINIA

S. C. BROWN LEGHORNS

Birds of Quality—Winners at Madison Square Garden in 1907 and 1908. Write for prices. Astoria Leghorn Yards, 240 Jamaica Av., Long Island City, N. Y.

WHITE ROCKS

Bred right for 7 years. I have two very choice pens mated for this season's egg trade. Will spare a few settings from pen one at \$8 per 15; pen two, \$5. A few extreme quality cockerels and pullets yet for sale. Write for my mating list giving winnings and scores at largest shows in the state.

W. N. Graham, Bradford, Illinois

White P. Rocks

Exclusively. Prize winners scoring to 95. Eggs in season, \$3 per 15. Quality, not quantity, is my aim. :: :: ::

J. F. RAFFERTY, - CANTON, ILL.

THE UHL HATCHERY

OUR 10th SEASON—We will have the most perfect Mammoth Hatchery, and furnish only strong and perfect chicks (just like hen hatched). More varieties, and highest quality pure bred stock. Book orders early. Catalogue free.

M. UHL & CO.
 Box B, New Washington, Ohio

SINGLE COMB Buff Orpingtons

Winners at New York, 1908-9, Boston, 1909-10. Stock and eggs for sale. Eggs for hatching, \$3.50 and \$10. Send for mating list. Telephone connection.

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 Let us send you an actual sample of Page Woven Wire Fence and our valuable Quarter Centennial Catalog Free. See the real Page Wire! Examine the method of weaving the wonderful Page Knot—the Knot that can't come off! Study the many styles of Page Fence and the Panorama of Pictures showing extreme tests which this splendid fence withstands. Read how, in our great mills and factories, we put elasticity, tensile strength and durability into High Carbon, Basic Open Hearth Steel Wire. Learn what this means in economy. Specified by U.S. Government as standard of quality. Approved by a million farmers. Write at once for Free Sample of Page Fence and Grand Quarter Centennial Catalog. (4)
Page Woven Wire Fence Co.
 Box 222L Adrian, Mich.

were entered in the exhibit at New York were again in their exhibit at the Boston show, and again this record is still the more remarkable when we stop to consider that the Owen Farms are breeding the four most popular varieties, namely, Barred and White Rocks, White Wyandottes and Buff Orpingtons. They won first pen at New York in each of the varieties shown there.

New York.

White Plymouth Rocks—Champion male, Special for whitest female and many other Specials.

White Wyandottes—Many of the Club Specials.

Barred Rocks—Many of the Club Specials.

Buff and White Orpingtons—Many of the Club Specials.

Boston.

White Plymouth Rocks—Specials for best shade male.

White Wyandottes—\$100 Challenge cup for champion female. Special for best shape female. Special for whitest female. Special for best collection. Special for best cock, hen, cockerel, pullet and pen. Special for best cock and four hens, and the majority of the other Club Specials.

Grand total of fifty-five points, eighteen more than was ever made before at Boston by an exhibitor of White Wyandottes, and the second best record was made by Owen Farms in 1906.

Buff Orpingtons—Special for best colored male. Special for best shape female. Special for best shape male, and Special for best collection. Special for best cockerel and four pullets.

Black Orpingtons—Cup for champion Orpington male, goes on the black cockerel. Special for best colored male. Special for best colored female. Special for best shape female.

White Orpingtons—Cup for Orping-

ton female, goes on the first pullet. She also wins Special for best shape and best colored female. This wonderful pullet "Harriet" won first prize at the Crystal Palace show, London, and is without doubt the most valuable female in the world. Special for best collection. Special for best cockerel and four pullets. Not a white Orpington shown in New York was shown in Boston.

Black Orpingtons—Special for best collection. Special for best cockerel and four pullets.

It was quite a surprise to the poultry world when the Owen Farms brought in an exhibit of White Orpingtons at the Madison Square Garden show, as no one supposed they were breeding this variety, and the surprise was still greater when they won three out of four first prizes competed for.

They won nine first prize pens at the New York and Boston shows, winning at New York first on Barred Rocks, first on pullet breeding Barred Rocks, first on White Rocks, first on White Wyandottes and first on Buff Orpingtons. They also won first pen in each of the following varieties entered and at Boston they won first pen White Wyandotte fowls, first pen White Rocks, first pen Black Orpington chick, first pen Buff Orpingtons and first pen White Orpingtons.

This is indeed a glorious victory for Owen Farms.

REVIEW OF THE BUFF WYANDOTTE CLASS AT MADISON SQUARE GARDEN.

By Dr. Sanborn and J. E. Willmarth.

There were six cocks, first being an easy winner, getting also the Special for best male; fine head, with exception of a torn wattle; one even shade of medium buff all over. Second cock was

a large bird, well built and in good show order; light shade of buff. Third cock, a low down bird, much like first but lacking red color in eyes; when full feathered will be hard to beat. Fourth, a large soft colored bird, rather light in color and has a large comb, full of life. Fifth was strong in color, good head, tail carried rather high, being in poor feather.

Hens numbered six, first being of good size and nice type, medium shade of buff all over, rather poor comb. Second, a big bird of grand type and even color, a trifle light in leg color, but not shown at her best. Third was good type and size, body a shade lighter than neck. Fourth hen was large and good shape, and even solid buff all over, but failed to winners in poor legs and lobes. Fifth, rather long in back and a light shade of buff, an unplaced hen showed better type, but in poor condition and rather small.

Cockerels were the banner class, with thirteen birds in line. First was nice color, except body was a trifle lighter than hackle, had an extra fine head. Second bird took shape Special and was a nice shade of medium light buff all over and had a fair head. Third was a fine colored fellow, good shape but rather poor in head. Fourth, similar to second, not quite as good color. Fifth, medium dark shade, fair shape and color.

Pullets numbered ten, first being the star of the class, grand shape and color but rather out of condition. Second resembled first, smaller and not quite as good all round. Third was grand body type and nice even color, a trifle dark and slightly up on legs. Fourth somewhat similar. Fifth, good type and color, lacks in eye color.

Pens started with a well mated pen, headed by a grand shape and color cockerel, a trifle small. Second pen well mated, good in type and color. Third

HAUPT'S ORPINGTONS

In Single or Rose Comb Buffs, Whites or Blacks are conceded the best. Ten years an Orpington specialist, having won hundreds of prizes, specials, cups, diplomas, etc. Does that stand for anything? Have started more successful Orpington breeders than all others. Winners at New York, Phila., Allentown, Jamestown Expo., Va., Easton, etc. Our latest success at Pa. State Show: 1st pen W. Orps., 1st pen Blk. Orps., 1st S. C. Buff cock, 1st R. C. Buff cock, 1st R. C. Buff hen; 5 possible 1st prizes on 6 entries. For stock, eggs or chicks, write us. We guarantee all our dealings.

FAIRVIEW FARM - J. S. HAUPT - EASTON, PENNA.



Barred Ply. Rocks and Columbian Wyandottes

Barred P. Rocks which are bred from a list of winners at the hottest shows in this part of the country for the past 12 years. We offer for sale both old and young stock, singly, in pairs, trios or pens for pullet or cockerel mating. Books now open for egg orders. : : : : :

Col. Wyandottes which have never been without a place in the show rooms for the past 4 years. We only offer for sale a number of fine shaped, blocky ckl. with good markings. Orders for eggs should be booked early, as we will have only a limited number of Columbian Wyandotte eggs. :

Tannenbaum Farms : : Willoughby, Ohio

S. C. WHITE LEGHORNS

The quality kind, bred exclusively for ten years. Unparalleled wins in some of the best competition. Don't fail to write for circular. Both stock and eggs for sale.

Bed Rock White Leghorn Farm : C. C. Foster, Proprietor : Quincy, Michigan

A REAL TRIUMPH IN White Wyandottes

In as strong a class of birds as was ever shown in the White Wyandotte world (outside of New York City) including winners from the late Chicago and Cincinnati shows, on an entry of sixteen birds I won first cock, third cockerel, second hen, first and second pullet and first and third pen. National White Wyandotte cup for best cock, hen, cockerel, pullet and pen. Best display—three \$25 loving cups, three \$10 cups, three silver medals and other prizes. My first pullet and second hen were the great attractions of the Wyandotte class. My first pullet was considered by four judges to be the most typical female they had ever seen. I refused a large price for this bird. She is in my first breeding pen. I will give you honest value for your money. Eggs, \$5 and \$10 per setting. Stock about all sold.

F. D. Sutton : 68 St. Louis Avenue, Youngstown, Ohio

NOTICE TO ROSE COMB R. I. RED BREEDERS

At the great Chicago show, December 7th to 12th, in the strongest Rhode Island Red class ever exhibited, including both the Eastern and Western breeders, my male "KING PHILLIP" took first cock. My other prizes were as follows: Second hen, third pen, fourth pullet, fifth cockerel. My exhibit of forty splendid Rose Comb Reds of uniform color and type has never been surpassed. I was the only exhibitor winning in every class. Send for free sale sheet. Mailing list will be ready after February 1st. Rhode Island Red Book—Origin and History of Rhode Island Reds; How to Mate and Breed Them, Etc., for ten two-cent stamps, ready January 1st to 12th.

C. L. Buschmann, 4939 North Meridian, Indianapolis, Ind.
NON-FADING ROSE COMB RHODE ISLAND REDS

THE BEST IN THE WORLD TEMPLIN'S SPRAY PUMP



The Best Pump in the World—"Templin's"—with a poor nozzle attached, would make a very poor combination; a poor sprayer. The Best Nozzle in the World—"Bordeaux" attached to a poorly constructed pump would make a poor combination; a poor sprayer. But the "Templin" Pump and the "Bordeaux" Nozzle combined, as we have them, makes a union that for strength, durability and efficiency, fully meets the requirements of the most exacting users.

IT'S JUST WHAT YOU NEED TO WHITE-
WASH YOUR POULTRY HOUSE

Guaranteed for two years. Full description
and price in our 1910 catalogue.

TEMPLIN'S "WONDER" GRAPE COLLECTION

For fourteen years we have been offering this splendid collection of 8 Grape Vines for 50c. Of course, a few changes were made in the varieties by adding new and superior ones instead of the old. As it is now it contains

More good vines and
More high grade varieties than
Were ever before offered for 50 cents

The collection contains three black, two red and 2 white sorts; a rare selection of "the best in the world," considering hardiness, vigor, productiveness and excellence of flavor, as follows: Brighton, Concord, Delaware, Diamond, Lindley, Moore's Early, Niagara and Worden.

JUST WHAT YOU NEED FOR SHADE IN YOUR POULTRY YARD

Order today! We will send the eight varieties, good one-year-old vines, to any address, postpaid, for 50c. And if you mention American Poultry Journal when you order, we will give you one vine extra—nine vines for 50c. Our 1910 Catalogue Free—Write for it today—just now. It contains many other great and liberal offers; we can't give them here. It also contains Nine of the Best Breeds of Poultry.

L. TEMPLIN SEED CO. : BOX 90 : CALLA, OHIO



were good shape and color but not as well matched as above. Fourth was headed by a nice male but pullets were not very evenly matched. Fifth contained some very good ones but male was darker than pullets and latter varied in size.

RUMBLINGS OF THE CHICAGO SHOW.

Many were the complimentary remarks to be heard of the fine Partridge Plymouth Rocks of S. A. Nofztger, North Manchester, Ind., who is the originator of this grand breed of fowls, and well did his exhibit deserve the commendation which they received, for they were typical Rock shape, fully equal to the average shown in any other Rock class, and as to color, no other Partridge variety excelled them.

The first cock was simply grand in shape and color, the bird having as good quality as any other in the show, better hackle and saddle color than is being produced in any other bird, and he had a solid black breast and fluff.

The second cock, while very rich in color, with rich bay eyes, was not quite so good in shape, but good even in that respect.

The first cockerel was a ten-pound bird, a rich colored fellow, good from head to foot, and we are informed the full sisters of this bird were in first prize pens.

The second, third and fourth prize cockerels were big, husky fellows, indicating that Mr. Nofztger has not overlooked size and vigor in producing his strain.

The first and second hens could either of them have been placed first, as there was little room for choice between them, both being typical in shape and elegantly penciled, the sides being rich mahogany in color. The third hen was a little short in feather, otherwise she might have given a better account of herself. Four grand pullets were first, second, third and fourth, and we learned that these were full sisters to some of the cockerels shown, which is surely a gratifying fact to anyone who contemplates taking up this variety, as it is proof conclusive that no double mating is required in this variety, and that they are breeding very close to standard requirements. To all who are casting about for a variety, or the breeder who desires to try another variety, we would suggest getting in touch with Mr. Nofztger and consider well this beautiful variety of the Rock family before coming to another decision. His ad is to be found elsewhere in this issue.

POULTRY IN VIRGINIA

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LEBLANC, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.






The Baltimore Show

Held at Fifth Regiment Armory, January 4 to 8, 1910—
A Truly Great Show

We must say that the Baltimore show presented the prettiest appearance of any poultry show room we ever stepped into. The 5th Regiment Armory contains 60,000 square feet of floor space which is entirely unobstructed. Empire cooping was used throughout, all birds being cooped in individual coops and the hall was handsomely decorated with bunting. There was a large pen in the center of the room, divided into four sections, in each of which was to be found different varieties of geese, ornamental ducks, turkeys, etc., while at either corner of the room was a pedestal upon which was a figure of a large turkey. The armory certainly afforded the best light we have even seen in any show room, either night or day. It is much to be regretted that the weather the earlier part of the week was very bad, a drizzling rain falling which froze as fast as it fell. The attendance, therefore, was poor up until Friday, when the weather changed and a large crowd came out on Friday afternoon and evening; also again on Saturday. We understand the show was a success financially and it certainly was a success from a fancy standpoint and much credit is due the secretary, Mr. George O. Brown, for his good work in putting on this show. We feel that he was not supported to the extent he should have been by some of the other members of the association. Many of the birds from Madison Square Garden came down to Baltimore to fight for the many coveted prizes. The association offered some

sixty-four handsome silver cups, besides many other special prizes. Two large show cases were required to contain these cups and it certainly made a beautiful display. Some of them were solid silver and valued as high as \$100. These premiums brought out a large entry and about 3,000 head of chickens and pigeons were on exhibition.

That the show was an unqualified success in every way goes without saying, and we hope to renew our many acquaintances another year.

One of the most remarkable winnings in the show was made by the Ellenwood Poultry Farms, Charles W. Lord, manager, Hatboro, Pa., who exhibited both Single and Rose Comb Rhode Island Reds and succeeded in capturing nine out of possible ten first prizes. This great victory for the "Champion Strain" of Rhode Island Reds, following as it does upon the creditable showing which they made at Chicago, justifies the name of Champion. Their winnings in detail were as follows: On Rose Combs, first, second and fifth cock; first and third hen; first, second and fourth cockerel; first and second pullet and first pen. On Single Combs they won fifth cock, first and fourth hen, first and second pullet, first and second cockerel and first pen; also best Rose Comb cockerel and silver cup for best display of Single Comb pullets, this being won in a class of 44 pullets, special for best Single Comb hen, and numerous other specials.

The first prize Single Comb pen contained an exceptionally fine male, being very long in body, typical red type, with the rich brilliant shade of red so much desired, and the four females comprising this pen matched the male in color, with the ideal long bodied type and were so nearly alike it was almost impossible to detect any difference between them. It was, we think, one of the finest pens of Rhode Island Reds which has been shown this season. Another wonderful bird shown by the Ellenwood Farms was the first prize Rose Comb cock which is a very wonderful bird, having rich even red surface color throughout, there being no perceptible contrast in his various sections, no black in the hackle, with a fine black well striped tail, having good eye and head points and very strong in under color and wing markings and the long bodied type which we are all striving for. This bird was an easy winner in his class and will head one of their best pens this year. We believe this victory has never been equaled by any breeder of Rhode Island Reds and they certainly had the quality to justify it. Their first prize Rose Comb Rhode Island Red cockerel was, we think, one of the best Rhode Island Reds we have seen in a show room this season, reminding us very much of the first Rose Comb cockerel at the Garden.

Their hen Ellenwood Queen, which was second prize at Chicago, where she also won special for best shaped hen in a class of 88 females, again added to her laurels by winning first prize and special for the best Single Comb hen in the class. Another bird worthy of mention is their first prize Rose Comb hen, which is a three-year-old bird having a wonderful color, being as deep and rich red throughout in all sections as any pullet.

William Cook & Sons', originators of

THE PEERLESS "RINGLETS"

True to Their Tradition, Are Again Great Winners at New York

At the Imperial Madison Square Garden Show, 1909

E. B. Thompson's Barred Plymouth Rocks

win First, Third and Special Prizes on Exhibition Pens; special prize Cock; special prize Cockerel; numerous specials on hens and pullets, and the Harding \$50 Challenge Silver Cup offered for best exhibition pen. The race at this 1909 New York Show was a Marathon for speed and quality, and my First Prize Silver Cup Exhibition Pen was declared by expert opinion to be the finest ever exhibited—a paragon of perfection—and created a sensation as the finished achievement in modern Barred Rock breeding.

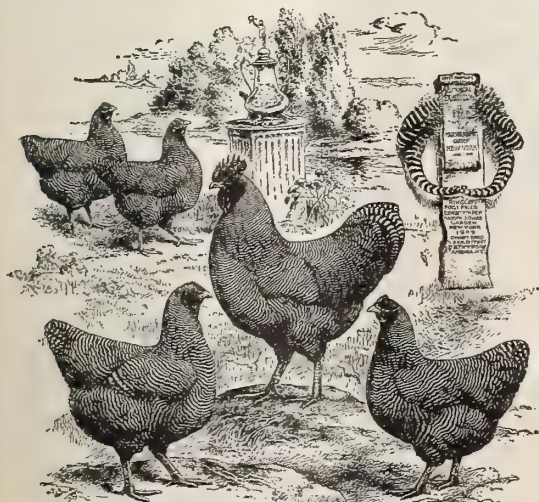
The "Ringlets" are always imitated—but never equalled. They are first in record, first in quality and first in popularity

Their record at New York for 22 years is **GOLD LINED**

—it is a calendar of successive victories demonstrating step by step their irresistible advance towards the world's absolute leadership

The Enormous Prestige of the "Ringlets" Created by Superlative Quality Has Made Them the Standard by Which All Other Barred Rocks are Judged

I now have on my farm the largest and finest lot of superior exhibition and breeding birds I ever owned; they show the "Ringlet" barring and the sharp contrasting colors that win under all judges.



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909.

Richly illustrated 58-page catalogue mailed upon request; it is full of original pictures of New York winners from life. 1000 grand breeding and exhibition cockerels for sale. Elegant hens and pullets in any number. Show birds fit to win in any competition. Eggs from the world's finest exhibition matings: One setting, \$6; two settings, \$11; three settings, \$15; four settings, \$18. You may have the product of my skill reaped by 30 years' experience, at reasonable prices. Your wants will have my very best and personal attention.

SEE MY OTHER ADS
IN THIS PAPER

Address E. B. THOMPSON, Lock Box 510, AMENIA, NEW YORK

GLEN EYER POULTRY FARM

New home of King's famous winning strain of Barred Plymouth Rocks have moved over only some select stock. Mating list now ready, gives description of new plant and the very best matings that I have ever bred from. Don't forget my new address.

O. L. KING Glen Eyer Poultry Farm Rockford, Ill.

Indian
Runner
and
Pekin
Ducks

Frogdale Poultry Farm

Geo. C. Thayer Prop. French Lick, Ind.

BABY CHICKS, EGGS and STOCK

Choice Strains

None Better Bred

White
Wyandottes,
Barred
Rocks

WHITE PLYMOUTH ROCKS

Farm raised and line bred for ten years. Won at Cincinnati, November 29 to December 5, 1909, 1st, 2d and 4th cock; 2d, 3d and 4th cockerel; 2d, 3d and 5th hen; 4th and 5th pullet and 1st and 2d pen. Judge Pierce said the cockerel at head of first pen was the best cockerel in the show and said this bird, and my first prize cock were "Wonders in White Rocks," also gave the first prize cock bird special for best colored male in the American class. If you want show birds or utility stock, write for prices. Eggs for sale after January 20th, 1910. Also white Scotch Collie pups for sale.

H. L. Brown, R. F. D. No. 4, Oxford, Ohio



CRUSADER III

Regal White Wyandotte Book

I have just received from the press my new book on White Wyandottes. It contains 52 pages and is the most complete book that has ever been published dealing wholly with the White Wyandotte. It is full of illustrations from life and its pages deal with a variety of subjects including origin, description, feeding, care of breeding stock, fertility, color, characteristics, washing for exhibition, poultry diseases, etc. My object in issuing this book is to bring to the attention of every White Wyandotte breeder, the Regal strain, America's finest White Wyandottes. The magnificent winnings of this strain at the leading shows have never been equalled. N. Y. State Fair, 1906, 1907, 1908 and 1909—21 blue ribbons out of a possible 24. Would you like such a record? Then breed the Regal strain. 1,000 Regal cocks, hens, cockerels and pullets for breeding or exhibition. Free—Send for my book—It is free.

JOHN S. MARTIN
Box 51, PORT DOVER, CANADA

all the Orpingtons of Scotch Plains, New Jersey, exhibit of Orpingtons was one of the principal ones, drawing crowds of people. Their \$1,000 black Orpington cock was the drawing card, bringing out many people not only in Baltimore but adjacent cities. This firm won eleven first prizes and five second prizes and captured two cups for the best display of Orpingtons. Mr. P. A. Cook, who was at the exhibit, reported very good sales, among which was the first prize, won by this well known Orpington firm, as first buff Orpington cock and first buff Orpington pen. The buff Orpington cock is acknowledged to be the finest specimen of this variety ever exhibited. The most attractive winnings in blacks were the first and second black Orpington cockerels, \$500 being refused for him. His other winnings were also first hen in this class. This bird is the finest colored black Orpington hen that has ever been exhibited. The display of white Orpingtons exhibited by this firm was also very much admired.

Sunswick Poultry Farm, South Plainfield, N. J., were on hand with their sensational Buff Orpington hen that won first at Madison Square Garden, doing likewise here. The entire exhibit of the Sunswick Farm attracted a great deal of attention, and we heard much favorable comment on the birds exhibited by this firm.

Kellerstrass Farm, Kansas City, Mo., brought on thirty-four of their celebrated crystal White Orpingtons to be exhibited at the Madison Square Garden show, where they won fourth, fifth and sixth cocks, fourth and sixth hens, second and third cockerels, first and third pullets, and second and fourth pen. Their white pullet was the center of attraction, as she stood out in a class by herself. The competition in White Orpingtons, one of the largest classes at the Garden, showed how popular they have become. This same string of birds came to Baltimore and won first, third and fourth cocks, first, third and fifth hens, first, second and fifth cockerels, first and fifth pullets, and first and second pen.

While at Baltimore we had the pleasure of meeting Mr. James B. Clarke, of Ellicott City, Md. Mr. Clarke was very much in evidence in Barred Rock alley, capturing first cock, fifth hen, fourth cockerel, and fourth pen on five entries. The first prize cock exhibited by Mr. Clarke was the attraction of the class. Seldom have we ever seen such straight, narrow, deep barring, bright, sharp color shown on an aged Barred Rock. He was also awarded special for best shape male and special for the best cock in the show. His birds have also been winners at Hagerstown, Md., and other shows. Mr. Clarke was a winner in Barred Rocks at Baltimore in 1909, and is certainly breeding high-class stock. Last year he captured four first prizes on Pekin ducks, first Rose Comb Rhode Island Red Cock, and fifth cockerel. He is still breeding these varieties on his farm at Ellicott City, Md., and takes pleasure in showing his stock to visiting fanciers. At Hagerstown, Md., this year, he captured first cock.

The exhibit of White Rocks at Baltimore this year was one of the strongest classes in the show, and the birds shown by Mr. A. R. Early of Roseland, Md., received most favorable comment. His first prize pen was said to be the best ever shown in Baltimore. They



FIRST PRIZE CK'RL—MISSOURI STATE SHOW DEC. 1909
BRED AND OWNED BY RUSSEL CAVE POULTRY YARDS
LOUIS LEE HAGGIN Prop., LEXINGTON, KY.

WHITE ORPINGTONS

Winners at Crystal Palace, New York, St. Louis shows, Kentucky State, Blue Grass and Scott County Fairs and other shows. We have the birds that have quality. Exhibition and high class breeding stock for sale. No pens reserved. I will sell you eggs from my selected matings containing all the above winners. Let me book your orders early. Write for prices. :: :: :: ::

Louis Lee Haggin

✻ RUSSELL CAVE POULTRY YARDS ✻
LEXINGTON : KENTUCKY

were of that typical long-bodied type so much desired by all breeders of this variety, also pure white in color, with extra neat head points. Mr. Early also captured third cockerel and fifth pullet. The fifth prize pullet would undoubtedly have been placed higher, but was not in the best of condition at the time judged.

While in Baltimore, we also met Mr. Lewis Lee Higginson, owner of Russell Kay Poultry Yards, Elmendorf Farm, Lexington, Ky., breeder of Single Comb White Orpingtons. His second prize White Orpington pullet was a bird of exceptional quality and in most any other competition would have been an outstanding winner of first. At Lexington, last year, Mr. Higginson captured first cock, first and second hen, first and third pullet, and first pen. At the Scott County Fair, Kentucky, he made a clean sweep. At the Blue Grass Fair, first and second cock, first and third hen, first cockerel, first and third pullet; at Kentucky State Fair, first and second cock, first, second and third hen, second and third pullet, first and second cockerel; Missouri State Fair, fourth cock, second hen, first cockerel, fourth pullet. When the popularity of the breed is considered and the competition Mr. Higginson had to meet, this certainly is a phenomenal showing, and bespeaks much for the quality of his stock.

THE BABY CHICK INDUSTRY.

The coming event in the poultry world is the day-old-chick idea. While to many people in America the sale and shipment of day-old chicks seems to be

an entirely new part of the poultry business, yet in reality it is as old as history itself. The huge hatching ovens of Egypt, China and Japan have been turning out for ages hundreds of thousands of chicks annually which have been sent out to all parts of the country by the slow going donkeys on journeys entailing as much time as it does to take a journey of hundreds, even thousands, of miles in this country of rapid transit. That the method has been successful is proven by the fact that it has endured through the centuries even to this day. In fact, the method is so successful that the Egyptian hen has forgotten how to set. She devotes her entire time to laying eggs for the superior talent of man to hatch. Since the fact is true that the Egyptian hen no longer incubates her own eggs, it is necessary for people to get their chicks from the large hatcheries, and as these are only located near the centers of trade it becomes necessary for those wishing chicks to transport them long distances, which is done every season. In Egypt fowls form a very important part of the diet, so we can readily see why the business has attained such huge proportions.

In Europe, in England, France and Germany the business has assumed very important proportions. The parcels post system has done much to promote the business. The writer knows of a shipment of chicks sent by parcels post from London to Berlin. Upon arrival the chicks were found to be as bright and happy as though they had not made a journey of 800 miles across the North Sea.

It is only in the last ten years that the business has grown any in this

country, but it is destined to assume a very important place in the American poultry business due to the many advantages of this method.

Baby chicks as sent out direct from the incubator, shipped by express when one day old, is a simple and directly effective way of making a start. By shipping direct from the incubators when the chicks are one day old advantage is taken of that period in the life of the chick when nature intended they should be without food and they can, therefore, without injury or discomfort be sent long distances by express and under any conditions of climate. Chicks when first hatched require neither food nor drink. Indeed such is harmful. During the first seventy-two hours the chick's life is sustained by the assimilation of the yolk, for the embryo chick develops from the white of the egg and the yolk is secreted into its system and is first sustenance. During this period chicks can be shipped as far as express can take them. It is not uncommon for chicks just hatched to be shipped one thousand miles. The mortality is about one per cent.

Many large poultry plants and utility farms have found in the purchase of day-old chicks a convenient and economical means of increasing their flocks and may at the same time through the introduction of new blood raise their standard for size, stamina and laying qualities. The large commercial poultry farms have also found that considering the investment required in incubators and outlay of time and money necessary to maintain a breeding establishment it cost them more to hatch out their own chicks than to buy little hustling chicks direct

"RECOLLECTION OF QUALITY REMAINS LONG AFTER PRICE IS FORGOTTEN"

Going to Buy

CALDWELL'S BABY CHICKS OF QUALITY



1. Are hatched from the finest utility and the choicest exhibition matings of Fisel's "Best in the World" Strain White Plymouth Rocks, possessing all of these grand blood lines in absolute purity.
2. Are incubated in a coal heated Cyphers Mammoth incubator with no death-dealing lamp fumes to poison the developing embryo.
3. Are carefully packed for shipment, full count and safe arrival is guaranteed.

That Will Mean Money For You Who Purchase, Because

strong, vigorous parent stock of such splendid ancestry, ideal incubation, correct shipping assure you sturdy stocky chicks of great vitality raised with the least effort and

They Mature into the Finest Utility and Exhibition Birds

Eggs for hatching from the same matings. Those wishing their own eggs hatched can have it done at reasonable prices. **White Wyandotte** chicks hatched from eggs bought direct from J. C. Fisel & Son. A number of other varieties can be furnished on order. Send for my handsome catalogue, it's free.

R. C. Caldwell : Box 1021 : Lyndon, Ross County, Ohio

PATENTS

Books free. Rates reasonable
Highest references. Best services
I PROCURE PATENTS THAT
PROTECT. Watson E. Coleman, Patent
Lawyer, Washington, D. C.

Pierson's R. C. Brown Leghorns

Eggs and stock in season. Address

Harry Morton : : Hornell, New York

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous farm raised
birds and persistent layers. No more stock for sale at
present. Egg orders booked now. Free catalogue.

O. E. Michael : R. R. 6 : Dayton, Ohio

**BLACK and WHITE ROSE COMB
MINORCAS**

Bred for eggs as well as show in open front houses and
trap-nests. Rose Comb Black cockerels. Rose Comb
Black and White eggs from prize birds.

High Ridge Farm, Repp & Aires, Laurel, Md.

Grand Free Building Material Catalog

5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot
bed or brooder sash \$1.69; 108 square feet guaranteed
flint coated roofing \$1.25; 100 square feet tar felt 30c;
100 lineal feet quarter round 25c; 100 feet hardwood
flooring 80c; base blocks 4c; corner blocks 2c; porch
brackets 54c. We guarantee quality and safe delivery.
Write for catalog today.

GORDON, VAN TINE CO., 1890 Case Street, Davenport, Iowa

WHITE**WYANDOTTES**

Extra choice show birds. No culls or
utility stock to sell. Secretary-Treas-
urer Naonal White Wyandotte Club.

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Box 164, YOUNGSTOWN, OHIO

WYANDOTTES

Columbians, Goldenes, Whites. R. I. Reds; both combs.
S. C. Buff Orpingtons. Old stock for sale cheap to
make room for young.

Dillon & Bell 4106 Colerain Avenue Cincinnati, Ohio

C-U-R-A**ROUP AND CANKER REMEDY**

Prevents and cures Roup, Canker, Gapes, Throat
and Head Trouble in poultry. 50c by mail. Three
boxes, \$1. Sample free. Agents wanted.

C-U-R-A CHEMICAL COMPANY., DEPT. A, AKRON, OHIO

WHITE PLYMOUTH**ROCKS**

Blue Ribbon Winners. My White Rocks have
been line bred for ten years. Choice exhibition and
breeding stock now ready to ship Eggs from extra
choice matings, \$3 per 15. Write for illustrated circular.

J. H. Trobaugh :-: Delphi, Indiana

SINGLE COMB BROWN**LEGHORNS**

Exclusively—Madison Square Garden, Newark,
Paterson and Trenton winners. At the great Inter-
State Fair recently held, on six entries I won 1st
and 2d cockerel, 2d and 3d pullet, 2d hen and 1st
pen. A few choice exhibition and breeding cock-
erels for sale at prices that are right. Eggs for
hatching from special matings, \$3.00 and \$5.00 per
fifteen. Satisfaction guaranteed.

KITTATINNY POULTRY YARDS

C. L. Puder, Prop. : Irvington New Jersey

from the incubators, thus can make an
actual saving in time and money.

The purchase of day-old chicks in-
stead of breeding birds or hatching
eggs is rapidly becoming a popular way
of acquiring new blood, and it is a
successful way too. It is convenient
for those who do not wish to have the
trouble or the risk of hatching, for
those who have no incubating equip-
ment and do not wish to go to the
expense of the same, and for those who
have insufficient equipment to hatch the
number of chicks they will require at
the time that they want them.

To the poultry farm of smaller size
or to the farmer who raises chickens
merely as a side line and treat the eggs
and poultry as a by-product of his farm
and who does not care to bother with
hatching eggs, day-old chicks come as a
special opportunity. Formerly the
farmer who went in poultry in a small
way had to choose between the trouble
of setting hens or the expense and care
of incubators with uncertain results.
Today, thanks to the baby chick idea,
this same man may make a start on an
equal footing so far as superiority of
strain is concerned as the largest and
most successful breeders and com-
mercial poultry plants and with the
same opportunity for profits and will
have the time formerly spent in incu-
bating free to look after the youngsters,
thus increasing materially his chance of
success.

Baby chick farming has a future all
its own as an avocation for town and
village dwellers or suburban residents
whose work with poultry must be gov-
erned by the conditions of small ground
area and time limited to the require-
ments of their regular business. The
elimination of the vexations and un-
certainties of the hatching period, al-
lowing this time to be devoted to the
chicks, greatly increases the chances of
success, making the care of poultry but
a pleasant diversion, which not only
pays definite dividends in health and
recreation, but unlike other hobbies
yields a revenue which not only makes
it self-sustaining but profitable.

To women especially the rearing of
the little downy balls of life is filled
with fascination, while for children
there is no way of cultivating love of
animate nature and developing powers
of close observation than to place the
poultry outfit wholly or partly in their
care, according to their enthusiasm.

And so I say to you enthusiastic
lover of fine fowl—man or woman, boy
or girl—make a beginning, be it in city
yard or suburban lot, or upon a farm.
Make a beginning, but begin right,
begin with baby chicks.

Lyndon, Ohio.

R. C. Caldwell.

WHY ANCONAS ARE MY CHOICE.

WHEN I started in the poultry
business, the greatest question
in my mind was the choice of
a breed. There were plenty of
breeds to choose from—some practically
valueless as egg producers, some other-
wise. It was of the "otherwise" kind
I wanted to make my selection.

I wanted a breed and strain that
could be depended on to meet any and
all chicken requirements that could pos-
sibly be concentrated into one flock of
birds. During my search I traveled a
great deal and read more than I trav-
eled. My eyes were constantly on the

outlook for a good article, either in the
poultry press or the poultry pen.

My birds must be hardy and easy to
raise. They must be prize-winners at
the shows, and also fill the egg basket
in the shortest possible time. They
must show superiority on the table as
well as on the nest. They must be
pleasing alike to the eye and the pocket-
book.

After studying all the good breeds, I
finally decided on the Anconas as com-
ing nearer to Sheppard's Standard of
perfection than any other.

This noted breed of chickens, im-
ported from Europe but a few years
ago, has gained great prestige among
the fanciers in America, and yet more
has it found a place in the estimation
of those who look upon the utilitarian
side alone of this beautiful, active and
ever alert bird. Its attractive color,
beautiful form and graceful carriage at
once gives it a place among the prime
favorites of the coop, in the competitive
show as well as on the table of the
preacher, and the crates of the egg-
producer.

I have known pullets to lay an aver-
age amount of 259 eggs each per year
for the entire flock, and this in the
cold climate of the Northern States.

They are active and hardy and with-
out doubt flourish best in close con-
finement of any known breed. Their
eggs hatch the largest percentage of
all breeds, because of their superior
hardiness. The chicks run forth from
incubator and brooding hen as alert as
matured song birds.

Young cockerels often crow at the
early age of six weeks. Pullets will
frequently lay when four and one-half
months old, when properly cared for.
It is my firm belief that on account of
their phenomenal growth they will pro-
duce more meat by the end of ten
weeks after hatching than any other
breed of this class, and even some of
the larger breeds.

The Ancona rooster makes surround-
ings cheerful on account of his hearty
crow. He has an ever watchful and
faithful care of his flock, going into the
nests and feed bins, calling his hens to
business and rations. No wonder the
Ancona hen is the greatest egg pro-
ducer of the poultry yard.

They invariably hatch true to the
characteristics of the breed. There-
fore one can depend on getting the fin-
est and most useful of birds when
hatched from Ancona eggs. All in all,
the Ancona is the bird you want to
breed for more chicks, more eggs, more
meat, finer feathers, more activity, more
cheer and less vermin and smaller rat-
ions than any breed in the world.

Berea, Ohio.

H. C. Sheppard.

"BETTY OF SUNSWICK."

In this issue we present the photo of
"Betty of Sunswick," the first prize S. C.
Buff Orpington hen at the late Madison
Square Garden and Baltimore shows. This
bird is without question one of the finest
Buff Orpingtons in this country today. She
is to be mated with a grand imported cock
and will no doubt produce stock that will
be the sensation of the shows next season.
She is owned by the Sunswick Poultry
Farm, South Plainfield, N. J. Their new
catalogue and mating list is now ready for
mailing and our readers should send for a
copy. When writing mention American
Poultry Journal.

A. F. Almandinger reports winning on
his R. C. Buff Leghorns at Madison Square
Garden, New York, 1st cock, 1st cockerel,
Hamburg, N. Y., same dates, 1st and 2d
cockerels, 1st and 2d pullets.

White Wyandottes

FORCE SALE

Our winnings at St. Louis, Cleveland, Nashville, Indianapolis, time after time, San Antonio, Springfield, and all the leading shows of the country is proof of the claim we make of having

THE WORLD'S BEST WHITE WYANDOTTES

They have won in every state in the union against all comers in the hands of our customers. FROM A UTILITY STANDPOINT, the White Wyandottes are spoken of as the Standard utility fowl. LISTEN, the White Wyandottes will lay more dollars' worth of eggs in a year than any other breed. They may not lay as many eggs, but what's the difference? If you have White Wyandottes you get eggs in the winter, when eggs bring the highest prices. THE WHITE WYANDOTTES ARE THE WINTER LAYERS. Therefore lay more dollars' worth of eggs than any other breed. If you do not think they are the winter layers, ask the Experimental Stations. Look up the records.

BARGAINS

We will close out a grand lot of birds this month at prices that will move them. We have mated our yards as you will see later, and we must have the room. Order direct from this advertisement, and get first choice.

150 cockerels, all around good breeders, good size and shape, in fact, a bird that will please you. Intended to sell at \$10.00 and \$15.00 each. They must go at \$5.00 each.

200 utility cockerels, worth twice the money asked, bred from heavy laying strain, a great bargain at \$3.00 each.

150 laying hens that lay when eggs are worth the most. Sale price \$2.00 each.

50 laying hens. Good breeders, with a laying record unequaled; your gain, our loss, at \$2.50 each. This is one dollar value for fifty cents.

50 pullets intended to sell at \$4.00 and \$5.00, but will clean them out at \$2.50 each. Not many—get your order in early.



BARGAINS

75 cockerels, pure white, birds fit to head any breeding yard, extra good in shape, would trot in the best shows, worth from \$15.00 to \$20.00, but will sell them at \$10.00 each.

50 line bred pullets, extra fine top notchers, Wyandotte type throughout, good color, worth \$10.00 each but forced to sell at \$5.00 each. These pullets would show well.

Pairs, trios, pens or any number you wish can be selected from these prices. Get in early so as not to be disappointed by being told your selection has all been sold. These prices here are not all the bargains by any means. Write your wants.

EGGS EGGS

We have mated our yards, seventeen in all. The grandest matings we ever had. Pen A1—five of the World's Best Pullets mated to the World's Best Cock. These six birds are as good, if not the six best White Wyandottes in the country today. These are birds

THAT MONEY CANNOT BUY

From eggs from these birds the prize winners at the principal shows next season will be hatched. We could not get better stock than we have in this pen if we were to offer

\$5,000.00 EACH FOR FIVE PULLETS

Because we already own the World's Best, and this pen is the

BEST OF THE WORLD'S BEST

We do not care to sell an egg from this pen, as we know what they will produce. But to those who insist upon and must have the best the country affords we will spare a limited number of eggs from this mating at \$5.00 each, or \$75.00 per sitting of fifteen eggs.

Pen A2. Seven hens and a cockerel, of course the best cockerel we raised this year, in fact, the best cockerel we ever owned. The hens are the seven best hens living today. Eggs from this pen at \$50.00 per sitting of fifteen eggs. With the exception of Pens 1 and 7, all eggs at \$5.00 per sitting of fifteen eggs. Pen 1 eggs at \$15.00 and Pen 7 at \$10.00 per sitting of fifteen eggs.

Send us a dime today for our catalog describing Fisheldotte, the Home of the World's Best White Wyandottes—it is worth dollars to you. You can judge from it the quality of stock you will get from the eggs you purchase. Send at once, today, without delay.

J. C. Fishel & Son, Box J, Hope, Ind.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

W. W. KULP.

The man who makes a success in the poultry business deserves a great deal

WHITE WYANDOTTES

Won at Sellersville Poultry Show, Pa., Dec., 1909: 2d cock, 2d, 4th hen, 3d cockerel, 1st, 4th, 5th pullet, 1st pen. Won at East Greenville Poultry Show, Pa., Dec., 1909: 1st pen, 1st, 2d, 3d, 4th, 5th on pullets, 1st, 2d, 3d, 4th, 5th on hens 1st, 2d on cockerels, 1st cock. Silver cup for 4 best birds in show, silver cup for the largest exhibitor of White Wyandottes. W. H. WISLER, Cressman, Pa.

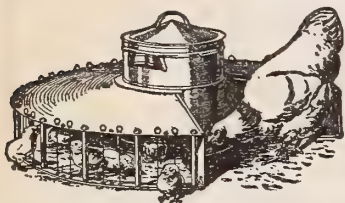
BROWN'S BUFF ROCKS

Have won their share of the prizes at Peoria, Nov., 1908, and Dec., 1909; Monmouth, 1909, and Illinois State Fair, 1909, and have individual records up to 261 eggs. Have 4 pens mated for early delivery. Eggs, \$2, \$3 and \$5 per fifteen; larger order write.

ALBERT A. BROWN - 601 MONTANA STREET - PEORIA, ILLINOIS

Ship Eggs and Day-Old Chicks

without loss or breakage. Use RIPPLEY'S Corrugated Card Board. So strong a man can stand on them, but so light the saving in express more than pays for box. Money returned if they fail to do as recommended. Prices, 1 setting size, \$1.25 doz.; 2 setting size, \$1.90 doz. K. D. Egg Boxes, 50 egg size, \$2.50 doz.; 100 egg size, \$4 doz. 50 size Chick Boxes, \$1.50 doz.; 100 size, \$2.50 doz. Mail order or write for descriptive circular of these boxes, Fireless Brooders, Whitewashers, etc. RIPPLEY MFG. CO., BOX 27, GRAFTON, ILL., U. S. A.

**Three Machines in One**

AUTOMATIC FEEDER WATERER AND CHICK PROTECTOR—A combination to feed, water and protect little chicks. It will feed and water 150 chicks for one week. Can be changed in one minute to feed and water grown poultry. Agents wanted.

Macomb Poultry Supply Co., Macomb, Illinois

EGGS FOR HATCHING FROM FOGG'S S. C. W. LEGHORNS

are the kind that will hatch you WINNERS and HEAVY LAYERS. My matings this season contain the best birds in this country. 1910 mating list ready now. If you want eggs in single setting or thousand lots, it will pay you to send for it. Can furnish you breeding cockerels and pullets in any size lots at right prices. If you are interested in the best in S. C. White Leghorns, send for mating list and catalog now. Get your order in early.

N. V. FOGG : Box R : MT. STERLING, KY.

**BARRED ROCKS**

BRADLEY BROS.' STRAIN

My customers always win. Fifteen years with Barred Rocks. Many prominent judges and breeders are our customers. EGGS—the kind that are selling for \$5.00 and up. \$3.00 per 15; \$5.00 per 30; honest treatment, prompt service. Free circular.

WON AT BOSTON

F. S. Nicholson :- Otisville, New York

Single Comb Brown Leghorns

AGAIN AND AGAIN

Winners In Hottest Competition

At Chicago, December, 1909—1st and 2d cock; 1st and 5th cockerel.

At Boston, 1907-8—3d and 5th cock; 1st, 2d and 5th cockerel; 3d and 6th hen.

At Madison Square Garden, 1905—1st cock; 3d pullet.

At Chicago, 1905—2d cock; 2d and 3d cockerel; 1st pullet; 1st pen; 15 specials.

At Indianapolis—1st cock; 1st cockerel; 1st pullet; 1st pen.

Unsurpassed in Quality. Like Begets Like.

Eggs, \$3 and \$5 per setting

W. H. WIEBKE

Box P-348, Fort Wayne, Indiana



of credit, but he who attains success under adverse circumstances deserves far more. Mr. W. W. Kulp of Pottstown, Pa., an invalid for years, through sheer force and fortitude has attained a standing in the poultry world that a well man would justly be proud of. Broken in health, back in the eighties, suffering from a malady from which he has never recovered, he took up thoroughbred poultry for a livelihood.

What has been his success? Breeding the highest class stock fit to win and which has won time after time at such shows as Madison Square Garden, Boston, Philadelphia and a dozen other shows, treating every customer on the square and establishing egg records far beyond what could be expected, these are few of many virtues that go to make up an almost magical success.

Perhaps Mr. Kulp is best known from his Rose Comb Brown and White Leghorns. He doesn't breed the little ones that are so often seen nowadays. His Rose Combs are as large as any Leghorns ever seen, equal in every respect to the largest Single Combs. Through trap-nest records he has raised many birds that have gone far over the 200 egg mark per year.

He surely has exploded the theory that a man can only make a success of one variety. His flock of winning White Wyandottes are the superior to many specialty breeders. Also his Single Comb White and Brown Leghorns are of the big, rangy type and with color hard to beat. His Barred Rocks and S. C. Rhode Island Reds are not behind the best of them.

Your representative visited Mr. Kulp in October. We called him up by 'phone. He insisted on sending his carriage. This we would not allow him to do on such a beautiful fall day. We started for his place, a mile and a little more distant. This delightful walk through the old Pennsylvania hills was only surpassed by the hearty welcome given us at the Kulp homestead. Would there were more Kulpes in the poultry business. The readers of the American Poultry Journal should send to Mr. Kulp for his handsome catalogue.

ORPINGTONS AT BALTIMORE.

R. J. Knisley, York, Pa., breeder of S. C. Buff, Black and White Orpingtons, York, Pa., made an exhibit of his Orpingtons at the late Baltimore show and won as follows: On Single Comb Buffs—4th and 5th cock; 3d and 4th hen; 1st and 3d cockerel; 2d, 4th and 5th pullet. On Single Comb Blacks—3d cockerel. This we consider a remarkably good winning in this class. Write him for further information and prices. Mention American Poultry Journal.

A FRAUD.

A man giving the name of H. K. Bond has been representing himself as authorized agent of the American Poultry Journal at various shows. The public and show secretaries are hereby warned that this man is a fraud and will be prosecuted if caught. Anybody knowing his present address will oblige us as well as assist justice by telegraphing us at once. He is about 23 years old, 5½ feet high, light hair and blue eyes.

"We lead, others follow," is our slogan.



ROSE COMB WHITE MINORCAS.

The above are photos of the first prize cockerel and first prize pullet at the late Chicago show. These birds were easy winners in their class. Mr. Hurlbert also won several other prizes at the show.



GOLDEN WYANDOTTES.

The above pair of Golden Wyandottes were the sensation of the late Chicago show in the Golden Wyandotte class, and were pronounced the finest birds of this variety ever exhibited at this show.

CHICK CHATS

by H. P. Schwab

This department is open to all readers and advertisers in the eastern territory and all are invited to send in all poultry news items that come to their attention. Address H. P. Schwab, eastern representative, Irondequoit, N. Y.

Did you miss our little talk last month?

* * *

Rheumatism is not only capable but actually mean enough to upset the best laid plans at times.

* * *

Sorry, too, for we had so much to tell our friends.

* * *

The Great Shows are now upon us, and we hope the relief granted is permanent.

The Williamsport (Pa.) show proved all its best friends claimed for it; with something over 1,600 entries, and several of the best breeders from many states as exhibitors, made a show of rare quality.

* * *

And those boys know how to manage shows. They are fanciers in every sense, and their only care was to have everything right and proper. We predict their next show will break all records. Report of classes later.

The "Ontario," held at Guelph, Ont., Dec. 7-11, was also a record-breaker, with something over 4,700 entries. More American breeders should go after this. There are grand opportunities over there for business. The Canadians are good buyers if shown the goods, and we confidently expect to see more of them exhibiting there. Report of the show and classes later.

The great Rochester (N. Y.) show has also been held, with close to 1,600 entries; classes all well filled and a good quality. To say the least, this was a neat show, handsomely arranged and grandly handled. We found all the exhibitors very enthusiastic over the generous treatment accorded to all, and from promises made look for the next to surpass anything Rochester has ever had. President F. C. Lauer and Vice-President Dr. C. J. Andrus were in evidence at all times to entertain visitors, while Secretary Drechsler and Superintendent Tallinger, with Directors Rulifson and Guenther, looked with greatest care after the exhibitors and the wants of the birds. It was one of the cleanest and best arranged shows we have ever attended.

* * *

The Partridge Wyandotte class was the feature class of the show. Judge Quilbot had his hands full here with the fifty or more birds of high quality shown. He handled himself grandly and received the plaudits of all. Harry M. Gates made a grand record, winning four first prizes. Chas. B. McEwan also came in strong with one first and several other places.

* * *

The Buff Plymouth Rocks, ever popu-

"Quality" White Wyandottes

Choice stay white birds of approved shape, good weight and blood lines. Great Winter layers. Some extra fine show birds in cockerels and pullets and a large number of general purpose fowls. Invigorate with these vigorous farm bred birds, while opportunity offers. Eggs, \$5 per 15; \$12.50 per 50; \$20 per 100.

Pangalow Farm, R. F. D. 12 Indianapolis, Indiana

ELLENWOOD POULTRY FARM

ROSE COMB AND SINGLE COMB "CHAMPION" RHODE ISLAND REDS

ARE STILL IN THE LEAD, this season our winnings proved that our quality excelled, having won more firsts regular and special prizes than all our competitors combined, at four of the leading Red shows of the year where we met and defeated the best of the past season's production in the hands of the leading breeders of the continent. At the Great Mid-West Show held in Chicago where the club meeting was held this year, we won three of a possible shape specials, thus proving our quality superior, and then to finish the season at the RECENT BALTIMORE SHOW where in competition with nearly 250 REDS we won nine out of a possible ten firsts, three Silver Cups, and 15 other REGULAR and SPECIAL PRIZES. Our matings this season surpass any of our former, so if you want the best in the world do not fail to get your EGG ORDER to us in time for early delivery, you will profit by doing so, as our prices will be one-half our Catalogue price during February, just the time for you to get out your pullets and cockerels for the FALL SHOWS. This will enable you to rank with the LEADERS this coming season. Catalogue and Mating List mailed upon request. A GRAND LOT OF COCKERELS STILL FOR SALE AT REASONABLE PRICES.

Chas. W. Lord, Manager, Hatboro, Pennsylvania

TOO LATE TO CLASSIFY

POULTRY RAISERS, MEAT AND BONE Cutting Crusher, for only 35c. Address, Theodore Lyman Brooks, Office 3, Port Byron, N. Y. 12-3

WHITE PLYMOUTH ROCKS, exclusively. Fishel strain, stock and eggs for sale. Write for prices. Leslie Pierce, 260 E. Main St., Norwalk, O. 2-3

EGGS FROM PRIZE-WINNING White Orpingtons, \$2 and \$2.50 per setting. Walter S. Thompson, Rockville, Md. 2-1

ROSE COMB REDS that stay red. Eggs from blue ribbon winners, \$2 and \$3 per 15, guaranteed fertile. C. E. Bailey, Big Rapids, Mich. 2-3

REDS, SINGLE AND ROSE. Order your day-old chicks now, \$10 to \$25 per 100. Eggs for hatching, \$1.50, \$2, \$3, \$5. Blenheim Poultry Farm, Doylestown, Pa. 2-3

THOROUGH POULTRYMEN with small capital. Half interest in established business given. Good home. Box No. 412, Ligonier, Ind. 2-1

SINGLE COMB BROWN LEGHORNS. Thoroughbred stock; heavy layers. Eggs, \$1 per 15; \$6 100. Guaranteed. Write Frank Fellwack, Monett, Mo. 2-1

ROSE COMB WHITE MINORCA Winners at state show, St. Louis, December, 1909. Eggs, \$2 per 15. Frank Fellwack, Monett, Mo. 2-1

WHITE ORPINGTON (Kellerstrass), Black Orpington (Brown) eggs, \$2 setting (13); 3 for \$5. Black Minorcas and Runner Ducks (Berry and Sawyer) eggs, 10c each. J. A. Dickson, Ashtabula, O. 2-3

BUFF ORPINGTON DUCKS. Mammoth Buff Geese. Eggs only. J. H. Leatherman, Wadsworth, O. 2-3

ROSE COMB RHODE ISLAND REDS. Eggs from choice matings, including many prize-winners and high scoring birds, \$1.50 per 15; \$6 per 100. Satisfaction guaranteed. J. H. Verploegh, Pella, Iowa. 2-3

POULTRYMEN—WE SAVE YOU 25 to 50 per cent on your printing—"The Quality Kind." Let us submit estimates. Banner Pub. Co., Bristol, Ind. 2-3

SINGLE COMB BLACK MINORCAS, exclusively. Large-framed and extra weight cockerels; also eggs for hatching, from winners at Madison Square Garden, State cup at Cincinnati, and President's cup at Cleveland. Al Renner, Coshocton, O. 2-3

ROSE COMB WHITE MINORCAS—Buff Wyandotte. Winners at great Hagerstown fair. Eggs for sale. E. H. Keefe, Chambersburg, Pa. 2-3

ANCONAS, EXCLUSIVELY. The kind that lay and win in the showroom. Stock and eggs for sale. My birds win wherever shown. W. H. Branthover, Susquehanna St., Wilkesburg, Pa. 2-3

EGGS FROM PRIZE WINNERS, by the setting, and hundred. Black Langshans. White and Silver Wyandottes. Single Comb Brown Leghorns. Buff and White Cochins Bantams. Muscovies. Gus. Norton, Union City, Mich. 2-3

CRYSTAL WHITE ORPINGTONS—Kellerstrass birds. The kind that win in fastest company. Eggs for hatching, a specialty. Write for mating list. J. P. Heck, Box 534 J., Pittsfield, Ill. 2-1

EGGS AND STOCK from prize-winning White Crested Black Polish for sale. Renner-Ushler, St. Joseph, Mo. 2-1

SNOW WHITE ROCKS. Roosters, \$2, up; hens, \$1, up; eggs, \$1.50 for 15, or \$8 per 100. Geo. W. Cook, Spring Hill, Kan. 2-3

PARTRIDGE WYANDOTTES Cockerels, \$2; pullets, \$1; eggs, \$3. J. A. Bridges, Evansville, Ind. 2-3

S. C. BROWN LEGHORN Cockerels and pullets bred from high scoring birds, \$2 and \$4. Some fine breeders, \$1 and \$2. Eggs, 15, \$1; 100, \$5. M. Franke, Jeffersonville, Ind. 2-2

GOLDENS, SILVER, L. AMERHERST, Reeves, Chinese, young, tame, hand-raised birds at lowest prices. Eggs in season, worth three times more than wild imported ones. C. J. Schilling, 3331 Chas., East Fruitvale, Alameda county, California. 1-3

FOR SALE—Green Muscovy ducks, \$5 a trio. Apply, Mrs. Allen, West Hinsdale, Ill. 2-1

S. C. BLACK MINORCAS, exclusively (North-up Strain), \$2 per setting. O. E. Lucas, 1737 W. Leigh, Richmond, Va. 2-3

PARTRIDGE WYANDOTTES. My sale of birds bred from Western Poultry Fanciers' Association, Cedar Rapids, Iowa. Remaining birds at special prices. Mrs. Ada Smith, Elsberry, Mo. 2-3

lar, are to the front this year with renewed interest. The best Buffs we have ever seen have been shown last and this year, and the future promises more for them.

* * *

From the East came reports of the Buff Rocks bred this year by Mr. M. J. Corry, Springfield, Mass. We saw this line at the last Boston show, and commended their type and color.

* * *

Another strain of Buff Rocks we met at Boston was that of Mr. Fred W. Cobb, Newton Upper Falls, Mass. We hope, when East this spring, to visit both these places and write them up for the A. P. J. Both these are "Our" "Folks," and intending buyers will do well to write them their wants.

* * *

Artist Stahmer certainly gave us a fine piece of work on the December cover. We look for more of this kind of work to follow. Samples of his catalogue, letter-head, envelope, etc., work can be seen for the asking. Keep up to date.

* * *

Henry D. Riley made a record on Barred Rocks at Williamsport, Pa., winning four first prizes in a class filled with quality. This line is of New York and Boston caliber, and we hope to meet them again.

* * *

S. M. Goucher followed close with first prize pen and three seconds. Their second cockerel was a wonder, finely barred and beautiful type. Too bad the judge found three black feathers. Second pullet was also a beauty in shade of color.

* * *

The Canadian breeders are missing a good thing by not better advertising their stock in the States. Those who have done so have succeeded. Taking John S. Martin, with his Regal White Wyandottes, for example, his business amounts to several thousand dollars a year, and he informed us that seven-eighths of this came from the States. Others can do the same if they will but broaden out and make a try for it.

* * *

We note that the Wells-Fargo Express Company has lately declared a dividend of 58 per cent for its stockholders—another good reason why we should have the parcels post.

* * *

Prof. W. R. Graham, of the Guelph (Ont.) Experimental College, has shown his hand. While he preaches utility to the natives and has clearly demonstrated many valuable facts along those lines that are of great value to the people of Canada, we still claim his best

WHITE ORPINGTONS (Kellerstrass strain). Settings, \$3. Young stock for sale. Trueman's Poultry Yards, Laurel Springs, N. J. 2-3

FOR SALE—Pure bred prize-winning stock Golden Wyandottes; pullets, \$1.50 each. One only beautiful cockerel, ready for breeding pen, \$4. Eggs from best pen, per setting, \$2. Write at once. F. W. Hammond, 218 Pine St. South, Lansing, Mich. 2-3

ORPINGTONS. S. C. BUFFS. Six years breeding Utility and Fancy combined. Trap-nest methods. Winners Wheeling, Huntington, W. Va.; McKeesport, Pa., etc. Eggs, \$2.00 up. Mating list. H. H. Marsh, Wheeling, W. Va. 2-3

WHITE LANGSHANS—The great winter layers. Eggs, setting, \$1.50. F. C. Meyer, Lexington, Ill. 2-3

EGGS, 15, \$1; 40, \$2; 100, \$5. Heavy laying strain of Single Comb Rhode Island Reds and Barred Plymouth Rocks. W. H. Anger, Madison, Ind. 2-4

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

1910 Boston Winner FOR SALE

S. C. Brown Leghorn cockerel, 2d prize and special for best shaped male. Even shade of bright red. Together with five Partridge pullets and three hens, including his dam. This is a breeding pen that should produce winners for any show. Free range raised and line bred since 1876. Price \$75. Another cockerel, full brother to above, \$10.

Rough Coated Collies

Puppies and older stock bred from the best of show dogs on both sides. Puppies \$15 up. Satisfaction guaranteed or your money back.

WALDO KENNARD

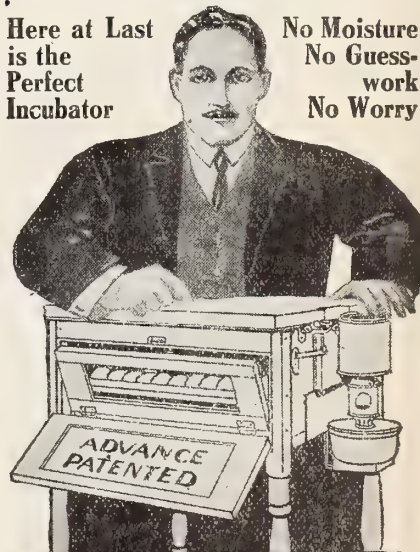
Drannek Kennels, So. Hingham, Massachusetts

WORLD'S GIANT TOMATO

This King of all Tomatoes is largest and most productive ever offered. Engraving was made from photo of plant grown by J. B. Gilbert. It grew 18 feet high and produced 5 bushels of fruit, very large, smooth, few seeds, solid all through, red in color, ripening very early and continuing all summer. We want every person who uses seeds to see our Seed Book and test our seeds and we will give sample packet this Giant Tomato, also 3 other great novelties free for trial: 1 pkt. 16 Day Radish. Earliest Round Red Radish in the world. 1 pkt. Gigantic Cabbage. Largest heading kind known, from Europe. 1 pkt. Wonderful Lettuce. Earliest, largest, tender and crisp any time. Heads often 3 ft. around. For only 6c. postage and packing we will mail these 4 sample pkts. and big 1910 Seed Book full of novelties, Seed Offers and a coupon, good for a 10c. selection from our Seed Book. Fairview Seed Farms, Box 122, Syracuse, N. Y.

Here at Last
is the
Perfect
Incubator

No Moisture
No Guess-
work
No Worry



100 EGG INCUBATOR, \$7
100 CHICK OUT-DOOR BROODER, \$5
BOTH, FREIGHT PAID, \$10

The Advance—Took 20 years to perfect. Thousands now making money with \$10 outfit, raising for market—breeding—selling. Copper tanks, double walls, self-regulating lamp and thermometer complete.

Two Hatches Free
5-Yr. Guarantee

Its equal for the money does not exist. Order direct, or full description FREE for postal.

Advance Mfg. Co., Box B, Dayton, Ohio

BARRED PLYMOUTH ROCKS

At the late Marion, Ohio, show in a hot class I won first, third and fourth cockerels; first cock; second pen; fourth pullet and fourth hen. Choice cockerels of both matings for sale. Write for prices and mention A. P. J.

H. BURKHOLDER - - - - - CLYDE, OHIO

Barred Plymouth Rocks and S. C. White Leghorns

No better stock to be obtained than are in my yards this season and their record at the leading shows proves this assertion. I guarantee satisfaction. Write me for prices and particulars.

Elden E. Cooley : Frenchtown, New Jersey

Barred Plymouth Rocks

First cockerel, fourth yard display, Springfield, Ill.; first cockerel, 2d and fourth cock, first and fourth yard display, Canton, Ill.; first cockerel and third cock, Galesburg, Illinois. Cockerel mating exclusively. Eggs and stock. Write for price list.

W. H. Shaw : : Canton, Illinois

Let Chas. A. Cyphers

Save You 50%

On An Incubator

I Can Do It, Just As I Promised I Would



MY new incubator—The Buffalo—fulfills the lifelong demand of thousands of poultrymen. It offers all the quality of the best high-priced incubators at **Just Half the Price**. In spite of the urgent requests from my many poultry friends for a cheaper incubator, I always said I'd never make a low-priced incubator unless I could make one as good as the high-priced kind my name has always been associated with. **I Have Made Good**. My principle is sustained and the demand of my friends gratified. I am proud of my new creation. The Buffalo is simply a wonder. There is nothing cheap about it but the price. I offer you an article that is second to none in durability, reliability, or quality. You can't get a better incubator than The Buffalo, no matter how much you pay. I guarantee to actually save you one-half.

Chas. A. Cyphers' Buffalo is Best of All

for I have retained and developed the same correct principles of internal construction in my former designs. My new creation has all the good features of the incubators I have made in the past, without the high price. The materials are the best money can buy. Where I make the big saving is in the method of manufacture. I simply cut loose from the old stereotyped ideas and worked out a new system of machinery, tried out different materials that cost less, but are just as good as others use, and are far more practical. This enables me to save you just half.

THE BUFFALO IS A MARVEL...

Weatherproof, fireproof, easy to care for, economical to operate, sure to give a high percentage hatch, and guaranteed to do all or more than any other incubator on earth will do, no matter what the price. If there ever was a perfect incubator, it is The Buffalo.

COMPARE THESE PRICES WITH WHAT YOU FORMERLY PAID FOR MY INCUBATORS AND BROODERS. The prices are a third or half less, while the quality is just as good. Without fear of contradiction, I can say the **QUALITY IS BETTER**.

50 Egg size Buffalo Incubator.....\$ 8
100 Egg size Buffalo Incubator..... 11
200 Egg size Buffalo Incubator..... 15

I Can Save You One-Third on Brooders, Too

The New Buffalo Brooders are the best I ever turned out. Strong, durable, temperature automatically regulated. Every poultryman who has seen them says they're the best on the market, and the price is fully one-third lower than my former designs sell for. Don't buy a brooder or an incubator or any kind of poultry equipment before you get my prices.

WRITE FOR MY CIRCULAR

I can't go into details of construction here, so write for my circular which tells all about Buffalo Incubators and Brooders. Every owner of an incubator, and every one of my million poultry friends should have a copy at once. Write today, and I will enclose with it Bulletin No. 2, which tells of a wonderful new poultry discovery.

300 Egg size Buffalo Incubator.....\$20
Buffalo Colony Brooders..... 10
Buffalo Indoor Brooders..... 7

CHAS. A. CYPHERS

President, Buffalo Incubator Co.

4700 Ellicott Square, Buffalo, N. Y.

work has been along fancy lines, and in particular with Barred Plymouth Rocks. We have seen his flock grow and improve for three years now, with prospects for the future of the best.

* * *

This also reminds us—"Jerry" has gone and done it. Yes, got married; and the Professor says that he is getting very forgetful nowadays.

* * *

The demand for exhibition and choice breeding birds is over double the supply. Each year finds us short, but at no time as short as now. New plants will shortly be built and nearly all the established breeders we have met so far have told us of the necessity to enlarge their plants. It's in the air. The general boom is on at all seasons in the poultry line. No fear of over-production. Fresh eggs now selling here at 50 cents per dozen.

* * *

Read our articles on the "Possibilities of the Poultry Industry." There is food for all in them. Prices for the right kind of stock will always hold good.

* * *

Captain Theo. Hewes has made good. From what we can learn, he has given Chicago and the West the best show they have ever had. Engagements prevented our attending, but we believe that every credit is due Mr. Hewes. May he keep his hold and carry to future success his policies so well begun.

AT PHILADELPHIA.


Mrs. J. W. Holton, Catasauqua, Pa., breeder of White Orpingtons, wins at Philadelphia show two firsts, one third and one special, four prizes on four birds in a hot class of White Orpingtons. Mrs. Holton is also a Scotch Collie fancier and owns Mountaineer Miranda, purchased at a long price from Mountaineer kennels, Glencoe, Ill. She has a fine litter of puppies out of her by Parbold Peacock, a noted sire, which she expects to develop into some fine dogs. Her ad appears regularly in the American Poultry Journal.

We lead, others follow.



FOR POULTRYMEN

When in need of Letter-Heads, Envelopes, Note-Heads, Shipping Tags, Business Cards, Post Cards, Circulars, Folders, Etc. Get our samples and prices before you place your order. **FREE CUTS USED**. We pay the Express charges. Samples cheerfully sent **FREE**. (Mention your breed.)
W. A. BODE PRINTING CO. BOX 176, FAIR-HAVEN, PA.



SILVER LACED WYANDOTTES
TRUE WYANDOTTE SHAPE
STANDARD SIZE & WEIGHT
FINE LACING IN ALL SECTIONS
ESPECIALLY STRONG IN LACED WING BAR
HENRY STEINMESCH
Eggs, \$3.00 for 15. **ST. LOUIS, Mo.**

Carver & Avey's Part. and Silver Penciled Wyandottes Are Always Winners

At the Missouri State Poultry Show, held at St. Louis, Dec. 6 to 11, 1909, in the largest class of all the Wyandottes, we won on Partridge, 1st cockerel, 5th cock, 1st, 2d pullet, 2d, 4th hen, 1st pen. Four Partridge Wyandotte Club specials and grand sweepstake silver cup for best pair in the show. On Silver Penciled Wyandottes in a large class with competition from three states, won 1st, 2d, 3d cock, 1st, 2d cockerel, 1st, 2d, 5th hen, 4th, 5th pullet, National Silver Penciled Wyandotte Club special for best colored male, best colored female, best shaped male, best shaped female. At Ohio State Poultry Show, Jan. 10 to 15, 1910, with four entries of Silver Penciled Wyandottes, we won 1st cock, 1st cockerel, 1st pullet, 1st hen. 300 EXHIBITION cocks, cockerels, hens and pullets, fine enough for any show or any competition. We are the LARGEST SPECIALTY BREEDERS OF PARTRIDGE and SILVER PENCILED WYANDOTTES in AMERICA.

CARVER & AVEY

BOX A

COLUMBIA CITY, INDIANA



Clemans' Columbian Plymouth Rocks



Won every first on single birds and pen and silver cup for display at the Great Chicago show, Dec., 1909. Following great males head 1910 pens: Pen 1, cock first Chicago. Pen 2, cock first Madison Square and Buffalo and heading first pen Chicago. Pen 3, cockerel first Chicago. Pen 4, cockerel 2d Chicago. Pen 5, cock 2d Chicago. All above males are the big boned real Rock type and great color. All the Chicago winning females and others as good in these pens. Eggs from above, \$5 per 15, \$15 per 50. From other good pens, \$3 per 15, \$5 per 30.

BLACK WYANDOTTES. My original prize strain, acknowledged by authorities the original Black Wyandottes. Eggs from great pens, \$4 per 15, \$7 per 30. Birds for sale. Circulars.

F. M. CLEMANS

MECHANICSBURG, OHIO

AUGUSTUS DAVID ARNOLD

The Columbian Wyandotte specialist, will give a number of settings of eggs free (see conditions below). Two years in succession at Madison Square Garden we won the championship cup for best collection. This season again at ten of the leading shows of the U. S. and Canada our customers won the leading prizes. At the Seattle-Yukon and Jamestown Expositions the leading prizes went to the Arnold strain of Columbian Wyandottes. We have sold eggs at \$30 per 15 and they gave the best of satisfaction. Our matings this season are far ahead of these, and results will be much better. But eggs will be \$5 per 15, \$9 per 30, \$12 per 50, \$20 per 100. We shall give free one setting of eggs to each of the three first persons from each state and Canada who order one or more settings of eggs with cash on the order after Feb. 1, and mention the American Poultry Journal. Eggs to be shipped when wanted. We have a fine lot of yearling and young stock for sale at right prices.

Aug. D. Arnold, Box 777, Dillsburg, Penna.

Registered, Banded, Ear
Tagged or Toe Punched,
Certified stock.

ELM POULTRY YARDS & STOCK FARMS

Hartford, Conn.

Established 1888.
Incorporated 1909.
\$10,000.00

Over 20 years spent with poultry, combining beauty and utility, winning sweepstakes, championships, medals, diplomas, cups, etc., etc. If you want strong, rugged, vigorous farm grown stock in pink of health and condition, send us your orders. We have pleased thousands and can please you. Over 5,000 birds on our farms. Cocks, cockerels, pairs, trios or pens (mated for best results) at reasonable prices. Eggs for hatching by the setting or thousand. Varieties: Barred White and Buff Rocks, White, Buff and Columbian Wyandottes, White, Buff, Brown and Black Leghorns, Buff, Black and White Orpingtons, S. C. and R. C. R. I. Reds, Brahmas, Langshans, Cochins, Houdans, Games, Ducks, Geese, Turkeys, Guineaes, Pheasants, etc., etc.; also Pigeons, Dogs, Goats, Sheep, Swine, etc., etc. Equipment for poultry plants, kennels, loft and farms. Combination prices at a big saving. Write today for our free bulletin, published quarterly.

STRUBLE'S S. C. BUFF ORPINGTONS

Won First Pen at Madison Square Garden, New York, Show, 1908 and 1909, with 15 pens competing, and we won on old birds, our competitors showing young birds. This pen was the sensation of the show and we refused \$500.00 for this pen offered by a prominent breeder, but we still have them in our yards and can sell you cockerels and pullets bred from this pen and others their equal that are properly mated for best results in and will produce winners for the best of shows.

We have helped others to win the blue at our largest shows and can help you and for the first time in five years we have decided to sell a few eggs at \$1.00 each, and as we will only spare 200 of these eggs this season, first come first served. We expect to hatch our Madison Square Garden winners from these eggs and you have an equal chance with us.

Why not place your order with the man that breeds the winners for some of the best shows in this country and the only breeder that has confidence enough in his stock to ship them C. O. D., which is the only fair way to buy high-class show birds of anyone? Nuff said.

Z. D. STRUBLE

ORPINGTON SPECIALIST AND LICENSED CLUB JUDGE

LOCK BOX 16, BASCOM, OHIO



Spaugh's Result II. 1st cockerel Springfield and Indiana State Fairs, 1909.

WIN EVERY FIRST

SPAUGH'S BARRED ROCKS again show their superiority by winning at the late Columbus, Ind., show 1st and 3d cocks; 1st, 2d and 3d hens; 1st and 3d cockerels; 1st, 2d and 3d pullets; 1st and 2d pen and silver cup for best B. P. Rock. This winning, together with their other grand record this season, demonstrates that I have

Rocks That Fit the Standard

Have 200 more of those ringy, snappy, bright, narrow-barred birds for sale. These are the kind that produce winners and improve flocks. Write me your wants. I have plenty of stock and can and will please you.

EGGS.—My pens are mated for best possible results and will produce the prize-winners for next season. Will furnish eggs at \$5 per 15.

My New Catalogue Now Ready

and will be sent to any address for one dime. One of the best and handsomest catalogues put out this season. Full of valuable information. Send for one today.

C. E. Spaugh

Box T

Rugby, Indiana

GOOD TO KNOW

by C.W. Zimmer

This department is open to all readers and advertisers in the central territory and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, central representative, Ft. Wayne, Ind.

Mr. Wm. Barry Owen, of Owen Farms, visited the Boston show and wore a pleased smile. Who wouldn't,

Noftzger, North Manchester, Ind., breeds them. He issues a fine catalogue, giving many valuable pointers.

were there and again covered themselves with laurels by winning the blues.

Have you sent for C. E. Spaugh's Barred Rock catalogue yet? If not, you better do so. The address is Rugby, Ind. He reports having made another big winning at Columbus, Ind., last week.

Mr. and Mrs. W. R. Graves, of "Rockandotte Farm," were both seen at the Boston show, where their White



The above pen of Buff Plymouth Rocks was pronounced by competent judges to be the best pen of Buffs exhibited at the Garden in recent years, being of one even shade of buff throughout.

when they won a cartload of ribbons, silver cups, etc.?

Send ten cents in stamps to pay postage.

One of our most beautiful breeds today is the Partridge Rock. S. A.

Mr. J. H. Hallock, of "Pine Top," came up to the Boston show. His birds

Rocks again distinguished themselves by winning first and third cockerel, and the Challenge silver cup for champion cockerel also went to "Rockandotte Farm."

MINORCAS

S. and R. C. Black



LEGHORNS

Rose Comb Brown

We have won over 200 prizes (50 specials, 3 cups) this fall, at the Missouri and Illinois state shows; Indiana, West Michigan and Illinois State Fairs, and also the county fairs at Girard and Litchfield, Ill. 200 cockerels for sale at \$3, \$5 and \$10 each. Hens and pullets, \$2.50, \$3, \$5 and \$10 each. These birds are fit to win in almost any competition. Eggs and chicks from the grandest bunch of prize winners in the west. (30 breeding pens, 30.) Send for free 30-page illustrated catalogue. Member of Minorca and Leghorn Club, and also life member A. P. A.

Edgemont Poultry Farm

W. O. Chase

Box B

Hillsboro, Illinois

PITTSFIELD BARRED PLYMOUTH ROCKS

still further clinch their claim to be the Leading Exhibition-Utility Strain of this country by winning at Boston, 1910, 1st cock, 2nd hen, 5th cockerel, 3rd pen fowl, and 1st exhibition pen chicks; also special for best cock and four hens and five other specials including A. P. R. specials for best cock and best pen.

Our strain has won its way to the front strictly on its merits. THE NAME PITTSFIELD STANDS FOR QUALITY.

Our stock is strictly up-to-date and is rich in strong, vigorous breeding qualities, especially suitable for foundation stock and new blood. The results our customers have had with our stock warrant your confidence in placing your orders with us. Your satisfaction is the key to our success.

Do not confuse our strain with other leading strains. We breed practical, profitable bred-to-lay Utility Stock, as well as show stock, and make a specialty of supplying utility breeders with new blood. Our utility stock is bred for color and barring as well as for eggs, and in this respect excels all other strains in this country.

Our facilities for handling orders for Hatching Eggs and Day Old Chicks are unequaled by any other Barred Rock plant in the world and enable us to ship all eggs, carefully packed in excelsior, so they are sure to reach you in a strictly fresh and hatchable condition. We expect to make good any unreasonably poor hatches. Our wide experience in handling the day-old chick business and our facilities for hatching insure you a delivery of healthy, vigorous chicks, and our record long distance shipment of 2,600 miles testifies to the vitality of the stock. The successful shipping of chicks is a matter of experience, and we offer you our experience and the best quality of chicks at a reasonable cost. Every bird in our breeding pens this season is a carefully selected breeding bird which is a guarantee to you of good results.

OUR EXHIBITION MATINGS this season will include all of our Boston winners and eggs will be sold from the same at the same price as previous seasons, although our winnings this year warrant higher prices. As the matings are small, the number of eggs available will be limited and it will be necessary for orders to be booked ahead. We shall issue, about February 1, a detailed list of special matings which will be mailed on request.

PRICES OF EGGS—Utility, \$1.50 per 13; \$4.50 per 50; \$7.00 per 100; Exhibition, \$4 per 13; \$12 per 50; \$24.00 per 100

PRICES OF CHICKS—30 cents each; \$6.00 per 25; \$10.00 per 50; \$15.00 per 100

BREEDING BIRDS SHIPPED ON APPROVAL

We have for sale a few choice cockerel bred males, including some of our winning cockerels and cocks, excellent breeders, an exceptionally nice lot of pullet bred males, and a limited number of cockerel bred and exhibition females, all at prices low for the quality. We have a very choice lot of utility cockerels this year, price \$5 each. They are worth the money and the only kind profitable to buy. We guarantee them satisfactory. We appreciate our customers' orders and endeavor to handle them in a live, up-to-date business manner. Remember, all of our time, effort and intelligence is devoted to this one breed, both utility and exhibition. This means something to you. Write for free illustrated catalog. Address

To insure inquiries prompt attention, use street address

Pittsfield Poultry Farm Co. : 102 Main St., Pittsfield, Maine

Duston's White Wyandottes

lead the world! Do you know that my stock has been at the top since 1896? It's good to place a few of these things in your mind. At Boston, the home of the best White Wyandottes in the land, I won as a new man in 1896, 1st Ckl., and 3rd Pullet. In 1897 I won 1st and 6th Hens, 4th and 6th Pullets. 1898 I won 1st Cock, 6th Hen, 4th Cockerel, 1st, 3rd, 4th and 6th Pullets, 1st and 3rd Pens. 1899 I won 1st and 2nd Cocks. 4 C's on Hens 1st and two C's on Cockerels 2nd and two C's on Pullets and three C's on pens, a pen of my strain winning 1st. 1st Cock and 2nd Pullet each winning 1st at New York that same year. It was my work, writing and advertising that placed the White Wyandottes where they are in the world today, as Theo. Hewes and others have said, "Duston, you have done more than any other man for the White Wyandottes." Now, one tires of Ancient History, although these birds were the foundation of hundreds of flocks throughout the country from which the flocks of today are largely made up. I have been winning almost continuously at Boston and New York since '96. The three continuous showings as follows have never been equaled by any breeder: At New York against all the best birds that could be bought on either side of the line, January, '07, 2nd Cock, 1st Hen, 2nd Cockerel, 3rd Pen, N. W. W. Club Best Hen \$25.00 Special and many others. *First Display.* December, '07, 1st Cock, 4th Hen, 5th Pen, N. W. W. Club Special best Cock and others. *Second Display.* '08, 5th Cock, 2nd Hen, 4th and 5th Cockerel, 1st and 3rd Pullets, 2nd Pen. Special Shape Male, Special Color Male. Seven other Specials. *First Display.* A record never equaled by any other breeder.

I have some elegant birds for showing and breeding. I guarantee to please you. My matings will surpass any I ever had and my customers should raise winners from my eggs as well as myself. Send 10c for illustrated catalog to the breeder who can honestly subscribe himself as the breeder who has made possible these greatest and best flocks.

Arthur G. Duston, Box 1020, South Framingham, Mass.



Mr. Briggs, of the Pittsfield Poultry Farm Co., Pittsfield, Me., showed a string of Barred Rocks at Boston that would satisfy the most exacting Barred Rock crank that they have the quality he has been looking for.

Better send in that ad for March. The prospects never were better for a big egg trade. If you have anything to sell let the people know it by advertising in the American Poultry Journal.

Do you advertise in American Poultry Journal? If not, why not? "We lead, others follow."

Tannenbaum Farms, Willoughby, Ohio, purchased the second cockerel and second pen of Columbian Wyandottes at the late New York show. These, added to their already long list of prize winners, puts them in grand shape to supply the best to be had in this variety.

Have you seen the "Hoover Quality" Barred Plymouth Rock? They are the kind that win and produce winners. Better write W. H. Hoover, Palo, Ill., for full particulars, and mention American Poultry Journal.

H. Burkholder, Clyde, O., the Barred

Rock specialist, reports winning 1st and 2d cockerel, 2d hen, 4th cock and 2d pen at the late Columbus, Ohio, show. He has plenty of good stock for sale.

J. P. Keating, Wistboro, Mass., breeder of Columbian Wyandottes, has birds with a record behind them. Look up his large ad in this issue.

The Rockandotte Farm, Southboro, Mass., W. R. Graves, prop., is making a grand record at the large shows this season. But this is to be expected, for they have the quality.

AT BOSTON.

J. W. Andrews of Dighton, Mass.—White Wyandottes at Boston show, 1910, when the White Wyandotte class was unquestionably the strongest in quality ever shown in America, most especially the cockerel class. Won 1st, 2d and 6th cockerel; 1st pen (young), 5th hen, and specials for best shaped male and best pen. His first cockerel, as one breeder said, was a bird in a thousand, and no such finished back and tail was ever shown, and he was certainly a bird of curves. This is Mr. Andrews' thirteenth year showing at

Boston, and he has never failed in all that time to win. He has won 1st pen now the last four years he has shown and has had the coveted prize of first cockerel in 1907 and 1910 and owned the 1908 first cockerel. He also bred the first cock at the 1910 show.

I do not think this record on White Wyandottes was ever equaled by any breeder in America.

The string of six cockerels shown at Boston this year was certainly a revelation to the breeders, and three of them landed winners and the other three were birds that could win in any ordinary class, not being but slightly outclassed by the winners.

At the Chicago show just passed Mr. Andrews sent four birds unattended, and after their long journey won a prize on every bird and color special. His mating list is free to all, and any one interested in White Wyandottes should send for it.

CHICAGO WINNERS.

At the late Chicago show Dillon & Bell, 4108 Colerain Ave., Cincinnati, Ohio, exhibited Golden and Columbian Wyandottes and won, on Golden, 1st cockerel; 3d and 4th cocks; 3d and 5th hens; 2d pen; \$5 special for four best cocks; \$5 special for four best hens, and several other specials. Columbian Wyandottes, 2d hen and sweepstakes special. This firm has been breeding Golden and Columbian Wyandottes, R. and S. C. Rhode Island Reds and S. C. Buff Orpingtons for a number of years, and never fails to win a good share of the blue ribbons wherever it exhibits, and this season has been no exception. They have an exceptionally fine lot of birds in their breeding pens this season, which are mated to produce winners. Any one who favors them with an order is assured of fair and honest treatment. Write for mating list and mention American Poultry Journal.



A 50 EGG BUCKEYE INCUBATOR



with lamp and complete outfit ready for hatching—guaranteed to hatch every hatchable egg. Our 50-Egg Buckeye is a simple, self-regulating, latest-improved machine. Hatching quality backed by a 40-day free trial or money back without dispute. 10,000 sold last season, on this guaranty, and not one returned. Larger sizes on same guaranty and at correspondingly low prices.

"Anybody can hatch Chickens with a Buckeye"

Twenty years on the market. 100,000 in successful operation. Every reader of this paper, who keeps chickens, should send for our poultry books telling how 51 chicks were hatched from 50 eggs, and "Making Money the Buckeye Way."

Buckeye Incubator Co., 1313 Innisfallen Ave., Springfield, Ohio

DAY-OLD CHICKS FREE

We are giving as premiums thousands of Day Old Chicks from choice Standard Bred Stock. We are advertising these to introduce the best twenty-five cent poultry journal published. A few hours' work is all that is required. Particulars free.

POULTRY POST

GOSHEN, INDIANA

Lamon's Northern Raised White Rocks

"THE HARDY KIND"

Raised in this northern Adirondack country have the constitutional vigor which has produced the most beautiful plumage on any strain of White Plymouth Rocks in the world today. Hence the name, "The Hardy Kind."

My Fourth Prize Pen Cockerel at Boston, 1910

will be mated to four females extra large in size, chalk-white in color, bright red eyes, rich yellow legs, low, even serrated five-point combs, full deep breasts and long, broad backs with low-carried, well-spread tails.

EGGS from this superb mating \$10 per 13 straight; other extra quality matings, \$5 per 13; \$9 per 26.

I am the Originator of the Rose and Single Comb Buff Bantam and will spare a limited number of eggs from these little beauties at \$10 per 13. Send for my circular and list of testimonials of satisfied customers.

Harry M. Lamon : Box H : Adams Center, New York

Columbian Wyandottes

Line-bred for ten years. I originated and bred the "Challenge Strain" Light Brahmas twenty years ago and now give my customers in my CHALLENGE STRAIN COLUMBIAN WYANDOTTES, the benefit of my long experience in breeding and producing the markings demanded for Columbian Wyandottes by the latest Standard of Perfection. Their record at

New York and Boston For Two Years

in the keenest of competition at these two leading shows prove that Keating's Challenge Strain leads all others. NEW YORK, 1909-10—2d and 4th cocks; 2d hen; 2d and 3d cockerels, and silver cup for best display. BOSTON, 1910—First cockerel; first and fourth cock; third, fourth and sixth hens and sixth pullet; also silver cup for best cockerel; special for best display, special for best cock and fourth hen, special for best cockerel and fourth pullet, special for best shape male, and special for best colored male.

EGGS! EGGS!! From pens headed by first prize cockerel at Boston, 1909, and first prize cockerel Boston, 1910, \$10 per 15, the run of the two pens. Selected from one pen, \$15 per 15. I am breeding three other yards equally as good headed by males that were winners at New York or Boston, and every female has won or direct from New York or Boston winners, at \$5 per 15; \$10 per 45. Some grand exhibition and breeding birds for sale at reasonable prices, quality considered.

All stock and eggs guaranteed as represented. Mention American Poultry Journal when writing.

J. P. Keating, :: Westboro, Mass.

Burhans' "Quality" Exhibition Barred Rock Matings Will Breed Still More Champions IN 1910

There is not room in this advertisement to tell you all about my matings for 1910, but I have prepared a catalog of sixteen pages, profusely illustrated with half-tones made from actual photos of my birds right here in my yards, which I will send you if you are really interested in better Barred Plymouth Rocks. It will tell you how to know the sire and dam of every chick you raise, how I breed the winning kind of exhibition cockerels, how I produce those snappy colored males that breed on in future generations, how I mate my birds, how to mark your chicks, how to select your best cockerel bred females, how to choose your best pullet bred cockerels, how to select breeding cockerels that will stamp their likeness on their chicks and produce said males, how I pedigree my chicks, how to get the most out of a setting of eggs, how to breed heavy layers and work for fertility and vigor, as well as giving a lot of information on how I have attained such wonderful success with "Quality" Barred Plymouth Rocks.



EGGS this season, \$4, \$5, \$7, \$10, \$15, \$25 and \$45 per setting. Write early for the catalog, for I have but a limited number. Stamp is appreciated.

Amos Burhans

Breeder of "Quality" Cham-
pion Barred Rocks

Box A, Waterville, Minn.

"ARISTOCRAT."

This is the name of the strain of Barred Plymouth Rocks bred by W. D. Holterman, Ft. Wayne, Ind., the man who produced the celebrated male bird

which he built his now celebrated strain of Aristocrats, which now represent the highest degree of perfection possible to obtain in America's leading variety of thoroughbred poultry.

Mr. Holterman has been a steady ad-

fair and honest treatment, and it is on these lines that he has built his business and reputation.

This season he has mated up the grandest lot of birds he ever owned, and is now prepared to fill all orders promptly and with his usual care. He can help you improve your present stock or start you right with his strain of Barred Rocks. Write him for catalogue and mating list, and mention American Poultry Journal.

RHODE ISLAND REDS.

In this issue will be found the advertisement of Red Cloud Poultry Farm, R. B. Bretz, prop., El Reno, Okla., who makes a specialty of breeding Rhode Island Reds. At the recent show held at Enid, Okla., where there were 5,030 entries, his exhibit and winnings were the sensation of the show. On Single Combs he won first on Single Comb pullet; color special; second highest scoring bird in the show. On Rose Comb, 3d cock; 2d cockerel; 1st, 2d and 3d pullet; also several specials.

He has mated up several grand pens, each one headed by a prize winner, and is prepared to supply eggs that will produce Reds that are up to standard requirements. Send for his mating list and mention American Poultry Journal.

Willard J. Thorniley, Marietta, Ohio, the Ancona specialist, made a grand winning at the late Marietta show as follows: First, 2d cocks; 1st, 2d, 3d, 4th cockerels; 1st, 2d, 3d, 4th pullets; 1st, 2d, 3d, 4th hens; the Honorable George White silver cup, value \$50, for largest and best display. Third and final year for winning this prize. Ancona cup for best pen of Anconas, and the association cup, value \$30, for the highest scoring pen in the show. Judged by W. C. Pierce. This record stands unequaled. Write for prices and particulars and mention American Poultry Journal.

T. A. Faulds, London, Ont., Canada, reports winning the following prizes on his Black Minorcas at the late Boston show: Single Combs—Cocks, 1st, 2d; hens, 1st, 2d, 3d, 4th; cockerels, 1st, 2d, 3d; pullets, 1st, 2d, 3d, 4th. Rose Combs—Cocks, 2d, 3d, 4th; hens, 1st, 3d; cockerels, 1st, 2d, 4th; pullets, 2d, 3d, 4th, 5th, and all specials. He also sold the eggs that produced the first prize Rose Comb cock at this show. Can you beat this record?



Cockerel heading first pen at the great Missouri State Show, at St. Louis, December, 1909. Also first cockerel at Illinois State Fair, Springfield, October, 1909. Now heading a breeding yard at Pleasant View Poultry Farm, Millersville, Ill. Bred, owned and exhibited by J. A. Bickerdike, Box A, Millersville, Ill.

"Ringy," which was probably the greatest Barred Rock ever produced in the west. This bird was the foundation on

vertiser in these columns for a number of years, during which time his numerous customers have received from his hands



EGGS OR DAY-OLD CHICKS : : BUFF, BLACK AND WHITE : : **ORPINGTONS**

Madison Square, Chicago, Indianapolis, Cleveland and Cincinnati first prize winners. All infertile eggs replaced free. All dead chicks replaced by live ones. Send today for our large illustrated Mating list, giving prices on eggs and chicks from prize winning and utility pens, free.

WILL H. SCHADT, GOSHEN, IND.

HARRY W. LAMON, ADAMS CENTER, N. Y., SPECIAL REPRESENTATIVE OF THE AMERICAN POULTRY JOURNAL.

Mr. Harry W. Lamon, Adams Center, N. Y., will represent the interests of the American Poultry Journal as special representative in the eastern territory. Mr. Lamon will be remembered by the old-timers in the poultry fraternity as a breeder of Buff Leghorns and Barred Rocks, dating back to 1892, having produced for a number of years the Single Comb Buff Leghorn, winners at

New York and Boston shows. He was afterwards manager of Willowbrook farm, Burlington, Conn., which he successfully managed, placing this plant on a plane where it had never before been because of his extraordinary ability as a breeder of high-class poultry.

Mr. Lamon for many years has been a judge of all varieties and officiated at many of the leading shows in the East. He is unquestionably well qualified to represent the interests of the American Poultry Journal, being very conservative and conscientious in his work. He will contribute articles to the American Poultry Journal in which will be embodied the practical knowledge which he

has gathered from his many years of successful production of fancy poultry, and we are sure our readers will receive nothing but thoroughly practical knowledge from his pen. Articles may be expected in the near future on mating, incubation and rearing of chicks. We are well pleased to have added such a valuable man to the staff of the American Poultry Journal representatives.

Above all things, the beginner should form the habit of associating with old breeders and reading all of the best poultry magazines possible.

Rudy's Perfection White Wyandottes

Just from Missouri, where we did show them sure enough. Now I am going to show you the quality of my "Perfection" Strain that can be found in my breeding yards this season. My type of White Wyandottes is known all over the world as being as near Perfection as has ever been produced, and winners in most any of the best shows can be traced to my

"Perfection" Breeding

My records, at Chicago, December, 1908; Peoria, Ill., November, 1908, and Kansas City, Mo., January, 1910—the Madison Square of the West—will long stand unequaled. At these shows (the last three shown in competition) they won all the Blue Ribbons—15 out of a possible 15. At Chicago: 1st, 3rd, 4th cock; 1st, 4th, 5th hen; 1st, 2nd, 4th cockerel; 1st, 2nd, 5th pullet; 1st, 2nd pen. Silver cups and specials for best display. At Peoria: 1st, 2nd, 3rd, 4th, 5th cock; 1st, 2nd, 3rd, 4th, 5th hen; 1st, 4th cockerel; 1st, 2nd, 3rd, 4th pullet; 1st, 2nd, 3rd pen. All specials, including President's \$50 silver trophy cup for best display, all varieties competing. At Kansas City, 1st, 2nd, 3rd, 4th cock; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, 5th cockerel; 1st, 2nd, 4th, 5th pullet; 1st, 4th pen. Specials: The Weekly Kansas City Star's \$150 silver trophy cup for best bird in the show, all varieties competing. The Schmelzer Arms Company's \$50 silver trophy cup for best display, all varieties competing. All the above prize winners (with one exception) can be seen in my breeding yards this season, as I wish to give my patrons good value in eggs for hatching.

Why delay placing your orders? DO IT NOW, that the "Early Bird" may "Catch" the Ribbon. Have your orders booked early and be assured of prompt delivery. Fifteen grand pens. Mated for the Egg Trade, including all my prize winners. Eight of them headed by the best sons of "Perfection," the greatest living White Wyandotte sire. Prices of eggs: As they run (i. e., eggs from all pens), \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. From pens of your own selection, \$10 per 15; \$18 per 30; \$25 per 45. Utility and incubator eggs (from surplus stock I carry over for next season), \$3 per 15; \$5 per 30; \$7 per 45; \$12 per 100.

Don't forget that my "PERFECTION" STRAIN is noted for Great Egg Production. Write for Egg Circular and Mating List. A few choice breeders yet for sale. Prices on application.

Rudydale Poultry Farm ∴ ∴ **Box A, Mattoon, Illinois**
Geo. H. Rudy, Prop. and Mgr. **The Home of "Perfection" White Wyandottes**

THE LAKESIDE MAISON DORE COMPANY

AT NEW EGYPT, OCEAN COUNTY, NEW JERSEY

Incorporated Under Laws of New Jersey--Buildings and Improvements Are Already Under Way

THE OBJECT OF THE COMPANY—To erect a hotel on the lake front of the sixty acres of ground which the company already owns, a 200-room Inn and other buildings. THE CUISINE WILL BE FURNISHED by the Poultry and Farm Department, thus assuring the company both the retailer's and wholesaler's profits. STABLES, GARAGE, ICE HOUSE, GAS PLANT, and other buildings and enterprises that charter covers are being erected.

THE LAKESIDE POULTRY FARM

with housing capacity of 5,000 hens and 12,000 incubating capacity and colony houses for the accommodation of 50,000 chicks. WELL ESTABLISHED AND PROFITABLE BUSINESS of the Glenolden Poultry Yards which had the reputation under the management of Howard L. Davis to be one of the most successful plants in the United States; also the ESTABLISHED BUSINESS OF POULTRY SUPPLIES, including Fireless Brooders, Trap Nests, Davis Pemican Powder, Davis Germ-Acid, Davis Head Louse Salve, Davis Moisture Gauge, etc. A FARM AND ORCHARD will be a valuable asset to the company. THE EGYPTIAN THEATRE is already a grand financial success.

THE PROSPECTUS NOW READY, and contains full particulars, details and objects of the company. Send for one at once.

Howard L. Davis, Pres. : New Egypt, New Jersey

NOTES ON YOUNGSTOWN, OHIO, SHOW.

This show can justly lay claim to the pennant for the quality show of the year, for with the exception of but few classes the winners shown were capable of landing places anywhere in this country, and many unplaced birds here could win in a large number of shows. Liberal regular premiums and specials helped to make this show, though many of the larger breeders came on account of the meeting of the Ohio State Branch of the American Poultry Association, and the meeting of the State Branch of the Rhode Island Red Club. Charles Melare presided over an enthusiastic meeting of Ohio members of the American Poultry Association. The branch is a large one, having taken in about thirty new members the past year. The finances are in good shape, and the branch is planning some good missionary work for poultrymen of Ohio the coming year. The old legislative committee was dissolved and a new committee of one appointed to act with the State University in an endeavor to

procure an appropriation of \$25,000 from the State for the establishment of a department of poultry husbandry at the State University. The branch extended a vote of thanks to the Mahoning Poultry Association for the courtesies extended to the visiting A. P. A. members.

Barred, White and Buff Rocks were comparatively small classes. This section is a perfect hotbed of White Wyandotte enthusiasm, and the class at the show was the strongest the writer has seen outside of New York and Chicago. Any ribbon won at Youngstown in White Wyandottes entitles the winner to a place among the White Wyandottes "200." Mr. F. D. Sutton, of Youngstown, was the best winner in the class, taking first cock, third cockerel, second hen, first and second pullet, first and third pen, National White Wyandotte Championship Cup for best display, Silver Medal for best cock, hen, pullet and pen, and seven other silver cups. We understand that a winning Chicago cock was one of those defeated by Mr. Sutton's first cock. His first pullet and second hen are remarkably typical birds. Mr. Sutton was a good winner last year at this show, and his repeat proves him to be entitled to a front place as a breeder. We unhesitatingly recommend buyers to Mr. Sutton. He also won third cockerel, first and third pullet in White Orpingtons on three birds unusual for their good color and the first pullet a splendidly typical specimen.

F. D. Hawn had some of his stock represented in the winnings, though he did not exhibit as an individual. Everybody knows the quality that this popular secretary of the National White Wyandotte Club breeds. He was at the show every day making more friends.

W. D. Carroll, Youngstown, is always a good winner in White Wyandottes at this show, for he certainly has the goods. This year he won third hen, third pullet and fifth pen, a splendid win in this class. Dillon & Bell came all the way up from Cincinnati and won right down the line, taking second cock, fifth hen and fifth pullet in

this big class of White Wyandottes on their fine birds. In Golden Wyandottes they won first cock, first hen, first cockerel, first pullet and first pen, all National Golden Wyandotte Club Specials. In Columbians they took first cock, fourth pullet and fifth cockerel. In S. C. Reds they won third cock, fourth hen. In R. C. Reds, fourth hen. In S. C. Buff Orpingtons they won first cock, first and second hen, third and fifth pullet and two Buff Orpington Club ribbons on top of their Cincinnati and Chicago winnings this winter. This gives them a record obtained by few breeders and speaks volumes for the quality they breed.

In what was undoubtedly one of the strongest classes of Rhode Island Reds gotten together this winter the winnings here will count big. It was the occasion for the annual meeting of the Ohio State Branch of the Rhode Island Red Club. Judge Chester Tompkins stated that the class brought out was equal in quality to those at New York and Chicago this winter. In fact some winners from these shows were on hand at Youngstown and had hard work to hold their own. Ira M. Crowther, Willoughby, was re-elected president of the branch and was the best winner in single combs, taking first, fourth and fifth cock, fourth and fifth cockerel, fourth pullet, second and fourth pen and Ohio Cup for best display, special for best shaped male, club special, \$15 gold, for best display; \$20 cup for best display; cash special given by Ohio Branch for best cock and pen. Mr. Crowther has strong Red type in both sexes and is accounted one of the leading breeders of this variety. It takes unusual quality to win as he did in such a class as this.

White Crest Farm, H. C. and C. M. Sixt, Westpark, Ohio, breeders of Single Comb White Leghorns and White Wyandottes, report: At the late show at Westpark, Ohio, they had some 250 entries, and Judge Charles McClave said the quality shown there was very good. The Sixt Bros. won the silver cup for best display of White Leghorns, also silver cup for ten highest scoring birds in the show. Nine of their birds scored ninety-five each and three ninety-five and one-half points. They had some twenty-five birds that scored about ninety-four points. The Sixt Bros. have been breeding for many years, and their winnings include some of the larger shows, such as Cleveland, Ohio. They report plenty of stock in each variety yet for sale and eggs in season.

Frank W. Mains, Morris Plains, N. J., breeder of Mottled Anconas, made an exhibit at the late Madison Square Garden show and won 3d cock; 3d, 5th hens; 2d, 5th cockerels, and 1st, 5th pullets in one of the largest classes of this variety ever gathered together at this show. All his stock is raised on free range and are therefore strong and vigorous. He is offering some special bargains in cockerel and breeding pens. Write for prices and mention American Poultry Journal.

Minorea Range, Big Rapids, Mich., reports the following winnings at the late Jackson, Mich., show on his young stock: Cockerel, 1st, 3d and 4th; pullet, 1st and 4th; pen, 1st. This will entitle them to three medals, two club ribbons, an American Poultry Association diploma, besides the regular prizes and ribbons.

BRADEN'S BARRED ROCKS ARE MONEY-MAKERS

"I'm the man who breeds Barred Plymouth Rocks exclusively—the prize winners."

FOR SALE

40 pullet mating cockerels for sale, Blue Belle Strain. Price \$2.50 to \$10.00 each. Shipped on approval. Money back if not as represented.

Write for
BRADEN'S
Egg Record
25 cts. a copy

EGGS

from my best exhibition pullet mating pens, \$3 to \$5 per 15. Fifty cents per setting less for all orders received during February. Better keep in touch with

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"Begin With Strong, Sturdy Chicks"

You may select your eggs from strong stock, but they will never "make good" if the eggs are not properly hatched and the chicks brooded properly—using Model Nutrine Chick Salts from the start. Use this free catalog as a guide. It is a practical poultry book.



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MODEL NUTRINE CHICK SALTS

A carefully prepared and evenly balanced mixture for the various inorganic Earth Salts necessary for the proper development of the baby chicks. Prevents loss from bowel trouble and indigestion. All chicks may be bright and strong when hatched, but after a few days some of them commence to droop, get plastered up behind and soon get starved or trampled to death by the stronger chicks. Ask for descriptive matter that explains how Model Nutrine Chick Salts are used with proper food mixtures to prevent loss and insure largest percentage of strong, healthy chicks. Don't miss it. Write today.

Model Incubator Co., 101 Henry Street, Buffalo, N. Y.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question.—(1) Which are the best layers the whole year around, counting the winter months? The Rose Comb Black Minorcas or the S. C. Black Minorcas? Rose Comb R., Island Reds or the S. C. R. I. Reds? (2) What kind of chickens are counted as best layers? (3) Would it ruin a flock to breed a cock that has a side spring? (4) How ought a Minorca be marked, a Barred Rock, Brown Leghorn, Light Brahma, Buff Orpington and a Buff Leghorn? Sidney, Ohio.

M. H. J.

Answer.—(1) The different combs make no difference in the egg production. (2) This is a rather delicate subject, as some breeders claim one and other breeders another; but we are of the opinion that the Leghorns are the best layers. (3) The chances are that it would so far as exhibition specimens were concerned. (4) See American Standard Perfection for description of these varieties. Price of Standard, \$1.50. For sale by American Poultry Journal.

Question.—I would like to drop you a few lines in regard to an ailment of my chickens of late. I have had two chickens, one rooster and a pullet of this year's hatch get something the matter with one side of their head. It

all swells up so as to completely destroy the sight of the eye. I have looked up one of your poultry books on that and the nearest I can see to it is "sore head," of which it says to use carbolated vaseline. I did that and have also used coal oil and lard, but to no avail. It does not seem to get better; finally going to the other side, making the chicken totally blind and then there is nothing else to do but kill them.

Spokane, Wash.

Mrs. J. M. H.

Answer.—This is roup in its worst form and is almost impossible to cure when it gets to this stage. These birds should be isolated and the premises thoroughly disinfected with a 10 per cent solution of carbolic acid. The sick fowls should be placed in warm, dry quarters and fed on soft feed. As a medicine, procure some one of the various roup cures advertised in these columns and give as directed.

Question.—Which is the best form of roosts for poultry; round or flat?

Bonnot Mills, Mo.

P. S.

Answer.—We consider the best roosts are made from 2x2 scantling, with sharp corners rounded off slightly.

Question.—(1) Can you tell me the cause or causes of hens dropping soft

shelled or premature eggs around coop while roosting at night? (2) Will a cockerel mated to pullets or hens produce eggs that will hatch as strong chickens as if a cock were mated to the pullets and hens? G. E. T.

Missoula, Mont.

Answer.—(1) This is due to either a lack of shell-forming material or to inflammation in the egg passage. See that your fowls have plenty oyster shells before them at all times. Also feed them liberally of wheat bran and green food. (2) That depends on the vigor of bird. If the cockerel is well matured and vigorous eggs will be fertile.

Question.—(1) How to line breed, to produce and maintain a good strain, without introducing new blood? (2) Will clover hay make good litter? Will it need to be cut, or remain whole? What makes the best litter? (3) What is the best grit on the market?

Fallston, Pa.

W. E. H.

Answer.—(1) Answer to this would take too much space in this department. See our book, "Why Poultry Pays and How to Make It Pay." Price only 50 cents. (2) Clover hay makes a very good litter; but we prefer a good quality of oat straw. (3) You will find any of the grits advertised in these columns to be O. K.

Question.—(1) How can I tell the age of poultry in any particular way? (2) Are there any rose combs in the breeds of Leghorns and Minorcas? (3) What is the best feed for fattening? (4) Are 14 hens too many with one



BRED AND OWNED BY
ARTHUR G. DUSTON,
ROSELAWN POULTRY FARM,
SOUTH FRAMINGHAM, MASS.

A pair of Duston Quality White Wyandottes, the kind that win the blue at New York, Boston and other large shows.

RICKSECKER'S S. C. REDS

in a class by themselves. Fall 1909 won every 1st at American Royal Stock Show, Kansas City; every 1st and 1st sweepstakes cockerel at Kansas State Show; also seven premiums on eight entries at Missouri Valley Interstate Fair, Kansas City. If you want winners, order eggs for hatching from the best of Reds; rich, even color, long bodies, red eyes, fine wings and tail, strong, vigorous farm raised stock. Mating list and show record free.

T. L. Ricksecker, Red Specialist Farm, R. F. D. No. 5, Box 119
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White Plymouth Rocks

In a large class at the late Milwaukee show I won 1st pullet, 3rd cock, 4th cockerel, and 7th hen. Have been breeding and exhibiting White Rocks for past ten years and am now prepared to supply extra choice eggs from prize-winning pens at \$3 per setting. Until March 20, incubator eggs \$6 per 100. I guarantee satisfaction. Place your order now. Mention American Poultry Journal.

W. R. Abbott - Fort Atkinson, Wisconsin

White and Buff Rocks

winnings at St. Louis, December, 1909, Buff class of 300. First cock, first hen. Madison Square Garden, New York, 1909 and 1910, third hen. White Rocks at Detroit, January, 1910, first, fourth and fifth cock. Third and fifth hen. Fifth cockerel. Also second pen. Eggs, \$3 and \$5 per fifteen.

CADILAC POULTRY FARM, W. J. H. GOETZ, 1150 CADILAC AVE., DETROIT, MICH.

ORPINGTONS

of the better sort. Buff, Black and White at New York Madison Square. We won on three entries of Blacks, 1st pullet, 4th cock, 4th hen. Silver cup best Orpington hatched in 1908. The first White Orpington pen hatched from one setting of our eggs defeated seven pens from the largest breeders East and West. Doesn't this prove to you that we have the birds and can mate them to produce results. We breed our winners and sell you eggs from winners that will produce winners. Eggs, \$3, \$5, \$7 and \$10 per setting.

Mountain View Farm : R. F. D., South Kent, Conn.

BARRED PLY. ROCKS

The Kind It Pays to Breed

I have for sale a number of cockerels, both pullet and cockerel bred, that I picked out to sell at from \$6 to \$15 and give good values. To move them and get my strain among the people I am offering them at \$5 each while they last. Not more than one pullet bred and one cockerel bred cockerel will be sold to one person.

Eggs For Hatching

I am offering eggs from four pens of standard colored females, scored 91 to 93½. I have these birds properly mated to males with as many good points as will be found in any pullet bred male. Settings from these birds will be filled from either pen. Their total score being about the same. Within a very small fraction of 92 on an average of forty females.

In cockerel matings I have two males scoring 92, two 92½, and one 93. Properly mated to females which are a credit to the breed. Settings from these birds will be filled five eggs from 92-point birds, five from 92½-point birds, and three from 93-point birds. One setting \$4, two \$7, three \$9. Either mating. Place an order with me and get entire satisfaction. I guarantee it. Write for mating list and mention American Poultry Journal.

T. J. Carter, Box Z, Jonesdale, Wis.

rooster? (5) Where can I get a book on the diseases of poultry and how much would it cost? (6) Do you think that oats are better than cracked corn for laying hens? Please answer as soon as possible and oblige, S. C. Lowell, Mass.

Answer.—(1) This is a difficult matter and can be done only by the experienced poultryman. (2) Yes, in all varieties. (3) A mash feed made of corn meal and shorts and mixed with sweet milk. (4) Not if he is a vigorous bird. (5) Dr. Salmon's book, "Diseases of Poultry," is probably the best book of this kind published. Price 50c. For sale by American Poultry Journal. (6) Yes.

Question.—Let me know in your next issue what is the cause and cure of my Buff Orpington pullet going blind. She seems in good health. Has a good appetite. Would a hen like this be fit to eat? G. B. Burnham, Pa.

Answer.—We cannot tell unless we had more details. Would not advise the use of a fowl in this condition for the table.

Question.—(1) I can dispose of a quantity of fresh blood from the butcher, one or two hours after the slaughter of the animal. How can I convert that blood into powder to be used as a food for my pullets? (2) What do you mean by "middlings" in reference to poultry food? (3) What do you mean by the term "roaster?" By the term "broiler?" L. T. N. Galata, Constantinople, Turkey.

Answer.—(1) We are not familiar with the process, but it is dried by application of heat to the fresh blood, after which it is made into what is known as blood meal. (2) Middlings can be procured at any grist mill and is a portion of the wheat kernel that is separated from the flour and bran in the process of making flour. (3) "Roaster" is a young fowl weighing from 2½ to 4 pounds. The "Broilers" are chickens from 6 to 8 weeks of age and weighing from 1 to 2 pounds. These are terms used by the market poultrymen.

Question.—What do you think of concrete floors for chicken houses?

Adams, Neb. J. M. B. Answer.—If properly constructed, there is nothing better. In putting in a concrete floor there should be from 6 to 8 inches of cinders put in before concrete is laid. This will avoid dampness. After floor is laid it should be allowed to dry, after which litter to the depth of 6 to 8 inches should be kept on at all times.

Question.—(2) What breed of fowls would you advise me to start with as winter layers? (2) How should I build a house to be handy, warm and cheap? (3) How much floor space is required for a dozen hens and one rooster? (4) Should I divide into separate pens? (5) What incubator and brooder do you advise me to get? (6) How should I feed for eggs? (7) What kind of feed for broilers? (8) Can you tell me the most reliable breeder to buy from? Arleta, Ore. C. D. G.

Answer.—(1) Any of the American varieties, such as Rock, Wyandottes, R. I. Reds, etc. (2) Space will not permit us to give details here. Get our book,

"How to Build Poultry Houses," price 50c. (3) Six square feet of floor space should be allowed for each fowl. (4) Yes, from 10 to 15 in a pen. (5) We never say which is the best. They are all good and we guarantee all our display advertisers. (6) Good quality of whole wheat and oats, together with plenty of green stuff. (7) Get a copy of book, "Broilers for Market," price 50c. (8) We do not recommend one above another.

Question.—(1) How can a person keep a white chicken from becoming brassy? (2) At what age does a cockerel or pullet become a cock or hen? (3) Is it advisable to use a cockerel in a breeding pen with pullets? (4) Has yellow corn any effect on the color of white chickens? Does it bring out the brass (5) Is a brassy cockerel useless to breed from on account of brass. C. P. F.

Flanagan, Ill.

Answer.—(1) This can only be done by breeding from male birds that show the least brass in their plumage. It takes several years of careful breeding to get a flock of pure white birds. (2) At one year. (3) No. (4) We believe that yellow corn has a tendency to make white fowls brassy, although some authorities claim it does not. (5) Yes, if you are breeding for exhibition purposes.

Question.—(1) Will a cockerel make a good breeder that is standard bred and would score very high but has a crooked breast bone? (2) What is a Black Langshan hen worth that has a score of 96 points? K. W.

Jasper, Ind.

Answer.—(1) A bird with a crooked

breast bone cannot score very high, as it would be disqualified; therefore, it is of no value as a breeder. (2) Fifty to \$100.

Question.—I have 13 first-class R. I. Reds. I feed a mixture of wheat, barley, oats and cracked corn morning and night; would like to know about how



"BETSY."

First White Wyandotte pullet, Chicago, 1908. Bred and owned by George H. Rudy, Mattoon, Ill., whose birds are creating such a sensation in the West this season.

much to feed a day. I feed in a litter of leaves. I also feed dry mash of corn meal, bran, B. B. B. meal and alfalfa

meal. Please give quantity of each for best results for a daily ration. W. B.

Providence, R. I.

Answer.—This question is asked more often than any other and has never yet been answered satisfactorily, for the simple reason that no one can tell the exact amount of feed necessary for a given number of fowls. Some fowls eat twice as much as others, the same as the human race. A little over a pint of grain twice a day should be sufficient for 13 birds, providing they are fed mash once a day and a supply of green food. The proper amount can only be determined by results and close observation.

Question.—(1) Do the pure breed White Leghorns lay any brown shell eggs? (2) After a rooster has had the roup is he injured as a breeder?

Madison, Tenn.

A. S. J.

Answer.—(1) Leghorns should lay a pure white shelled egg, but they have been known to lay eggs with a light brown shell. (2) Yes.

Question.—In August and on December 31 I have had two pullets die of the same trouble. One was a Rock and the other a White Wyandotte. In both instances the symptoms were identical, so will only cite the last case for instance. I will find the pullet standing around very listless; will neither eat nor drink; feathers ruffled and no animation; head in good condition; no fever, but bowels are yellow and white liquid, but very scanty from no food. I treated them each time promptly for cholera with a gruel of condition powder. On the second day condition worse and bird dies of convulsions.

Caldwell, N. J.

R. V. M.

Golden Wyandottes McDANELL WINS

OLD HOMESTEAD FARMS

J. H. McDANELL, PROPRIETOR

ROUTE 2, WARSAW, KENTUCKY

REDS

We offer you high class exhibition quality in S. C. Reds and mate our prize winners for best results, backed up by seven years of successful breeding. Eggs from our extra choice matings, \$8 per 15; \$15 per 30; regular matings, \$5. Some fine breeding males yet for sale. Special sale of trios for \$15 and pens at \$20. Write us today.

Odenheimer & Odenheimer

Lumberton, New Jersey

Andalusians

I have bred Andalusians nine years and in competition at the leading shows have won more firsts than all competitors. At the late Ohio State Show I won 1st cock, 1st and 2d hens, 1st cockerel, 2d and 3d pullet, 1st pen, on six single and one pen entries. Also won silver cup for best pen in Mediterranean class and silver cup for best male bird in Mediterranean, Asiatic and French classes.

R. C. Bantams

I breed both White and Black Rose Comb Bantams and deem it sufficient to call your attention to my winning all firsts at both Chicago and Toledo the same week on Blacks. In Whites I have the same quality. Stock and eggs.

Swiss Chard

Swiss Chard belongs to the beet family, the tops making a wonderful growth and can be cut repeatedly. Poultry is very fond of it. One ounce of seed will drill a 100-foot row and make green food for at least 100 hens. Price of seed, 10c per oz. Order direct from this ad.

L. C. TAYLOR

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DAY-OLD CHICKS OF QUALITY

Shipments guaranteed to reach destination safely. Book orders now. Twelve leading varieties of the best strains in America:

S. C. Rhode Island Reds
R. C. Rhode Island Reds
White Wyandottes
S. C. Black Minorcas

S. C. Buff Orpingtons
S. C. Black Orpingtons
S. C. White Orpingtons
White Plymouth Rocks

Buff Plymouth Rocks
Barred Plymouth Rocks
S. C. White Leghorns
S. C. Brown Leghorns

Send today for free chicklet catalogue

GOSHEN POULTRY YARDS :: GOSHEN, INDIANA

White Orpingtons

My birds won at Philadelphia, 1910. Eggs from Pen 1 headed by 1st cock Philadelphia, 1910, mated to winning hens, \$10.00 per 13. Pen 2 headed by 1st cockerel at Philadelphia, 1909, and select females, \$5.00 per 13. The run of the yard, \$3.00 per 13; two settings, \$5.00. Place your order now.

MRS. J. W. HOLTON - CATASAUQUA, PENNSYLVANIA

Andrews' White Wyandottes

AT BOSTON, 1910



America's strongest White Wyandotte show, won first, second, and sixth cockerel, first pen (on young), fifth hen, special for best shaped male, and best pen. The cockerel class was the hottest ever shown. Have won first pen for four successive years, and never failed to win at Boston for thirteen years. A record never equaled by any breeder. At Chicago, 1909, on four entries won four prizes and color special. I breed my winners. Buy your breeders and eggs from a strain that has winning blood; they have won and still win America's highest honors. Send for circular.

J. W. Andrews : Box J, Dighton, Massachusetts

"HILLSON'S BAR-LETS"



Hold the World's Record at Buffalo, 1909. Four (4) first prizes: 1st cockerel, 1st, 2d hens, 1st, 4th pullets, 1st exhibition yard. My 1st cockerel champion of Buffalo was the center of attraction, being admired by thousands of visitors, and claimed by all Barred Rock men to be the finest specimen produced to date. Only high class birds and eggs for sale. No cheap stock. Matings for 1910 are unsurpassed. A limited number of eggs at \$5.00 per setting straight. Grand circular.

GEO. W. HILLSON, HYDE PARK, NEW YORK
POULTRY DEPT VANDERBILT ESTATE

Truckenbrod's Standard Barred Rocks



are world's best, famous prize winners. Made a world's record at great Chicago show by winning 1st, 2d, 3d, 4th and 5th prizes on males the last three years, more prizes on cockerels than all competitors combined. We have for sale 15 fine, Standard weight, pure Latham pullet bred cockerels and 20 fine, Standard weight, pure Bradley Bros. pullet bred cockerels at \$3, \$4 and \$5 each. Every one is a fine individual. Also have for sale 50 fine, Standard weight cockerel bred cockerels, pure Bradley Bros. & Teddy line bred, best in United States, at \$3, \$4 and \$5 each. All of these will make good breeders and winning cock birds for next year's shows. Fifty fine cockerel bred pullets for sale at \$3 each; pairs, trios and pens mated for breeding at \$7, \$10 and \$15. Our birds will please you. Satisfaction guaranteed. Write us for free circular showing our Chicago winners from life. Eggs from best matings only \$5 per 13, \$9 per 26.

Standard Rock Farm
TRUCKENBROD BROS., MENDOTA, ILL.

Teddy V, Our Second Prize Cockerel Chicago Show, 1908
Bred and owned by us

Answer.—You should have made an examination of the internal organs after death. Do not think it was cholera, as in this disease there is always a rapid rise in temperature and the symptoms given leads us to believe that the trouble was congestion of the liver. This disease is not noticeable until it has advanced so far that treatment is of no avail. It is caused by the fowls being too fat or by the eating of tainted or moldy food.

Question.—Which are the best layers, Single or Rose Comb Rhode Island Reds?
I. F. B.

Rochester, Pa.

Answer.—We do not believe there is anything to choose between these two varieties so far as egg production is concerned.

Question.—(1) I have 30 W. P. Rock pullets, hatched in latter part of March and early April. They are large and in good health. I feed them considerable sunflower seed, with bran, corn and oats and some of them began to lay August 22 and during September I got as high as eight and ten eggs some days. In November they moulted considerably and the egg yield fell off. I am now feeding a morning mash of equal parts clover meal, wheat, bran and hominy, to which I add a good hand grip of oil meal and half pint meat scrap. I feed mangles and other green stuff and corn and oats for grain in deep litter. I only get from five to eight eggs. They have plenty of room; also grit, charcoal, water, etc. Can you suggest better management? (2) Is it an advantage to get out pullets for winter laying earlier than during April?
J. F.

Chicago, Ill.

Answer.—(1) Moulting is what stopped the egg production. Too heavy feeding of sunflower seeds will cause moulting. Your system of feeding should produce eggs and probably will as soon as they recover from the effects of the moult. (2) No.

Question.—Can you give me a formula for chick feed?
L. S.

Worthington, Minn.

Answer.—No formula that we could give you would be as good as any one of the various prepared chick feeds now advertised in these columns.

Question.—(1) Which kind of poultry is the best to start in with? (2) Which kind of grain is the best poultry feed? (3) Are portable houses good to keep hens in.
L. A. M.

East Walpole, Mass.

Answer.—(1) We do not answer this question. Take up the variety you fancy. They are all good. (2) Wheat, oats and corn. (3) Yes, see ads. in this issue.

Question.—(1) What do you think of cotton seed meal as feed as an egg producer? (2) About how much mangle beets would it require to furnish sufficient feed for say 200 hens during the winter in Indiana and how is the best way to feed them? (3) I would like to know what was the matter with my incubator. I only got about one-third hatch last spring. It is not the eggs, for my eggs give about 80 to 90 per cent hatch under hens. I also got eggs from my neighbor that made about 95 per cent hatch for me, also those with hens. I used moisture in different

ways, but did not seem to help matters very much, if any. I set the machine four times and I aired out the machine and room about twenty-four hours each time and kept the lamp burning to hold the heat up as much as possible so it would drive out the odors from the machine. This was the third season for it. It was not disinfected any, only aired, as above stated. (4) How heavy should goods be for poultry house curtains? Would something like bed sheeting do for outside use if oiled with linseed oil, or would medium weight bed ticking be better or 8 ounce duck?

Sandborn, Ind.

C. D.

Answer.—(1) A small quantity of cotton seed meal may be fed to advantage. (2) Twenty-five bushels. They are best fed raw. (3) The difficulty must have been in your method of operating the machine. You either cooled your eggs too much or not enough. Care should be taken in this respect. By frequent testing of the eggs you can very easily determine whether the eggs are drying down too rapidly or not fast enough. (4) A good quality of unbleached cotton makes a good curtain. This can be oiled or not as occasion requires.

Question.—Will you please tell me something about white feathers in Golden Wyandottes? Are white feathers a common thing in this breed?

Pineknayville, Ill.

D. O. M.

Answer.—White feathers in the wings of parti-colored birds are becoming more rare each season, as the breeders are gradually breeding this defect out, although it is permitted by the Standard, in some varieties, the time is not far distant when any feather foreign to the variety will not be permitted and will very rarely be found. White feathers in the wing of a Golden Wyandotte is a serious defect but not a disqualification.

Question.—(1) Is it practical to equip incubator with gas instead of oil lamp? (2) For the poultry business in this vicinity how and when would the poultry and egg best be marketed for best profits? (3) At what age is it most profitable to dispose of hens? (4) How is best method to keep record and designate in order to know the age of your fowls. Yours truly,

Vinita, Okla.

S. M.

Answer.—(1) Yes. (2) Your nearest large city. (3) After the second laying season is over. (4) By marking in the web of the feet and keeping a record of the toe marks in a book.

THE BLUE ISLAND SHOW.

Blue Island, Ill., held its eighth annual show in Saenger Hall last month and birds of highest quality were exhibited in all classes. The work of Judge Jansen gave satisfaction to all exhibitors and, although competition was keen in some classes owing to the excellent quality of birds, the awards were well placed. The Rhode Island Reds, both Single and Rose Comb, showed up particularly strong, a nice string of Leghorns being also shown. There were also some Buff Orpingtons that caught the eye of every visitor. The Wyandottes and Plymouth Rocks were there in Sunday clothes and, all in all, the show was a success in both quality and quantity of birds.

Shultz Brown Leghorns

Have proven their supremacy at America's greatest shows. Eggs from choicest exhibition matings, \$3 per 15.

Rosemont Poultry Farm

Elmer V. Shultz, Proprietor

Webster Groves, Missouri

Ship Eggs and Day-Old Chicks



without loss or breakage. Use RIPPLEY'S Corrugated Card Board. So strong a man can stand on them, but so light the saving in express more than pays for box. Money returned if they fail to do as recommended. Prices, 1 setting size, \$1.00 doz.; 2 setting size, \$1.50 doz. K. D. Egg Boxes, 50 egg size, \$2.50 doz.; 100 egg size, \$4 doz. 50 size Chick Boxes, \$1.50 doz.; 100 size, \$2.50 doz. Mail order or write for descriptive circular of these boxes, Fireless Brooders, Whitewashers, etc. RIPPLEY MFG. CO., BOX 26, GRAFTON, ILL., U. S. A.

Mains' Mottled Anconas

Are winners. Special bargains in cockerels. Breeding pens mated for results. Exhibition birds and eggs, my specialty. All stock raised on free range and bred for quality, utility and vigor. Satisfaction guaranteed. For particulars, write and mention A. P. Journal.

Frank W. Mains, Morris Plains, New Jersey

Eggs for Hatching

From my fine flock of WHITE ORPINGTONS. \$5 and \$3 a setting. Will have about 2,000 Orpington Chicks for sale.

White Oak Poultry Farm

F. J. BANTA
Proprietor

Lima, Ohio

S. C. R. I. Reds

The finest that years of breeding on scientific principles can produce; some fine stock left for sale. Four yards headed by males that have records for producing some of the world's best. Send for Mating List describing them.

Geo. L. Buell

Lorain, Ohio

Buff and Black Orpingtons and Rose and Single Comb Rhode Island Reds

Our recent winnings at Madison Square Garden and Chicago were as follows: New York, 2d Black Orpington pen, 5th Buff Orpington pen. Chicago, 1st Buff Orpington hen, 1st, 2d and 5th Black Orpington cock birds, 2d Black Orpington pen, 2d Buff Orpington pen. These, with our winnings at New York, Jamestown and Cleveland in the very hottest competition, proves more than we can say as to the quality of our birds. We are shipping eggs from our very best pens at \$5 and \$10 per setting and guarantee a satisfactory hatch. We offer at a bargain for quick sale—ten Rose and Single Comb Rhode Island Red cockerels at \$5 each. Also a few Rose Comb Rhode Island Red hens, Buff and Black Orpingtons in hens, pullets and cockerels, a limited amount of nice stock. Let us know just what you want and we will answer you with a great deal of pleasure.

Craig & Mapes : Mt. Lebanon, Penna.

BARRED ROCKS

S. C. W. Leghorns, R. C. Reds, S. C. B. Orpingtons, Pekin Ducks

My birds are all strong, vigorous birds, raised on free range. My breeding yards are carefully mated and I am breeding stock close to Standard requirements.

My Great Winning at Baltimore

on Barred Rock cock has never been equaled. This grand bird won 1st cock Special for best shaped male and GOLD SPECIAL FOR BEST COCK IN THE ENTIRE SHOW. I also won 4th cockerel, 5th hen, 4th pen in a hot class, and my birds have won at Hagerstown and other shows. Exhibition and breeding stock in all varieties and eggs from pens containing my winners at \$5.00 and \$3.00 per 15. Order early. Write today. Pekin Duck eggs from prize winner, \$2.00 per 11.

Elkridge Poultry Yards, Ellicott City, Md.

James B. Clark, Owner : Address all communications to C. W. Lloyd, Manager

The farmer's real Friend.

Is it Samuel L. Allen who makes those wonderful farm and garden implements that save so much time and labor?

You don't say so! Why, he used to be my neighbor out there in the country. I remember well when he worked the adjoining farm to mine—and a thrifty farmer he was, too. I'm not really surprised to hear he has gotten on so well, for he deserves it, I know.

But you say he makes implements for over two million farmers and gardeners, and has a big manufactory in Philadelphia working to its full capacity? That is fine.

Why bless you, I've used these Planet Jr. labor saving tools, as they are called, for years.

In fact you couldn't get me to use anything else. But I never dreamed they were the invention of my old neighbor, Samuel Allen. I might have known it, though, if I had only stopped to think.

I remember how he used to be always making experiments with his own inventions in his garden. He never seemed satisfied to plod along with the crude, hard-working implements that we had in those days. That accounts

for his success. He had an idea, and stuck to it till he produced something of lasting benefit to farmers and gardeners everywhere. And they evidently know a good thing

when they see it. I've used that No. 25 Planet Jr. Hill and Drill Seeder, Double-Wheel Hoe Cultivator and Plow for some time and couldn't get along without it. It combines almost every useful garden tool in one strong, light, easy-running, simply adjusted implement. It opens the furrow, sows the seed in drills or hills 4, 6, 8, 12 or 24 inches apart, covers, rolls down, and marks out the next row. And it works to perfection as a wheel-hoe, cultivator, and plow. This is only one of the many labor-saving implements that are the product of Samuel Allen's thought, is it? We owe him a debt of gratitude for revolutionizing farming methods and taking away the drudgery.

I wouldn't like to call any farmer or gardener a back number who hasn't at least one of these implements on his farm, but I certainly think he is neglecting his own interests if he isn't progressive enough to send for the illustrated 56-page catalogue of 1910 Planet Jr. implements issued by S. L. Allen & Co., Box 11071, Philadelphia, which they send free upon request.

WILLIAM BATES.

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free.

Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.



48 Breeds Fine pure bred chickens, ducks, geese and turkeys. Northern raised; hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 16th Annual Poultry Book. R. F. Neubert, Box 844, Mankato, Minn.

DAVIS 1910 FIRELESS BROODER. The BROODER that beats the hen, NOT a hot box or a sweat box. A BROODER with a DARK HOVER to sleep in. A Brooder with a LIGHT PLACE to exercise and eat in. The ONLY fireless Brooder built right side up—the ONLY one in which you can REGULATE THE HEAT—the only one in which the chicks DON'T SWEAT and in which you CANNOT OVERHEAT the chicks. Send for literature. The L. M. D. Co., Howard L. Davis, President, New Egypt, in the center of New Jersey.

SMALLEY'S

WHITE WYANDOTTES

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States. **W. P. SMALLEY, SHAWNEE, OKLA.** Sec'y Oklahoma Branch American Poultry Ass'n

AFTON FARMS.

While at the late New York show the writer had the pleasure of meeting Mr. S. B. Twining of Yardley, Pa., proprietor of Afton Farm, whose picture appears on this page. During our conversation we asked Mr. Twining to send us a short history of his place and business and we give below the facts as stated by him in a recent communication:

Afton Farm was started in 1879 by the late E. W. Twining (my father). The first ten years it was run as sort of a hobby. Much experimenting was done which was very expensive at the time, but

sure and steady. The annual output has now reached 28,000 chickens, 22,000 ducks, besides selling thousands of eggs for incubation and the market.

Their market goods are of such an excellence that they have customers in Boston, Mass., New York City, Plainfield, Trenton, Asbury Park and Atlantic City, N. J. Philadelphia, Pa., and Washington, D. C.

They go into 1910 with 200 selected Barred Plymouth Rock breeders, 150 White Wyandottes, 50 Cornish Indian Games, 300 S. C. W. Leghorn, 500 Mammoth Imperial Pekin ducks and 1,000 S.



S. B. TWINING, YARDLEY, PA.

has proven a rock sound foundation for the present Afton Farm. The writer, S. B. Twining, was born Dec. 29, 1879, ten months after first poultry was bought. He has grown up with and almost a part of the business. He was an only child and for years the chickens were his only playmates. When school days came he spent his vacations helping with the poultry. In 1899 Mr. E. W. Twining's main helper died and S. B. was taken out of school and he adopted poultry production as a life work. January 4, 1906, Mr. E. W. Twining died after a brief illness. Since then S. B. Twining has been manager and sole owner of Afton Farm.

Afton Farm has not had a mushroom growth, but its growth has been slow,

C. White Leghorn pullets kept for market eggs alone.

Birds are culled three times before they reach Afton Farm breeding pens, so it is no wonder we have vitality, good shape, size and heavy egg yield. Afton Farm was started as a market poultry farm, and has stuck to it, though we experimented somewhat with the fancy.

How did we get to selling breeding stock? We made a success of the business. Incubator concerns, etc., sent people to Afton Farm to see a living example of poultry success.

They found it.

Now these people were unusually anxious to get some of our stock. We sold them some. It paid. We got to ad-

vertising our stock. It paid. We advertised still greater, and here we are.

Besides running this large business, Mr. S. B. Twining takes an active part in seven different companies (director), one of which is a large manufacturing concern of Philadelphia which does an annual business of over a million dollars. But he says, adapt business methods to the market poultry business and you have as fine a business as any one could find for a life work.

This farm issues a very handsome catalogue, which is sent to anyone who desires it, and we expect in the near future to be able to present to our readers a number of illustrations of this farm, together with more detailed information. In the meantime we ask our readers to send for catalogue and get acquainted with Mr. Twining and learn more about how he has made a success of the poultry business.

POULTRY POPULARITY.

By Frank J. Stamm, Manager River Home Poultry Yards, Perrysburg, O.

IT seems to be human nature to want to be "in the swim." This slang phrase expresses the feeling of many persons who are engaged in, or who expect to engage in the poultry business either on a large or small scale. This tendency to want the latest thing in poultry has caused many an enthusiast to follow the ignis fatuus of a "new breed" out into the marshes and bogs of the hybrid, where he has found that the "latest breed" was only a delusion without merit and destined only to end in well-deserved oblivion.

A great many persons, especially ama-

teurs, are misled by the unscrupulous or over-enthusiastic advocates of a new variety. Such advocates often make exaggerated and indeed absurd claims for the particular alleged new breed which they are exploiting. Their claims are often not any better founded or authenticated than are the claims made for the historic hen whose virtues have been immortalized in the classic poem, one of whose stanzas says of her:

"Old Grimes he had a good old hen,
A good old hen was she,
She used to lay two eggs a day,
And Sunday she laid three."

Unfortunately the poet was not a practical poultryman and therefore failed to give us the name of the variety of the Grimes hen, but it is perfectly safe to assume that she was one of the then latest breed and that her progeny have all long since gone into that oblivion to which we have already referred.

The popularity of the different established and standard varieties increases or decreases from year to year or from decade to decade without any apparent very good reason or reasons. There are, however, no doubt many causes for this fluctuation in the tide of popularity, but it is difficult to point out any one cause which controls the ebb and flow which carries a particular variety backward and forward on the sea of popular fancy.

Take, for instance, the noble Light Brahma, the pioneer of thoroughbred poultry in this country. For more than forty years from the time of their first importation into the United States they easily maintained the lead as the most popular of all fowls. They were the largest of the chicken family, unequaled as table fowls, splendid layers, especially

in the winter, beautiful, stately and docile. In fact, the Light Brahmas seem to possess all necessary qualities to keep them on the topmost wave of popularity, and yet for some reason there was a short time when other breeds with much less merit greatly exceeded them in numbers and in popular favor. Now the tide has turned; the Light Brahma is again as popular as ever and in great demand. It is now only a question of getting enough high-class Light Brahmas to supply this demand. No one can give a conclusive reason why it was that a few years ago the Light Brahma seemed to be on the decline in the poultry world, or why it is that this condition is now reversed and that there is a greater demand for high-class stock of this variety than ever before.

In my opinion at least one potent influence, which helps to bring about this seeming fickleness on the part of the poultry public, is that poultry raisers simply want a change in variety without knowing exactly why. They are often unconsciously influenced by color. A breeder who has been raising white or black fowls for several years sees a flock of Buffs or Reds, and the contrast in color is so striking that he is greatly impressed and concludes to make a change without knowing exactly why. Or the breeder is just as likely to change from the Buffs or Reds to one of the White or Black varieties for the same reason. In other words the same color of fowls year after year becomes somewhat monotonous to the eye and so the breeder makes the change to a breed of a different color. Advertising, no doubt, is also a very important factor in determining popularity of any given variety. As an illustration of what advertising can do towards pop-

WILLIAM COOK & SONS

—ESTABLISHED 1873—

Originators of All the Orpingtons

Box A, Scotch Plains, New Jersey



First Prize S. C. Black Orpington Cockerel, Madison Square, 1910, owned and bred by Wm. Cook & Sons, Scotch Plains, N. J., Originators of all the Orpingtons.

AS USUAL---We won many times more firsts than any Orpington breeder at Madison Square, 1910---thirteen first prizes. In six showings at Madison Square, we have won 103 first and 70 second prizes, more than six times as many firsts as any other Orpington breeder. These are convincing facts that we have the best in the world and is why we are recognized headquarters for the best Orpingtons, all varieties. Many other winners were sold by us or hatched from our eggs. Over 12,000 first prizes won by us.

Send 6c for Our Illustrated Catalogue

containing history and origination of all the Orpingtons, valuable hints on poultry keeping and mating list.

EGGS---From our winners and the finest Orpingtons in the world, \$10.00 a setting; from fine stock, \$5.00.

We guarantee safe delivery and satisfaction on everything we ship and this is backed by a reputation of thirty-seven years' standing, this means something to you. Advice free. Inspection cordially invited. Trains met. Several thousand stock birds always for sale.

ularizing a variety it is perhaps permissible to refer to the experience of River Home Poultry Yards with their Light Brahmas. Several years ago, when they began to advertise the Light Brahmas aggressively, it seemed to be uphill work. For a long time the interest created and the inquiries received were almost discouraging. By persistent effort, however,

Brahmas. The interest taken in their exhibit at these two greatest American shows is largely due to the fact that the public has become familiar with the merits of their Light Brahmas through their advertisements in all of the leading poultry journals.

What has been accomplished in repopularizing the Light Brahmas by River

spend his money on printers' ink, because in such a case his efforts will end in ignominious failure.

BLACK LANGSHANS.

At the late Chicago show the breeders of Black Langshans made a very creditable showing, and we are pleased to note the renewed interest that is being taken in this variety, as this variety is certainly worthy of more consideration than has been given them the past few years. Time was when the Black Langshan was one of the most popular varieties, and was recognized as a general purpose fowl, but the newer varieties coming into popular favor crowded them to the rear, but merit will win, and as the Langshan is "built on merit" we predict that in a very short time they will again be one of the largest classes at all the leading shows.

Mr. R. A. Hewes, Crete, Ill., has never lost faith in this variety and has continued to breed and exhibit them since 1883, and he reports that the demand is rapidly increasing for good quality birds. At the late Chicago show he exhibited a number of birds and won first and second cock and third hen. This is but a repetition of what he has been doing for years. Send for his mating list and prices. He will treat you right. Mention American Poultry Journal.

THE WAUKEGAN SHOW.

Waukegan, Ill., had its first real poultry show in the Armory last month, about 1,100 birds being entered and competition was keen. Birds of the highest quality were exhibited and scored by Judges McClave and Byers. The hall was handsomely decorated and the association assisted by its able secretary, Mr. Conley, and superintendent, Mr. Gleason, have laid the foundation for a still greater show next year. All prizes were promptly paid, and as the exhibitors were well satisfied in every particular a feeling of general contentment reigned in all parts of the hall.



The above pen of S. C. White Orpingtons was the surprise of the late New York show. Their owner, Mr. Harries, is an old Orpington breeder, and his show record in former years is one to be proud of.

all this is changed and it is now simply remarkable the great number of people who have become interested in this old standard variety. At the Chicago and Madison Square shows, held last December, there was no exhibit which was inquired for oftener, or which attracted more favorable attention, than River Home Poultry Yards exhibit of Light

Home Poultry Yards and other Light Brahma breeders can be accomplished with other good standard varieties by intelligent and persistent advertising. Of course I am assuming all the time that the advertiser has the stock that will back up his advertising statements. If his birds do not sustain the claims he makes in his advertisements, he had better not

REDS

SINGLE COMB. My best pen contains Madison Square Garden and other winners. Eggs, \$5 per 15. Second pen headed by cockerel winning at Philadelphia and Norristown, Pa., mated to select females, \$3; other matings, \$2. My birds have superb shape and color. Breeding cockerels, \$5 and \$10. Baby chicks, \$15, \$25.00 and \$40.00 per 100. Write me, I can please you.

J. H. CROSSLEY, Box 177, MAGNOLIA, NEW JERSEY



White Wyandottes

NEW YORK AND BOSTON WINNERS.—Our birds have won at America's leading shows for the past twelve years and at the late show at Madison Square Garden our birds were again among the winners, capturing fourth and fifth cock, fifth hen and fifth cockerel. We are offering fifty high class breeding cockerels that will put **QUALITY** into your flock. A few pens and trios at "live and let live" prices.

Our White Rocks

Won at Madison Square Garden in the past and Boston, 1910, on three entries first and third cockerel; special for best colored male and \$100 challenge cup for champion male. These winnings added to our past record should convince you we have the quality you are looking for. Anyway you may return them and get your money back if not as represented. Write for prices.

EGGS

From our pens, both varieties, which will contain all of our prize winners, carefully mated to produce more prize winners at \$5 and \$10 per fifteen. We sell you the same eggs we would set ourselves. We satisfied all our customers last year and we will please you. Write us today. Remember, we breed and raise all our winners. Stamp for mating list.

Rockandotte Farm W. R. GRAVES
MRS. S. H. GRAVES **R. R. 3, Southboro, Mass.**

SUBSCRIPTION DEPARTMENT

The prizes on our great fall subscription contest, which closed December 31, 1909, were won by the following contestants:

J. H. Jackson, Mass., 1st; Thos. D. Gannaway, D. C., 2d; Arthur S. Johnson, N. J., 3d; Macon A. Green, Tenn., 4th; F. E. Eggerman, Mo., 5th; A. J. Savacool, Pa., 6th; Mrs. A. K. Charles, Kans., 7th; E. J. Weidner, Pa., 8th; A. E. Boyd, Ohio, 9th; Mrs. Rose Simpson, Ala., 10th; E. Kaufman, Pa., 11th; H. A. Green, Ohio, 12th; C. S. Hunting, Mo., 13th; H. G. Hall, W. Va., 14th; Fred Grundy, Ill., 15th; Oscar Nicodemus, Ohio, 16th; R. A. Page, Pa., 17th; John Galbraith, Ohio, 18th; Thos. Watkin, Ohio, 19th; Carl H. Sly, Ohio, 20th; Jas. Christopher, Ill., 21st; S. A. Haines, N. J., 22d; Wm. Ulrich, Pa., 23d; Wm. G. Morris, Vt., 24th; H. V. Ruth, Pa., 25th; M. Wilson, N. Y., 26th; George B. Derby, Ohio, 27th; Louis Lemke, Wis., 28th; W. J. Lanphear, Ohio, 29th; Mrs. J. F. Mahan, Ohio, 30th; Mrs. Wm. Tiemann, Ill., 31st; Dr. T. L. Johnson, Tenn., 32d; E. H. Keefer, Pa., 33d; John N. Good, Pa., 34th; Arthur Keene, Maine, 35th; J. J. Dubois, Ind., 36th; A. A. Cole, Minn., 37th; John Davidson, Wis., 38th; Carl Hettler, N. Y., 39th; Harvey E. Bitler, Pa., 40th; Ross Mercer, Ohio, 41st; J. Camp, Ohio, 42d; A. W. Foreman, Ill., 43d; Dike C. Miller, Mich., 44th; Mrs. W. B. Morris, Wis., 45th; F. M. Griffith, Ohio, 46th; Jas. Maroney, Pa., 47th; D. B. Binger, Pa., 48th; Wm. A. Flanders, Pa., 49th; R. J. Rawlins, N. D., 50th; A. E. Aldrich, Ohio, 51st; Harold Houghton, Ind., 52d.

Mr. Gannaway, in acknowledging receipt of his \$100 prize, writes as follows: Washington, D. C., Jan. 17, 1910.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Gentlemen: I am in receipt of your

letter of Jan. 15 just inclosing your check for one hundred (\$100.00) dollars as payment of second prize offered in your contest just closed, for which please accept my most sincere thanks. This was won so quickly and so easily that I can hardly realize that it is mine. I say so quickly, because I didn't take a subscription until after Nov. 20, 1909; and when I say easily I don't mean to infer that I had nothing to do. This is the fourth A. P. J. contest I have participated in, having won first in the springs of 1907 and 1908, twelfth in the spring of 1909, and second in the one closed December 31, 1909. I had to work faithfully and tenaciously in three of them. But the effort was so small as compared with that required to earn the same value in any other way which I have ever applied my earning capacity, that I am forced to say, at times it almost seems like I had taken something which did not belong to me. The majority of my subscriptions have been obtained before and after office hours. Many of them were taken while riding on suburban cars. My work for A. P. J. has been the means of my meeting hundreds of people and making scores of friends which I would not have otherwise made. I have found by experience that it becomes easier and easier each year to take subscriptions for A. P. J. In the contest just closed I realized that my time in which to get subscriptions was exceedingly short, as the contest had been running over ten weeks before I decided to enter, my time up to Dec. 15 being almost entirely taken up with other work. I spoke to several of my friends and asked them to assist me by speaking to their friends and getting them to take A. P. J. through me, and I was agreeably surprised at the liberal response of several of them, one man giving me 28 counts. I am very sorry that it is utterly

impossible for me to take part in the contest which just started; for it is certainly an easy way to make some extra money. In all my work for your journal I have not lost more than twenty days from my regular work. The most skeptical must admit that it has been twenty days well spent.

The person who is lucky enough to get the piano you are offering in the present contest will have no reasons to regret any reasonable effort he may put forth in winning it. I think more of my Wing piano, which I won in 1908, than I did when I first got it. I find one of my neighbors has one of them; he has been using it for fifteen years and he is still highly pleased with it. Assuring you that I am well pleased with the results of my work for A. P. J., and regretting that I will be unable to take part in the contest just inaugurated, also wishing you unbounded success in the future with your most excellent journal, I remain,

Very respectfully,

Thos. D. Gannaway.

The piano of which Mr. Gannaway speaks is manufactured by Wing & Sons, 372-385 West 13th street, New York City, N. Y., and if you want a full description of it write for their book "A Standard Piano." It will be sent to you free. The piano we are offering is their style No. 21 listed therein.

If you have a little spare time it will pay you to read our offer on pages 158-159 of this issue, as it will repay you well for your trouble. Also turn to page 183 and you will have a full description of the wonderful book we will give you free.

Mr. J. P. Keating, Westboro, Mass., breeder of Columbian Wyandottes, just about won everything at Boston. If you want good Columbians Mr. Keating has them.



THE OLD TRUSTY INCUBATOR FACTORY, CLAY CENTER, NEB.

PLEASANT VIEW FARM

Barred and Buff Rocks, Lt. Brahmas, Blk. Langshans, White, Silver and Buff Wyandottes, S. C. W. S. and R. Comb Brown and Buff Leghorns, S. C. Blk. Minorcas and Buff Cochins. Eggs \$7 per 100 up. L. Rutherford, Prop., Box 181, Watertown, N. Y.

Almendinger's R.C. Buff Leghorns

Won at Madison Square Garden, New York, 1909-1910, first cock, second cock on two entries. A few good cockerels for sale. Eggs for hatching. Catalogue.

A. F. Almendinger, 42 N. Orton Place, Buffalo, New York

White Wyandottes

If it's quality you are after we have it and you will make no mistake in ordering of us

HEVERLY & SON Center Point, Iowa

White Wyandottes

A few choice late birds still on hand. Am booking egg orders now. You get what I hatch myself. Every bird mated of show quality. Prices low.

F. W. KENNEDY : **TIFFIN, OHIO**

Hedges' Pedigreed White Rocks

Winners and layers. Won at Pana Poultry Show, January, 1909, 4 firsts, 4 seconds, 2 thirds, 2 fourths, also six specials. Egg records to 272, as shown by the trap-nest. Four good cockerels from fine layers at \$5.00 each. Eggs for hatching at \$3.00, \$5.00, \$10.00 per 15. Mating list free.

Miss Alice M. Hedges - - Box A, Pana, Illinois

R. C. R. I. Reds

Our mating list is now ready. We can supply eggs for hatching from now on from first-class stock. Winnings at Nashville, Memphis and McMinnville. Book orders now. We guarantee satisfaction to every customer.

McMinnville Poultry Ranch :: McMinnville, Tenn.

The Eureka Trap Nest

The simplest, the cheapest and the best TRAP NEST on the market. Send for catalog.

Eureka Trap Nest Co., Willoughby, O.

Orpingtons

S. C. Black, bred from Madison Square Garden winners. Four extra fine hens and five good cocks for sale cheap. Eggs from my Red Raven S. C. R. I. Reds for sale.

H. A. Kennerk R. F. D. 7 Fort Wayne, Indiana

SINGLE COMB ROSE COMB... Buff Leghorns

Ranker's "Champion Strain" have shown by their winnings at the great Chicago Show, December, 1909, in the largest class of Buffs ever shown, where I won 1st cock, 1st cockerel, 2d pullet S. C. on 4 entries; at Boston, January, 1910, 1st cock, 3d cockerel, 5th hen, S. C. on 4 entries, that they are in a class by themselves. If you want eggs for hatching from these remarkable winners come early and get the cream of the land. Have Rose Combs of same quality. Circular and mating list free.

L. W. Ranker Buff Leghorn Specialist **Tiffin, Ohio**

A Valuable Poultry Book Free

I will send to any address absolutely free a valuable book known as "A Treatise on Poultry." Tells how to make a good living from poultry. To anyone sending 40c for a trial Package of Egan's Peerless Poultry Powder, a guaranteed egg producer. Send today, as I only make this offer for a limited time. Write plainly and address all letters to

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan

THE GREATEST INCUBATOR IN THE WORLD ON FREE TRIAL.

Sam Thompson, manufacturer of the Fairfield Incubators and Brooders, wants every reader of this paper to try his great machine two hatches free.

That's an unusual offer and it certainly indicates that the claims for this machine are true.

In his advertisement, which appears in another part of this paper, Mr. Thompson states that his machine is strongest built, best looking, guaranteed to produce bigger hatches and stronger chicks than any machine on the market.

To back their claim Mr. Thompson will send our readers his incubator for a two-hatch trial free. If you are interested, write today for his new catalogue and poultry book, which is free, and get his

city stores, and at less than usual prices. You will remember that their catalogue is sent without charge to all who request it and mention this journal in their letter. We thank our readers for the number of orders they have sent to Montgomery Ward & Co. in response to their advertisements, and have no doubt that many will find it to their financial advantage to continue to trade with them for many lines of goods.

WHITE WYANDOTTES AT KANSAS CITY.

George H. Rudy, the well-known breeder of White Wyandottes, Mattoon, Ill., entered thirty-seven of his birds at the late Kansas City show and created a sensation by winning practically all the prizes. "Perfection Junior," his noted male bird, was the attraction of the show and won first



great trial free proposition. Address Sam Thompson, president Nebraska Incubator Co., 217 Main street, Fairfield, Neb.

TO KEEP FOR FUTURE REFERENCE.

We are informed that this is the last issue in which Montgomery Ward & Co. are going to run their big ad. We presume you have all seen it in the last two months, and this month, and are assured that many orders for goods have been sent to them as the result of advertising in our columns. You will do well to preserve this copy with the Montgomery Ward & Co. ad in it, as you will doubtless wish to refer to its bargain prices freely and frequently during the coming spring and summer.

The best way to do, if you have not already done so, is to send to them for a copy of their large catalogue No. 78. If you have this catalogue on hand you are prepared to buy not only poultry supplies, but also all other goods found in the largest

and special Weekly Kansas City Star's silver trophy cup, value \$150, for the best bird in the show. His winnings were cock, 1st, 2d, 3d and 4th; hens, 1st, 2d, 3d and 4th; cockerels, 1st, 2d, 3d and 5th; pullets, 1st, 2d, 4th and 5th; pens, 1st and 4th; special for best bird in show; special for best display. This is probably the best winning on White Wyandottes made by any breeder this season and goes to prove that Rudy's Perfection strain of White Wyandottes are unexcelled.

Chas Phelps, Ft. Wayne, Ind., the Orpington breeder, reports the following winnings at the late Kendallville, Ind., show: S. C. Black Orpingtons: First pen, first cock, first hen, second hen, third hen and fourth hen. S. C. Buff Orpingtons: First pen, second cockerel, first hen, second hen, third hen and fourth hen. S. C. Buff Orpingtons: First pen, second cockerel, third hen and three birds and a fourth on pullets. Write him for prices and particulars and mention American Poultry Journal.

THE W. DAWSON WHITE WYANDOTTES.

This line of White Wyandottes has long been favorably known in both America and Canada. Several of their best record winnings have been made on this side of the line. We have seen them for three years at the great Canadian winter show, the "Ontario," held at Guelph, and in classes of from 200 to 300 birds they have always made a most creditable winning. A year ago at the great Buffalo show they made close to a clean sweep. This fall at the New York State Fair, in one of the strongest classes ever shown, they won nine ribbons on ten entries. Their December, 1909, winnings at the Ontario were 1st, 5th and 7th hen, 1st and 8th pullet, 4th and 5th cockerel; cup for best cockerel and pullet and special for best display. Three years ago they entered a cock at Madison Square Garden, New York, and won first prize. This line combines size with shape and good head points. Note their adv. in this issue and send for their mating list.

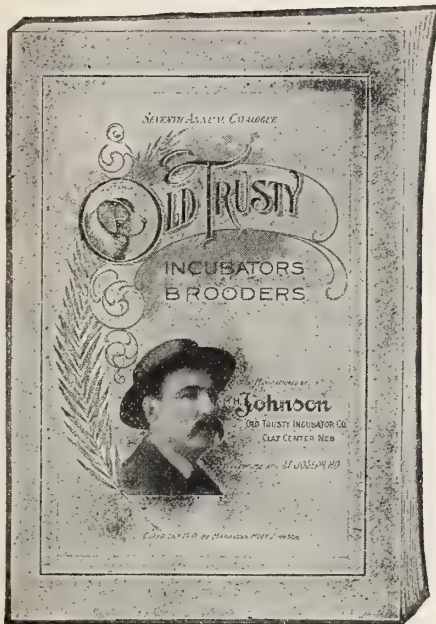
SHOEMAKER'S HANDSOME POULTRY BOOK FOR 1910.

C. C. Shoemaker has just issued his Poultry Book and Almanac for 1910. Like all of its preceding numbers it is completely perfect in all of its various departments. This year Mr. Shoemaker seems to have outdone any of his previous efforts. The book is brimming over with valuable information for all those who deal in or have chickens. And it is evident that no expense was spared in the collecting of facts for his complete encyclopedia of facts of chickendom.

The book itself is a little masterpiece of printer's art. The handsome lithographed cover in many colors is the most striking illustration of this character we have ever seen. As one turns the pages countless color plates of every fowl imaginable, all shown in their correct plumage, greet the eyes. Incubators, brooders, etc., are explained at length. The entire volume is probably the most complete and most artistic work of its kind ever issued. For further information and price see advertisement on page —.

JOHNSON MAKES LESS THAN 80 CENTS ON EACH OLD TRUSTY INCUBATOR.

Old Trusty Johnson, of Clay Center, Neb., has it all figured out this year. He shows you in plain figures how he can afford to make less than 8 per cent on each incubator he sells. And the most wonderful



part of all is, his incubator sells for less than \$10—all freight prepaid. That brings his profit down to less than 80 cents on each machine.

He's making over 50,000 Old Trusties a year now. He says his manufacturing cost—"overhead charges" he calls them—are

just about the same as when he only made 25,000. That's logical, of course. He spreads this manufacturing cost over more than 50,000 incubators. He says that is a good many more than any other manufacturer ever made in a year.

You ought to get Johnson's book this year, sure. It is bigger and better than ever—printed on the finest kind of paper—in colors, all through. Send your name to Johnson, Incubator Man, Clay Center, Neb., on a postal card to get this book and less than \$10-price, freight prepaid. Also his generous free trial offer to prove the Old Trusty is satisfactory to you in every way. Johnson himself wants to set you on the straight, sure road to bigger poultry profits. Send him your name now.

AT YOUNGSTOWN, OHIO.

We recently received a communication from F. D. Sutton, Youngstown, Ohio, in which he says: "I pretty nearly made a clean sweep in our show, defeating the 1st W. Wyandotte cock of both Chicago and Cincinnati, O. I also won over 1st hen at Cincinnati, O., as well as pullet and cockerel. My first pullet was conceded to be the most perfect Wyandotte type ever shown in the East. This bird was bred by me, together with all females in the first pen and three pullets in the third pen. I also showed three pullets and one cockerel in the W. Orpington class, and in the hottest class ever shown here I won on the four entries, 1st-3d pullet, 3d cockerel. My birds were conceded to be the whitest W. Orpingtons ever shown here, while my 1st pullet was the real sensation of the Orpington class."

Irving A. and Frank C. Sibley, South Bend, Ind., the well known Rhode Island Red breeders, report the following at the annual meeting of the Michigan State Poultry Association, held at Detroit, Mich., Jan. 12 to 18, 1910: On Rose Comb Rhode Island Reds: First and third on cocks, second and fourth on hens, first, second and fourth on cockerels, first and second on pullets, first on pen, the four club specials for color and shape, first for best display of either variety of Rhode Island Reds, the Library Park Hotel Cup, besides several other specials.

A MADISON SQUARE NEW YORK VICTORY

FOR

BRIGHT'S BROWN LEGHORNS BARRED PLYMOUTH ROCKS

At the last New York show our Barred Plymouth Rocks won more prizes and more points than those of any competitor, including the most sought-for prize in the whole realm of poultrydom.

Champion New York Barred Rock Male

and this for the third time in the last four years.

Bright's Brown Leghorns

have been the champions for more than a dozen years. They have made the **big wins** in big classes. **Surely supreme at three world's fairs, at the last Madison Square New York shows, 1909-10. Three firsts!**

The best lot of breeders in either line, both males and females of either variety, that we ever had for sale at just right prices.

EGGS from the best matings we ever had, from our N. Y. winners, \$10 to \$25 a setting; from birds closely related of nearly equal merit, \$5 a setting.

Grove Hill Poultry Yards : Box 410, Waltham, Mass.
William Ellery Bright, Proprietor : : A. C. Smith, Superintendent

NEGRO TURNS SOMERSAULT.

Down in Arkansas it is reported that a tree fell across a section of Page Fence and a lazy negro squatted on the flattened fence, watching a farmer saw the tree in order to release the fence. Suddenly the saw cut through the tree and—biff! The Page Fence sprang back into its upright position with such force that the negro turned a complete back somersault and then dashed for the tall timber as if pursued by old Satan himself.

The Jubilee Edition of the Page Fence catalogue, which is now being mailed, gives much information of value to the prospective purchaser of wire fence. Copies may be obtained free, together with a free sample of Page Wire, by addressing The Page Woven Wire Fence Co., Box 222, Adrian, Mich.

C. L. PUDEP, PROP. KITTATINNY POULTRY YARDS, IRVINGTON, N. J.

Mr. C. L. Puder, proprietor of Kittatinny Poultry Yards, Irvington, N. J., the Single Comb Brown Leghorn specialist, reports another good win at the great International Fair of 1st and 2d cockerel, 2d and 3d pullet, 2d hen and 1st pen. His birds have also been winners at Madison Square Garden, Newark, Paterson, etc. Mr. Puder writes that he has some exceptionally fine cockerels of exhibition and breeding quality for sale and is in the best shape he ever was for the egg trade. Write him.

A GREAT BOOK FREE.

"Great Crops of Strawberries and How to Grow Them" for 1910 has reached our desk. This annual edition sent out by R. M. Kellogg Company of Three Rivers, Mich., has come to be a standard work of highest value to strawberry growers, and the number now before us excels in this respect, if possible, any previous issue. Typographically, it is the most beautiful edition this great company ever has sent out, and its illustrations are of unusual beauty and suggestiveness. None may see these illustrations and read of the results secured by

growers without appreciating the wonderful quality of the Kellogg plants. Address R. M. Kellogg Co., Box No. 325, Three Rivers, Mich., and a copy of this splendid book will come forward to you free.

"PRACTICAL POULTRY FEEDING."

This is the title of the principal article contained in the new annual edition of the Pocketbook of Pointers just issued by the O. K. Stock Food Company. This interesting and valuable article is contributed by Mr. D. J. Lambert, the famous poultry judge, who needs no introduction to our readers. Mr. Lambert has had a life-long experience in poultry keeping. His statements are never based upon hearsay, but are backed up by sound practical knowledge, scientific investigation and tireless research. This booklet will be of great interest and benefit to all lovers of poultry and live stock. It can be obtained by addressing the O. K. Stock Food Company, 316 Traders Bldg., Chicago, Ill.

UP-TO-DATE MATING LIST.

A. E. Martz, Arcadia, Ind., the Buff Orpington specialist, has just issued his 1910 mating list, which is about the neatest and most attractive list we have had come to our desk this season. This list contains forty-eight pages and cover, printed on a good quality of paper and is profusely illustrated with good half-tone cuts of his prize winners and scenes on his farm. It also gives a complete description of each of his twelve breeding yards and other information about his plant and stock. It is free for the asking. Send for one today and mention American Poultry Journal.

W. N. Graham, Bradford, Ill., the White Rock specialist of the West. Anyone wishing White Rocks as a foundation strain, or any other wishing new blood to improve theirs, will find just what they are looking for by procuring stock or eggs from this prize-winning strain. When Mr. Graham decided to breed White Rocks he spared neither time nor money in procuring the very best to be had from the foremost eastern breeders—breeders that were win-

ning year after year at Madison Square and other large eastern shows. By careful mating and trap nests and an accurate record kept of each female he has built up a strain of White Rocks that are considered by our best judges to be equal to anything bred in the East; in fact, the United States. Mr. Graham has shown at several state shows, Peoria and several other large shows. He has the proud record of winning first pen at every show at which he has shown the past seven years, competing against as high as 225 birds of this breed at some of the shows. While he has both males and females scoring as high as 95½-96¼, he has succeeded in improving their laying qualities as well as having females in this season's breeding pens with an egg record of upwards of 225 eggs per year. Look up his ad in these columns and write him for his mating list, scores and prices on this prize-winning strain.

I have five little girls, and as we are in moderate circumstances their clothes must largely be "hand-downs." Can you suggest any pretty dress goods that make dresses really durable enough for my other children to wear after the first one outgrows them?—Mother of Pearls.

I know of nothing better for your purpose than Simpson-Eddystone Prints, made by the Eddystone Mfg. Co., Philadelphia, and sold by dry goods dealers all over the United States. These are the standard calicoes that have been noted so many years for their durable quality. I happen to know that the quality has been maintained to the present, while the pretty patterns have been kept up to date. The colors are absolutely fast, even after repeated washing.

These goods can be made up into about as stylish children's dresses as you can find anywhere. The cost is so extremely moderate I am sure you will be glad to know about this material.

E. E. Wilson, 921 Ashland avenue, Indianapolis, Ind., breeder of S. C. Black Minorcas, won at Galveston, Ind., 1st cock, 1st and 4th hen, 1st cockerel, 1st and 2d pullet and 1st pen. At Kokomo, Ind., 1st cock, 1st and 2d hen, 1st cockerel, 1st and 2d pullet and 1st pen. At Noblesville, Ind., 1st cock, 1st and 2d hen, 1st and 2d pullet, 1st pen, 2d cockerel. First cockerel went to a bird raised from my eggs. First hen and 1st pullet were the two highest scoring birds in show.

Louis Rausch, Creve Coeur, Mo., who breeds Barred Rocks exclusively, reports that he has mated up eight grand pens for the season's trade, five pens for pullets and three for cockerels. Mr. Rausch has been breeding Barred Rocks for a number of years and has produced birds that have won at the leading shows in the country. If you want eggs to improve your stock he can supply your wants. Better write him today for prices and particulars and mention American Poultry Journal.

Herman & Haag, of Massillon, Ohio, whose ad appears in this issue, are raisers of Brown Leghorns and Reds—farm raised, strong, healthy stock, with standard points given careful consideration, as their winnings at the late Massillon show demonstrated. On Leghorns they won 1st pen, 1st and 2d cockerel, 2d and 3d cock, 2d hen.

East Liverpool, O., surpasses many sections and cities in the class of Black Minorcas to be found there. Harry Johnson, who enters our advertising columns this month, offering eggs from his fowls, won at the late East Liverpool shows 1st cock, 1st pullet, 1st pen and 2d cockerel, it will be worth your while to look up his ad and write him without delay.

COLUMBIAN WYANDOTTES

that swept the deck at the West Michigan State Fair. Eggs \$3 per 15, \$5 per 30.
A very few cockerels left at reasonable prices.

J. G. Van Dyk - Station C - Grand Rapids, Mich.

Silver Laced Wyandottes

WE LEAD, OTHERS FOLLOW—At the great Hagerstown Show, in one of the strongest classes of Silvers ever brought together, we won first and third pullet and fourth cockerel on four entries. Our winning pullet was pronounced by leading authorities to be one of the best birds ever bred. Eggs for hatching from the grandest matings at \$3 per setting. We still have a few choice cockerels in Silver and White Wyandottes at \$3 and \$5 each.

WERTZBERGER BROTHERS : CARE MERCHANTS HOTEL : ALTOONA, PENNSYLVANIA



BLAKER'S BARRED PLY. ROCKS WIN

Do you want a winner for your show? We have five grand show cocks, eighteen exhibition cockerels, sixteen exhibition hens and twenty-two crack show pullets, rapidly rounding into show shape, the cream of over 500 head. They are being conditioned with the same care and skill that was used by me in fitting E. B. Thompson's great Madison Square winners during my two seasons with him as head poultryman. These birds are fit to show anywhere, are the down-to-date new standard kind; clean, snappy, narrow barred, elegant shape, low even combs, rich eye and leg color. Many are direct descendants of Madison Square Garden winners. We also have hundreds of select breeders and fine utility birds. Our 32-page page catalog tells all about us and the matings that produced these fine birds.

A. E. Blaker

Route 2, Box A

Parsons, Kansas

Blanchard's White Leghorns

are no experiment, having been carefully selected and bred for over twenty years. No labor or expense has been spared in building up and perfecting this strain, and while the production of large, pure white, fancy market eggs has been the main object, standard qualities have not been neglected. They are large, vigorous, active and handsome. Good winter layers and keep at it all summer. Unexcelled as foundation stock or for introducing new blood. Stock for sale, both old and young. Illustrated circular free.

WINNERS AT MADISON SQUARE GARDEN, N. Y., 1903-1904-1905-1906-1907

A. M. SHAW

SUCCESSOR TO H. J. BLANCHARD

Box 997, GROTON, N. Y.

Foster's "Duke of Kent" Black Orpingtons

For the best S. C. Black Orpingtons you must send to the oldest and best breeder of this variety in America. The "Duke of Kent" and six of the best hens that money could buy were the foundation of this famous strain. Five hundred young premium birds for sale and highest class eggs at \$4.00 per 13; \$7.00 for 26. Send a one-cent stamp for the history of the Black Orpingtons and a 9x12 chromo of this famous bird and three of his sons.

D. N. FOSTER : VICE-PRES. AMERICAN ORP. CLUB : R. 7, FT. WAYNE, INDIANA

SIMMONS BROS., STOCKTON, ILL.

We wish to call our readers' attention to the win made on Golden Wyandottes at Madison Square Garden, New York, by Simmons Bros., Stockton, Ill. Their second prize cockerel was considered by many of the best judges in the East to be one of the finest specimens of Golden Wyandotte males yet shown. They also captured third on pullet. Only two entries were made at New York by the Messrs. Simmons Bros., and this victory, in addition to their other winnings, certainly places them as leaders in this breed.

BUFF ROCKS AT NEW YORK.

John W. Poley, Royersford, Pa., the man that knows how to produce the "World's Best" Buff Plymouth Rocks, entered a few of his birds at the late New York show and won the cream of the prizes, besides the National championship club cup for best cock, hen, cockerel and pullet, best surface color cock, best shaped hen, best colored hen, best surface color pullet and first display, and seven cash specials. You will find his ad in this issue. Better write him for catalogue and mention American Poultry Journal.

CHANGE OF ADDRESS.

Mr. George W. Hillson, who has for a number of years been located at Amenia, N. Y., where he bred Barred Plymouth

**BARRED PLYMOUTH ROCK.**

This female has a record of 8 firsts, a third, fourth and fifth at the best shows, including Boston. Owned by F. S. Nicholson, Otisville, N. Y.

Rocks, has moved to Hyde Park, N. Y., and taken charge of the poultry department on the farm of F. W. Vanderbilt. Mr. Hillson took all his prize-winning Barred Rocks with him and is now in a position to produce the very best Barred Rocks that can be bred. Look up his ad in this issue and write for full particulars.

S. C. BLACK MINORCAS AT CHICAGO.

Through error we failed to mention in our January issue the second prize S. C. Black Minorca pen at the late Chicago show. This pen was exhibited by August E. Hartman, Maywood, Ill., who makes a specialty of this variety and has succeeded in producing some extra good ones.

A. J. Laundon, Elyria, Ohio, breeder of White and Barred P. Rocks and S. C. Brown Leghorns, made thirty entries at his local show and won eighteen regular premiums, ten specials and two silver cups, with 140 Rocks competing. He has a few choice birds for sale at reasonable prices. Also eggs from Barred, White and Buff Rocks at \$3.50 per 15; \$5 per 30. He guarantees satisfaction. Write him and mention American Poultry Journal.

SAFETY BROODING

Candee Hot Water Brooder System

**Healthy Heat Makes Healthy Chicks****THE FEATURES ARE**

Economical Hot Water Heater that burns cheap fuel, eliminates danger of fire and is 15% cheaper than oil to operate.

Automatic Temperature Regulator that operates with the expansion of the water in the system and insures absolutely even temperature in all the hovers.

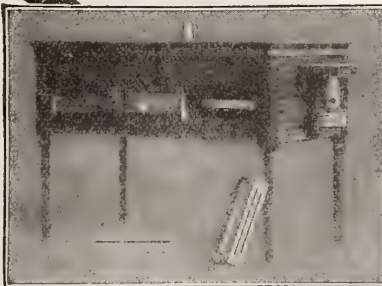
System of piping and hover construction that keeps chicks from crowding.

Write to-day for catalog and prices. Estimates free.

Candee Hot Water Brooder Co., Box B, DeWitt, New York

Know This 5,000 Egg Hatcher

Before You Decide on Any



Most simple to operate anywhere; cannot over-heat egg chamber; only one lamp—less oil; double heating system—hot air and hot water; no thermostat but most even temperature; double air-spaces heated; no moisture problem; nature's ventilation—no draughts; hatches hen, duck, goose and turkey eggs at same time.

McCabe Incubators

—made in capacities up to 5,000 eggs. Finest construction and materials. Guaranteed to hatch every good egg. More advantages than any other incubator. Know them all. Get posted by writing for our honest little book.

McCabe Incubator Co.

140 McCabe St., St. Peter, Minn.

**S.C. Reds**

Bred from a long line of prize winners, they show their breeding by winning in four states, 1909. With 15 birds entered at Little Rock, Ark., I won 9 regular and 6 special prizes, including Stiff loving cup for highest scoring pen of any class in show; \$10 in gold for second highest scoring 15 birds shown by one exhibitor; 3 out of 4 club badges given by Rhode Island Club of America. If you want the best in Reds, or your flock needs new blood, Mr. Breeder, write me. Mating list now ready. Eggs for hatching. Stock all sold.

Lady Baltimore, winner of shape special at Little Rock, Ark. Score 94.

CHERRY RED POULTRY YARDS
D. E. MACGOWAN, Prop., 1129 COLLEGE ST., MEMPHIS, TENNESSEE

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio**Baby Chicks & Ducklings**

Safe arrival guaranteed. 10 to 18c each. Orders booked now. Send 2c stamp for 32-pg. illus. cata. Sunny Side Poultry Farm Box A F, Cromwell, Indiana

Reichert's White Rocks

and Rose Comb White Leghorns the winning kind. Our birds winning 10 prizes out of 16 entries, besides 3 specials. A few extra choice breeding cockerels left. Pens headed by some of these grand cocks and cockerels, from which we are now booking orders for eggs.

E. H. Reichert : Virden, Illinois**Prize-Winning S. C. Black Minorcas**

Pens headed by "Chief Big Comb." He was exhibited in 1909 and 1910 at Troy, Cambridge and Schenectady, N. Y., and Grand Rapids, Mich., and won first each time. Pure Northrup strain. He is bred to prize winning hens. Can furnish eggs also from utility stock that averaged 40 per cent egg yield this season, November, December and January. Write for catalogue and prices.

F. C. Wing Box 152 Wayland, Michigan**ELITE White Wyandottes S. C. W. Orpingtons**

My pens comprise all high scoring birds and many blue ribbon winners. Am now booking orders for eggs.

W. H. H. Chappell : Westerly, R. I.

Single and Rose Comb

R. I. REDS

Choice cockerels, trios and pens for sale at reasonable prices. All bred from prize winning stock. Write me your wants.

Homer Slagle R. R. 3 Poland, Ohio**EAKIN'S****MODERN LEG BANDS**

Made of aluminum, are adjustable and cannot lose off. Price: 12, 15c; 25, 20c; 50, 35c; 100, 60c. Sample free. Special until March 1. American Poultry Journal, and 100 Modern Leg Bands 75c.

Clyde Eakin, Box 982, Bartlesville, Okla.**Buff Cochins**

Highest honors and greatest record number of prizes won by any exhibitor, 5,500 birds competing. 17 prizes, total of 67 points; great Mo. State, Coliseum. Best and largest display, \$50 silver trophy cup, and Mo. State cup; best male and female. Two 1sts, three 2ds, four 3ds, three 4ths, three 5ths. 85 birds in class.

Dr. A. A. Gossow - St. Charles, Mo.**Light Brahmas**

WHITE ORPINGTONS

Have won the blue at Boston, Providence, Brockton Fair, Lynn and Milford. Some very fine show birds as well as breeders for sale at reasonable prices considering quality. Write me your wants and let me quote you prices.

B. E. Darling, Box 15, Natick, Massachusetts**HOW ABOUT YOUR FENCES?**

No mistake among the poultry raisers is as common or more expensive than that of buying lightweight, cheap poultry fence. In fact, most of the so-called "Poultry Fence" is not a fence at all, being little better than ordinary netting made of cheap wire that cannot be expected to give protection nor to last. Don't make that mistake. A good fence costs much less in the long run. Send to the Brown Fence & Wire Co., Dept. 3, Cleveland, Ohio, for President Brown's eye-opening book on this fence question. He manufactures fences of all kinds, but seems to take especial pride in the fence he makes for poultry raisers. While so closely woven as to answer every purpose of the poultry fence, they are heavy enough and substantial enough to be used as a general farm fence. At the bottom the wires are run one inch apart. The top or border wires are made of No. 9½ hard high carbon steel, so that they require no boards or rails with them.

The substantial construction of the fence enables you to set your posts farther apart

The best thing he can give a hen at this time is plenty of green bone. It contains an abundance of mineral matter, which is absolutely necessary to a laying hen. If prepared properly it will prove invaluable. This can easily be done if he possesses a Standard Bone Cutter. This machine has the unusual merit of cutting the bone across the grain, making its value as a food product so much greater. The manufacturers of this machine—The Standard Bone Cutter Co., of Milford, Mass.—are so sure of this that they will allow anyone a ten days' trial free, and let the person decide for himself the merits of their machine.

There are eleven grades—hand or power—they have put upon the market, and the prices are unusually low. The machines are easy to run, for they cannot clog and have automatic feed. An illustrated catalogue and information about a free trial can be had by addressing the Standard Bone Cutter Co., Milford, Mass.

With this issue of American Poultry Journal Mr. F. S. Nicholson, Otisville, N. Y., starts a display ad. He is a breeder



Ancona cockerel King William II. First at Madison Square and Cleveland. Sired by William I, first at Dairy Show, London, England, and Madison Square. Bred and exhibited by H. C. Sheppard, Berea, Ohio.

than is required by the ordinary poultry fencing, so that you can erect a real Brown fence strong enough to turn any animal on your place for less money than it would cost you to put up cheap poultry netting.

Another feature which must not be overlooked is the extra heavy galvanizing of the Brown fences. In recent years much of the fence on the market has rusted out in a short time, owing to the poor galvanizing. The Brown fence is treated by a process which amounts to double galvanizing and easily doubles the life of the wire.

You are certainly interested in this fencing question. Get Brown's book and get down to the root of the matter. It will pay you to investigate.

AN AID TO LAYING HENS.

At times there is a remarkable tendency on the part of hens to convert their surplus food into fat, while at other times they show the entirely different tendency to convert it into eggs. When this condition exists it seems to appropriate the major portion of the food partaken by them. If a poultryman observes closely he can easily tell whether the hens are inclined to become fat or are laying eggs. If the latter is the case, then the obvious thing for him to do is to heavily feed them.

of Barred Plymouth Rocks, who comes to us very highly recommended. He has been breeding B. P. Rocks for the past fifteen years, during which time he has exhibited and won the blue at most of the big eastern shows, and during that time has never had a bird returned that he has shipped to a customer. This speaks volumes for the quality of stock he ships. Better write him for prices and particulars and mention American Poultry Journal.

D. W. Young, Monroe, N. Y., breeder of S. C. White Leghorns, won the following specials at the late Madison Square Garden show: For best male, for best colored male, for best shaped male, for best female, for best color female, for best shaped female, for best display, state cup for best display, Elm trophy, medal for best cock, medal for best hen. See list of New York show awards for regular prizes.

Simmons Bros., Stockton, Ill., the well known Golden Wyandotte breeders, entered a few of their birds at the late Madison Square Garden show and won second cockerel and third pullet, and this in one of the hottest classes ever shown there. Further comments on the quality of their stock is unnecessary when they can produce birds of this quality.

THE BEST POULTRY CATALOGUE OF 1910.

We urge everyone of our readers to write to the Prairie State Incubator Co., 468 Main street, Homer City, Pa., for their 1910 poultry book and catalogue, entitled "Artificial Rearing of Poultry."

While this book has primarily been published to advertise the Prairie State Incubators, Brooders, Hovers and Colony Houses it contains over fifty pages of the most valuable information on poultry culture that we have ever seen between the two covers of a book.

Just to give you something of an idea of the character of this helpful information below are a couple of letters which the Prairie State Incubator Co. received unsolicited from two well-known poultrymen immediately on receipt of this catalogue.

The first one is from L. A. Clinton, di-

rector of the Connecticut Agricultural Experiment Station, Storrs, Conn.:

"Homer City, Pa.
"Dear Mr. Nix: I have just received a copy of your 1910 catalogue entitled 'Artificial Rearing of Poultry.' This is one of the best things of the kind I have ever seen. You are certainly to be congratulated on the high character of this publication."
The other letter is from F. Warren Sumner, proprietor of the St. Andrew Poultry Yards, Elizabeth, N. J., who writes:

"Dear Mr. Nix: I wish to congratulate you on the catalogue you have turned out this year, for it contains so much of especial value and interest aside from the advertising of your machines. I cannot see how it will fail to interest everyone receiving a copy."

This new book is quite a departure from the usual incubator catalogue, in that it tells how to succeed in hatching—how to rear them after they are hatched—goes into every detail of feeding, housing and caring for the little chicks—tells how to feed and care for laying hens—how to select layers, breeders—how to feed fowls for market—gives the results and experiences of the successful poultrymen—gives feed formulas and, in fact, more valuable information on poultry raising than we have ever seen in a book of this kind. You will be missing one of the best things of the year if you don't send for a copy of this book.

Among our new advertisers we wish to call your attention to that of Gratton &

tion close and strong. These gentlemen, with their large flocks of strictly first class birds, are in position to fill with satisfaction many orders this season, and we refer you to their ad with pleasure, as we know you will receive the most courteous treatment.

Among our new advertisers this month is the Longview Poultry Farm, J. Frank Carr, proprietor, located at Englewood Heights, in the suburbs of East Liverpool, O., who breeds S. C. Black Minorcas, and it has not been our pleasure for some time to visit as up-to-date a plant as this. We found his birds of exceptional quality, housed in Dr. Wood's Fresh Air Houses, and everything pertaining to both fowls and plant in general bespoke plainly the fact that here S. C. B. Minorcas received more than ordinary care and attention, hence the health and condition of his birds. This was fully demonstrated at the East Liverpool show recently, where he won 1st



Feeding and watering system as employed in Light Brahma pens and yards of River Home Poultry Yards, Perrysburg, Ohio.

rector of the Connecticut Agricultural Experiment Station, Storrs, Conn.:

"Homer City, Pa.
"Dear Mr. Nix: I have just received a copy of your 1910 catalogue entitled 'Artificial Rearing of Poultry.' This is one of the best things of the kind I have ever seen. You are certainly to be congratulated on the high character of this publication."

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"Dear Mr. Nix: I wish to congratulate you on the catalogue you have turned out this year, for it contains so much of especial value and interest aside from the advertising of your machines. I cannot see how it will fail to interest everyone receiving a copy."

Gratton, East Liverpool, O., breeders of the "Blacks and Whites"—R. C. Black Minorcas and S. C. White Leghorns. The gentlemen who form this partnership are the originators of the new chinaware trophy cup, which is bound to rapidly take the place of the old silver cup, but their fowls are just as beautiful and good as the new cups, consequently it is no surprise to find them winning heavily in the "Blue," their latest winnings being 1st and 2d hen, 1st and 2d pullet, 1st pen, 2d and 4th cocks and special for best display in the White Leghorns, and 1st cockerel, 1st and 2d hen, 2d, 3d and 4th pullets in the Minorcas, at the East Liverpool show, classes of both these breeds being well filled and competi-

hen, 1st and 2d cockerel, 1st, 3d and 4th pullets and 2d pen. He is offering some fine cockerels for sale and eggs from his birds at prices worth your consideration. Write him at once.

We beg to call attention to the advertisement of the E. M. Pusey Company, of East Liverpool, O., which starts in this issue. These gentlemen are conducting a business that is of interest to poultrymen in general, that of furnishing not re-built, but re-manufactured typewriters of any kind or make, at a saving to you worth careful consideration. Write for their free circulars.

Don't Waste Your Time Experimenting With Cheaply Built Machines

Send At Once for the Best Incubator Catalog Issued—Free



The Most Durable, Simplest, Surest Hatcher in Existence

Seventeen different sizes Incubators and Brooders with hot-water or hot-air heating system. Our ventilation system prevents chicks dying in the shell. Prices within reach of all. Quality outclassing every other make. For sixteen years the

Successful & Eclipse Incubators and Brooders

have given better satisfaction than any other machine on the market. Booklet, "Proper Care and Feeding of Chicks, Ducks and Turkeys," 10c. Up-to-date Poultry Paper, 1 year, 25c. Catalog free. Address

DES MOINES INCUBATOR CO.
1 2nd Street, Des Moines, Iowa

Pin Your Faith to the 16-Year Success

The Best In the World

Our machines are doing wonders at hatching in every state of the Union; wonderful results reported from the cold and low lands in Canada; the hot climate and high altitude in Mexico. From the dry country in Colorado and the damp atmosphere in the New England States, and hot South America; from 6,000 feet above the sea level in India; the mild climate in Australia; far eastern Japan and every country in Europe. We outatched them all—home, as well as all leading foreign makes.

We Have the Records to Prove This

WILL AN INCUBATOR PAY?

The answer is "yes" most decidedly if you get the right incubator and run it right. It takes about equal proportions of these two factors to get results.

What matters the utmost care if at a critical moment the regulator goes awry? Three weeks of careful attention and utmost vigilance may be lost in a single night.

The damage may be done more slowly, too. A door that does not close tightly, a joint that leaks in a little cold air may spoil egg after egg.

To make money you must not waste your eggs, oil or time. You cannot afford to fool with a poor machine. Did you ever stop to think that what a poor machine wastes for you would in a few hatches pay the difference on a first-class incubator?

Of all the hatching machines on the market there is none more dependable and reliable than the Victor Incubator

and Brooders. They are made by the George Ertel Co., of Quincy, Ill., whose ad will be found elsewhere in this issue. You will make no mistake in getting their machines. They have been selling incubators to the readers of American Poultry Journal for many years and we have yet to receive the first complaint. It will pay you to write to Ertel and get their new catalogue telling about their new side regulator, which leaves the top of the incubator clear. They have a much larger lamp than the usual, which runs the machine longer without attention. The cases of their machines are made with multiple walls and are thicker and stronger. These advantages all profit the buyer of the Victor.

We have the poultry fanciers who make the breeding of Barred Rocks a specialty, and it is to them we look for the most improvement in this grand old variety, that has stood the test of time against all comers. Some eight years ago Frank J. Over-

street, Kiowa, Kan., laid the foundation of Overstreet's "Best in the West" Barred Rocks, from which he has shipped birds to all parts of the United States, standing back of them with his guarantee "to please or no trade."

If you are interested in Barred Rocks of the "better kind," write for his catalogue and price list. Mr. Overstreet says he is careful not to make any assertions or promises he can not "make good," and right there is the corner stone of his success as a poultry breeder, and it is a pleasure to do business with that class of poultry breeders.

Goodes & Palmer, Marcellus, Mich., breeders of Buff and White Orpingtons, report the following winnings at the late Chicago show: On S. C. Buff Orpingtons, 2d and 3d cockerel, 2d pullet and 4th cock. On S. C. White Orpingtons, 1st hen, 1st pullet, 4th cock and 2d pen. Also silver cup for best cock, cockerel, hen and pullet. They purchased the 2d and 3d cockerel to head their best pens this season. This winning demonstrates that this firm has the right quality in their stock, and our readers would do well to look up their ad in this issue and write them for prices on stock and eggs. Mention American Poultry Journal.

Gus A. Lengfelder, of Mt. Vernon, Ill., writes us that he knows it pays to raise the right kind of poultry and advertise in the right poultry paper. He says the next day after he received the American Poultry Journal, containing his new ad, he got inquiries from various points in the United States. This speaks well for the American Poultry Journal and Mr. Lengfelder's fine birds. He breeds B. P. Rocks, Bronze Turkeys, Toulouse Geese and Pekin Ducks. See his ad in this issue.

Mr. B. Graham, Calcutta, O., won at the East Liverpool, O., show this season as follows: 1st cock, 1st hen, 1st and 2d cockerel, 1st, 2d, 3d and 4th pullets; 1st, 2d pens, special cup for best display for the third consecutive year, on S. C. Brown Leghorns. His cockerels scored from 94 to 94½, and females from 93½ to 95½, and cock bird 93½. Nothing more need be said when such winnings as these are considered. His ad appears elsewhere in this issue.

A. Bloom, of Rochester, Pa., captured from the East Liverpool boys, at their recent show, 1st cockerel in Barred Rocks, 1st cock, 2d pullet and 1st pen in S. C. Black Minorcas, his birds scoring very high. You may look to hear further from Mr. Bloom at coming shows this season, as he has the "stuff." Write him for prices.

We Have a Special Price and a Free Book Waiting for You

Will You Send a Postal For It?

WHY not get into the wholesale, down-to-bedrock-factory-price buying class this year? What's the use of paying the long profits? We'll make you a wholesale special agent's price on an Incubator and Brooder, direct, that will surprise you. Every man or woman going into the poultry business for profit should get this price and full particulars. We make Racine Incubators and Brooders—and sell them on liberal Free-Trial plan, freight prepaid. These machines have all good improvements. They are the result of 28 years of practical experience of the oldest Incubator and Brooder operator in the country. We've tried all kinds of incubators and all ways of hatching chickens. The RACINE way has brought us the best results and will do the same for you.

Our experience is all free to you with the Racine machines, and, with these machines, insure you absolute success. Why bother with uncertainties? 28 years gives a man lots of time to make all the tests. You get—free—the benefit of our successes to make your successes sure. Our machines are guaranteed to hatch more and healthier chicks than any other machine made—and the price—we'll fix the price right. Just give us the chance—both on our Incubator and on our hot-water Brooder. Write today for price and full information. Address

Racine Hatcher Co.

Box 26.

Racine, Wisconsin



Asbestos and Metal Covered

Grand Ckl. Sale!

The Greatest Quality Sale of Barred Plymouth Rocks for 1910

Aristocrat Cockerels

Sired by this magnificent cock bird, "Ringy," the sire of the world famous Prince Ringy, who is the finest barred male bird in the U. S. These cockerels are large, lusty, vigorous, and have simply exquisite color and barring. They will reproduce themselves and breed you

Show Birds

birds to win with. As the supply of these exceptionally choice quality birds is limited, you must hurry your order. Prices very reasonable. Write at once. Grand catalogue free.

W. D. Holterman, Fancier
Box 2 : : : Fort Wayne, Indiana



THEY LIKE THIS.

Women deserve consideration. Their days are long enough, full enough and hard enough under the best conditions. They appreciate everything that lightens their work. They like the simple, sanitary Sharples Dairy Tubular Cream Separator because it is a remarkable labor saver. The Dairy Tubular Bowl is so free from inside parts, so light, so easy to wash thoroughly clean. The accompanying picture shows all there is to it. Just as light, simple and easy as it looks. In the young woman's right hand is the bowl itself, as smooth inside as outside; on the little finger of the left hand is the tiny dividing wall—a smooth, instantly removable piece that slips into the upper end of the bowl and is used merely to assist in guiding the cream to the cream outlet—the only piece that goes inside the bowl; between the thumb and finger of her left hand is the bowl bottom, which screws into and thus closes the lower end of the bowl. A child

it? Use a little forethought this year. Don't wait until the chicks are dead. Do it now.

When the chicks are hatched put them into brooders the floors of which are well sprinkled with Dustyne. If you are using hovers put Dustyne plentifully under the hovers. If the chicks are to be raised with the cluck, dust her thoroughly with Dustyne before setting. Or if it is too late for that, dust her well before giving her the chicks and sprinkle Dustyne over the floor of the brood coop. Not very much work, is it?

And for want of a thought you might have let all of those future prize winners die.

We say again with the street car people—Better be safe than sorry.

J. J. Bleakley, Abilene, Kan., breeder of Buff Rocks, has made a wonderful record with his stock in the show room during the past season and reports that he has some choice breeders to dispose of. He has mated up some very choice pens and will supply his customers with eggs from the



Let Your Hens Judge

Their Verdict will be

"EGGS ALL WINTER FOR YOU, IF YOU FEED US FRESH CUT BONE."

There could not be any other verdict, because hens *must* lay if you feed them such egg-making food as fresh cut bone.

Two tablespoonfuls of fresh bone, cut in a HUMPHREY Always Open Hopper BONE CUTTER, will give you all winter more eggs than your hens lay in summer, and a total of 150 to 250 eggs a year per hen. Record-laying hens are cut-bone-fed hens.

Egg prices are highest now, yet your feeding bills, if you feed fresh cut bone, will be cut in two. Your butcher will give you bones.

Fresh cut bone, prepared in a HUMPHREY Always Open Hopper BONE CUTTER, and fed daily, will start your hens laying in about two weeks' time, and they will keep on laying.

Think of getting from 40 to 50 eggs a day from 70 hens all through the winter, and some days as high as 55 eggs? This is not an exceptional record for poultrymen who use the HUMPHREY BONE CUTTER—the only machine with an Always Open Hopper.

Send to-day for my new book with illustrations in colors. It is filled with Poultry Secrets and guaranteed Poultry Helps that will always help you make money on your poultry.

I also make the HUMPHREY CLOVER CUTTER, the HUMPHREY BROODER—the brooder that saves chick life—the HUMPHREY GRIT CRUSHER, HUMPHREY BONE and FEED MILL, HUMPHREY CORN SHELLER and other HUMPHREY POULTRY HELPS—but no poultry feeds or remedies.

**HUMPHREY, White Street Factory
Joliet, Ill.**

Economy Beef Scrap

Guaranteed analysis, 65% Protein. Why not feed the best and get better results from your poultry. Economy Beef Scrap is made from fresh beef trimmings cured by a special process, rendering it perfectly sweet and wholesome and without that fertilizer smell. Contains no hair, hides, tankage or other refuse usually found in the ordinary kinds. Keeps indefinitely.

Price, \$3.25 per hundred; \$1.75 per 50-lb. sack; F. O. B. Buffalo.

On order for 200 lbs. or more we prepay freight east of the Mississippi River.

Write for discount on quantity orders. Sample on request. Prompt shipments.

The Economy Meat Food Co. : : Buffalo, New York

MAKE YOUR HENS LAY
Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free.

WE PAY \$80 A MONTH SALARY
and furnish rig and all expenses to introduce poultry and stock powders; new plan; steady work. Address BIGLER COMPANY, 2309, SPRINGFIELD, ILLINOIS.



Crown Bone Cutter
Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa.

BEST MADE Lowest in Price

BETTY & SUNSWICK



S. C. BUFF ORPINGTON HEN.

Winner of first and special. Madison Square Garden, 1910. First prize, Baltimore, Md., 1910. Bred and owned by Sunswick Poultry Farm, South Plainfield, N. J.

can clean the entire bowl perfectly in three minutes.

The handsome 1910 catalogue of the Sharples Separator Co. explains the principles back of the invention of Tubular Separators and describes how this remarkably simple bowl easily generates sufficient skimming force to do the work required of it. You should write for this catalogue and mention this paper. Address The Sharples Separator Co., West Chester, Pa.; Chicago, Ill.; San Francisco, Cal.; Portland, Ore.; Toronto, Can.; Winnipeg, Can.

BETTER BE SAFE THAN BE SORRY.

This is a sign which the Chicago City Railway Company have placed prominently in their cars to warn their passengers to be careful. We would like to see that placard placed before every poultryman in the country who is hatching or who expects to hatch little chicks this spring.

What percentage of chicks did you lose last year of those you hatched? What percentage of that loss was due to lice, mites and insanitary conditions? It makes you sad and sorry even to think of it, doesn't

same pens as he expects to get his prize-winners from for next season. Write him and mention American Poultry Journal.

Rosemont Poultry Yards, Elmer V. Shultz, proprietor, Webster Grove, Mo., has been constantly advertising in these columns for a number of years, which proves that Mr. Shultz is in the business to stay, and his winnings during the past have demonstrated that he knows how to produce the good ones. At the late Missouri State Show, in one of the strongest classes of Single Comb Brown Leghorns ever gotten together, he won third cock, third cockerel and fifth pen, and at the late Kansas City Show, on three entries, he won first cock, fourth hen and second pullet. Choice pens mated for the season's trade. Write him and mention American Poultry Journal.

Lester Tompkins, Concord, N. H., the noted R. I. Red breeder, won shape and color special on male at the late Madison Square Garden show. See his complete list of winnings in the New York show report in this issue.

LULLABY BROODER.

The Lullaby Brooder, invented and owned by Messrs. Park & Pollard, of Boston, Mass., simplifies in a very marked way the brooding of incubator-hatched chicks. Practical poultrymen who have had an opportunity to see it in operation pronounce it the greatest invention in poultry appliances in the last quarter of a century.

It broods the chicks like a hen, and will take care of four times as many. No experience whatever is required in operating it, and as no artificial heat is used in its operation, it does not affect the insurance rates of the buildings adjacent to that in which it is used.

It is easily adjusted to the different stages of chick life, from the incubator to the colony coop. This is one of the features that the old-style brooder manufacturers could not anticipate. Brooders that provided the right heat and air conditions for baby chicks were much too small and stifling for three to six weeks old birds. The Lullaby Brooder literally rose with the chicks. It does away with the old trouble of "hover-breaking" by hand. The machine is so constructed that the chicks learn this themselves.

Another important point is the fact that it is the most sanitary brooder on the market. It is absolutely germ proof and greatly lessens the liability to bowel troubles. It can be used in any pen or house indoors, or it may be used as an outdoor brooder simply by providing a box to keep out the wet and snow.

It is sold delivered for the remarkably low price of \$1.50, all transportation charges prepaid, and the manufacturers agree to return the money and pay the return charges if you are not absolutely satisfied after seeing it.

AT THE MILWAUKEE SHOW.

Geo. H. Bie, the well and favorably known breeder of Barred Plymouth Rocks, has just made another grand winning at the Milwaukee (Wis.) Show, winning 1st, 2nd, fourth pullet; 2nd, 3rd, 4th hen; 3rd, 4th cockerel; 1st, 3rd pens, and all specials but one. Milwaukee is noted for the strong class of Barred Rocks that are shown each year, and win like this goes to prove that

Mr. Bie knows how to produce the right kind. Mr. Bie has been breeding Barred Rocks for a great many years and has won the blue at all the prominent shows in the West, and his stock is second to none. He has mated up a number of extra choice pens for this season and is now prepared to fill orders for those who want some extra good in this variety. He can also supply a few more of those extra choice breeders at reasonable prices, and if they are not satisfactory they can be returned at his expense and money will be refunded, therefore customers are not taking any risk when they order from him. Write him today and mention American Poultry Journal.

MOISTURE INSURANCE.

Millions of chicks die in the shell every year. If this loss could be covered by in-



urance, there would be an annual money-saving of several millions of dollars to the poultry raisers of this country. Ignorance

of the moisture question is the principal cause of this immense loss.

For years and years the so-called poultry authorities have written and debated upon this very important question. Theories were advanced and tested, but with the same result—dead chick in the shell, either drowned or dried up. Moisture gauges were devised and tried, with practically the same result. Everyone agreed, however, that a gauge or indicator was necessary, and finally an instrument was invented which was called a Hygrometer.

Realizing the importance of an absolutely reliable instrument for determining and regulating the moisture or humidity in the egg chamber of an incubator, the Taylor Instrument Companies of Rochester, N. Y., turned their experts to making such an article, and the Tycos Hygrometer is the result of their skill. The "Tycos" Hygrometer represents the same degree of accuracy as do their famous "Tycos" Thermometers. The same care, the same skill, the same sixty years of experience back of their thermometers, is also back of the "Tycos" Hygrometer.

Incubator manufacturers who are really desirous of protecting their reputation are equipping their machines with the "Tycos" Hygrometer as well as the "Tycos" Thermometer. Don't buy an incubator unless so equipped. Insist upon having the "Tycos." The "Tycos" Hygrometer is also sold by dealers in high-grade poultry supplies. "Temperature Facts Worth Knowing" is the title of a booklet issued by the above manufacturers. It's free. Send for it today, mentioning American Poultry Journal.

Every farmer will be interested in the new seed catalogue just issued by R. H. Shumway, Rockford, Ill. It contains hundreds of beautiful illustrations and is a perfect mine of information on all kinds of garden and flower seeds. Mr. Shumway has built up an immense business by giving every customer a fair deal and selling good seeds cheap. Send for his catalogue today.

In the strongest class of White Orpingtons ever assembled in America Lawrence Jackson, Hayesville, Pa., won second pullet and third with birds that have exceptional quality. He can please you with anything you desire in this variety. Write him and mention American Poultry Journal.

RED, RED REDS

—ROSE COMB REDS—

I breed Reds that are red to the skin, with the correct long-bodied type that is called for in the Standard. Hence they please the Judges and win in the strongest competition in the country. I not only raise a few good birds, but lots of them; to prove this I put out two strings of birds at the same time and my birds were

Winners at the Great Missouri and Oklahoma State Shows

At Enid, Oklahoma, State Show, a show of 3,200 birds in a hot class of Reds I won 2nd cockerel, 3d cock, 1st, 2nd, 3rd pullet, 1st pen, special for best shaped male, special for best colored male, special for best shaped female, special for best colored female, special handsome silver cup for best pen and special handsome silver cup for best pen in the show. This, the most coveted prize in the show, was awarded me by three Judges consulting together. These winnings clearly stamp my birds the best R. C. Reds in the Southwest. Read what Judge C. W. Zimmer says, "To Whom It May Concern—I awarded the above prizes to Mr. Robert Bretz, and I consider his birds exceptionally fine specimens and eggs from these birds are well worth the price asked—\$10.00 per 15. Respectfully,

C. W. ZIMMER, Judge."

Eggs from Prize-Winning Pens

Have mated up some grand pens, each one headed by a prize-winner, from which I will sell eggs for \$10.00 per 15. Eggs from farm range stock, \$2 per 15; \$10 per 100. Don't delay. Order today. Send for mating list and mention American Poultry Journal.

Robert Bretz

R. R. 3

El Reno, Oklahoma

EGG MAKER



I Have Ten Hens and Get Ten Eggs Each Day

by feeding "Lee's Egg Maker." Without waiting another day, go out and count your hens—count them carefully. For a week keep an accurate daily record of the eggs you get. The guarantee below means you.

WE GUARANTEE

that no matter what you are feeding, and regardless of the number of eggs you are getting at the present time, if **Lee's Egg Maker** is added to the daily ration—made a portion of it—the increased egg yield resulting therefrom will more than pay the cost of the Egg Maker, cost of labor required, and **100 per cent profit** on said labor.

We don't care what your hens are doing now, we ask you to buy Lee's Egg Maker on our **guaranty** of an increased egg-production at a **reduced** feeding cost. Could we make you a better proposition?

The amount of good **digestible** protein is what counts for results in poultry feeding, and America's big feeders say Lee's Egg Maker contains more **digestible** protein than any other poultry food they can buy.

Lee's Egg Maker is almost entirely a meat food and with an actual tested protein feeding value in excess of 80 per cent, and you'll find it in the essentials entirely lacking in other prepared poultry food. The best feeding authorities in the country endorse it—and use it. You can't afford not to feed it, whether you have 10 hens or 1000, the proportionate profit would be the same.

Price: 2½ lb. pkg., 25 cts.; 25 lb. pail, \$2.00. Ask your dealer or send direct to us. We pay freight in 100 lb. lots.

GEO. H. LEE CO.,

1101 Harney Street, Omaha, Neb.

General Agents in all principal cities. Write for name of one nearest you.

LEE'S GERMOZONE

PROTECTED BY A GUARANTY BOND.

The Bankers' Surety Company, of Cleveland, O., has put out an issue of bonds, backed by their entire capital and surplus, amounting to millions of dollars. The entire issue backs the guarantee of the Sure Hatch Company, of Fremont, Neb.

One of these bonds will actually be sent out by the Sure Hatch Incubator Company to every purchaser of a Sure Hatch Incubator. This company has always given a liberal guarantee with their machines. They will continue to send this guarantee with their machines, and with it you will get one of the surety bonds, backing up the guarantee.

The Sure Hatch is the only bonded incubator on the market. It is in a class by itself. There are others which look somewhat like the Sure Hatch, but they are not up to the Sure Hatch standard. We guarantee to hatch all fertile eggs in the severest weather.

You'll find it a great satisfaction to know you are holding a cash bond guaranteeing results when you have spent good money for an incubator.

Write to the Sure Hatch Incubator Company, at Fremont, Neb., and get full information about their bonded incubator before you buy a machine where you are compelled to take long chances. Investigate the real merits of the Sure Hatch, then buy.

Please mention American Poultry Journal when you write.

SCIENCE AGAIN AIDS THE FARMER.

Dollars and cents leak out through little rips and rents which are left unattended. All too often if the first little hole or break had been repaired it would have later saved the buying of a new pair of shoes, etc., etc.

Most of us appreciate the value of a timely stitch, but in case of need it is seldom that the proper facilities for repairing are at hand.

A clever man has solved this problem by inventing an awl which is a perfect little hand sewing machine. Small enough to be carried in the pocket, yet it makes a strong, durable lockstitch and will mend anything from a thin fabric to heavy shoe or harness leather.

By carrying it constantly one is prepared for all sorts of emergencies and it has the further advantage of being simple enough for a child to use.

Naturally such a handy little tool finds much favor with all thrifty farmers and, indeed, the makers—C. A. Myers Company, 6537 Woodlawn avenue, Chicago—are kept busy supplying the demand.

So many agents have pronounced it a "lightning" money-maker that a most interesting little book has been written about it. To any reader of this paper who requests it a copy of this book will be sent free.

H. E. Challis, South Danville, N. H., breeder of Single Comb Buff Orpingtons, won at the late Boston show on six entries, 4th cock, 5th hen, 4th cockerel, 5th pullet and 2d pen. Mr. Challis was also a winner at Madison Square Garden in 1908-9. In another column of this issue you will find his ad. Look it up and write him for full particulars. Mention American Poultry Journal.

H. L. Logue, Neponset, Ill., breeder of Bred-to-Lay White Wyandottes, reports that his farm range flock, consisting of 100 early hatched pullets, has given him an egg yield during the past month of about 50 per cent, and that he will sell eggs from this flock, as they run, for \$5 per 100. This is a good opportunity to get started at a small cost with a good laying strain. Mention American Poultry Journal when writing him.

You can buy fence at wholesale prices—14½ cents a rod up—if you write Kitselman Brothers, of Muncie, Ind., for their free catalogue. See their ad in this issue.

Is the Best Roup Cure I Have Ever Tried

Among the many who say that are a lot who never thought Germozone would do it. Geo. H. Lee knew what Germozone would do before he placed it on the market. It is so good that users are not tempted to accept a substitute. No one ever found anything so good. The reason is plain—Germozone has no equal.

500 HENS SAVED

A Missouri poultryman writes that 8 bottles of Germozone saved his entire flock of 500 hens from Roup. Less than one cent per hen. A Pennsylvanian writes that Germozone would be cheap at \$5.00 a box—and it will do for you what it has done for others. This advertisement is addressed to you. We want your poultry to make more money for you. We want you to recognize the importance of healthy poultry. The health of the chick or the hen is as important to it as your own health is to you. Ever stop to think about it? Perfect health is necessary for positive profit. Try Germozone and test every statement made here. No need to buy a substitute. If your dealer cannot supply you we will mail it to you, postpaid, on receipt of price—50 cts.—and will include free a copy of "Chicken Talk," written by Mr. Lee himself.

GEO. H. LEE CO.,

1101 Harney Street, Omaha, Neb.

General Agents in all principal cities. Write for name of one nearest you.

Germozone is a tonic; a bowel regulator. Not an infallible cure for every disease of poultry, but admittedly the best preventive and cure for all poultry diseases.

EVERY POULTRY RAISER should read the valuable new book, by R. R. Root, "The Truth About the Moisture Problem"

It gives the reason for the excessive "drying" of eggs under artificial incubation. It tells how to hatch big—strong—healthy chicks—that grow and thrive. Tells why so many eggs fail to hatch.

This book,—together with a booklet on "Artificial Incubation and Brooding," sent postpaid for 25c (coin or stamps). THE ROOT INCUBATOR CO., Box 19 CLEVELAND, OHIO

BIG PROFITS

result when chickens are free of mites and lice. Use

AVENARIUS CARBOLINEUM (REG.)

for cleaning poultry houses once a year. Write for circulars. Carbolineum Wood-Preserving Co., Dep't 50 Milwaukee, Wis.

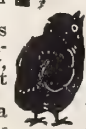


Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

I will sell 2 sittings of full blood Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. Full blood White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandottes or W. Orpington or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting; by the 100, \$7. Large Bronze or White Holland Turkey Eggs, \$3 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs. 100 egg Old Trusty Incubator, and 100 Chick Brooder, delivered at your R. R. station, both for \$14 each of the Rocky Mountains. This is a rare chance to get a start of extra fine stock and a good incubator. Send Post Office order on St. Louis and have your orders booked early.

W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) KIRKWOOD, St. Louis County, MO.

Poultry Supplies



As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi River we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and EGGS FOR HATCHING. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write at once.

Iowa Seed Co., Dept. 2 Des Moines, Ia.

WHITELASHING

and disinfecting with the new

"Kant-Klog" Sprayer

gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free. Address

Rochester Spray Pump Co.
36 East Av., Rochester, N.Y.

HURST SPRAYER

ON FREE TRIAL

No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. Guaranteed 5 years. Pay when you can—at wholesale price. We pay freight. Catalog and Spraying Guide free.

Free Sprayer Offer to first in your locality.

H. L. HURST
Mfg. Co., 531 NORTH STREET, CANTON, O.

AS POTATO SPRAYER — AS ORCHARD SPRAYER

THE NEED OF EVERY DAIRYMAN

both large and small, has certainly received careful consideration by the American Separator Company, whose latest introduction in cream separators has created a wonderful interest, for while good machines have been sold at less than \$100, it was regarded, by those supposed to be in a position to give an opinion, as absolutely impossible to make and sell a separator for very much less. This idea, however, has been ruthlessly demolished by the American Separator Company offering a complete, up-to-date, well-made cream separator for \$15.95, guaranteed to skim equal to any separator made, no matter how much more it costs. Certainly at this price everyone owning a single cow or more will have a separator.

These machines are shipped on a good liberal trial and freight charges paid both ways if you do not find it ahead of any other separator. It is easy to operate, any woman or fairly grown child being able to run it sitting down. It skims one quart a minute and is just the thing for a small dairy, hotel, restaurant or private family. It will make more and better butter; will make thick or thin cream by merely turning a small screw and will purify the milk by extracting all the foreign substances contained therein. To one who does not know, it will be a revelation to see what stable refuse milk contains, too fine to be caught

in a strainer, but which this separator completely removes.

The machine being made and sold by the oldest exclusive manufacturers of hand cream separators in the United States is of itself an assurance of genuineness, and our readers need not for one moment hesitate to approach them; in fact, everyone interested at all in cows should write the American Separator Company, Box 1158, Bainbridge, N. Y., for their \$15.95 proposition. They will send it free, postpaid, together with their handsomely illustrated catalog describing their full line of separators of all capacities and also explaining their system of selling direct to the user, saving all agents' and middlemen's profits. The value offered will surprise you and you will realize how this company has studied and worked to produce a machine especially suitable in capacity and price for the small dairyman whose use of a separator heretofore has been largely prohibited by the high prices asked for large capacity machines.

A NEW "MODEL."

The Model Incubator Co., of Buffalo, N. Y., are calling attention to their Model "B" Incubator, designed for those who are just starting the poultry business or who do not feel that they can afford to purchase one of their standard machines at retail from \$16 to \$48. The Model "B"

Incubator is not made to meet competition with cheap machines on the market, because it contains all the advantageous features of a high-grade machine. The saving of price is due to making the entire outer case with the exception of the front of enamel sheet iron and making the incubator in large quantities so that the cost of production is very low.

They have not advertised it extensively because they have waited to test it out thoroughly before offering it as a high-grade model incubator. Experiments prove that this machine is guaranteed to give excellent results. It is equipped with famous Model Corrugated Leaf Thermostat, accurate Model Thermometer, heavy insulated galvanized iron heater, lamp, etc., except the 50-egg size, which has a double disc regulator.

It has double walls, air space between, well packed with a good non-conductor. The front is finished in chestnut wood and the machine presents as good an appearance as many high-priced machines on the market.

Complete description and further particulars can be had by addressing Model Incubator Co., Buffalo, N. Y.

A CHANGED QUOTATION.

First the tree, then the sprayer, then the full fruit, is not exactly a correct quotation—how many of our readers can give it?—but it is a correct statement of modern orchard conditions necessary for a big crop.

Every orchardist knows that he must protect his fruit trees from insects, blight and similar pests or he will not have enough fruit for small boys to club. Happily it is possible to buy sprayers of any size for any purpose, or, more truly, for every purpose. Thus the Hurst Manufacturing Company will send you any sprayer they make—from the barrel size up to the mounted wagon sprayer—upon your asking for the one you need.

The price is reasonable, and payment is made still easier by the fact that you do not have to pay until after you have gathered your crop. Then, the increased crop will generally be enough to pay for the sprayer and leave you a profit besides.

Our readers who are familiar with the Hurst sprayers will be interested particularly in a mounted sprayer which has been added to their line, thus completing this excellent line, and giving a sprayer suitable to the largest orchard or garden as well as the small.

In another column will be found a fuller announcement of the unequalled offer made by the Hurst Manufacturing Company, and it will certainly be the part of orchard or garden culture wisdom to send for their complete catalogue—a new edition of which has just been printed. Besides full descriptions of the different sprayers this book is a compendium of valuable information to every grower.

Send a postal today for your copy to the Hurst Manufacturing Co., Canton, Ohio.

NOT 15% FUEL SAVING, BUT OVER 75% FUEL SAVED BY THE CANDEE HOT WATER BROODER SYSTEM.

Through clerical error in copy the January advertisement of the Candee Hot Water Brooder Co. stated that their system is 15 per cent cheaper than oil to operate. As a matter of fact, experimental work shows that where brooding with oil heaters costs \$16 for oil, in the Candee system the hot water heater consumes but \$1 worth of hard coal. This means that the Candee Hot Water Brooder Heater is fifteen times cheaper than oil.

The Candee Hot Water Brooder Co. have recently installed two large brooding systems for G. K. Gillette, Central Valley, Conn., "The Sugar Brook Farm."

Other recent installations have been made for—

The Yesterlaid Egg Farm Co., Pacific, Mo.
H. F. Meister, Nursery Mo.
H. C. Brummer, Suffern, N. Y.
W. H. Graurmer, Howell, Ind.

PARTRIDGE PLYMOUTH ROCKS.

S. A. Nofztger, Manchester, Ind., the originator of Partridge Plymouth Rocks, is preparing a book on the origin and history of this variety, which will be ready for mailing in a short time. If you are interested in this beautiful variety of fowls send him 10 cents for a copy.

"ENTERPRISE"

MEAT AND CHOPPER

The most useful of kitchen helps—an invaluable aid in sausage making. It actually cuts anything that goes through it—meat, fish, vegetables, fruit, etc. Strong and simple. Made in 45 sizes for hand, steam, and electric power. No. 5, small family size, \$1.75. No. 10, large family size, \$2.50.

Also makers of "ENTERPRISE" Bone, Shell and Corn Mills, Sausage Stuffers and Lard Presses, Coffee Mills, Raisin Seeders, Fruit, Wine and Jelly Presses, Cherry Stoners, Cold Handle Sad Irons, etc.

The "ENTERPRISE HOUSEKEEPER" contains over 200 recipes. Sent anywhere for 4 cents in stamps.

The Enterprise Mfg. Co. of Pa., Dept. 33 Philadelphia, Pa.



Look for name "ENTERPRISE" on machine you buy.

Leg Bands For Marking Poultry

Get our samples and prices before buying. Largest and best line on earth.

Smith Sealed—Used by America's Leading Fanciers. Prices—12, 30c;

25, 50c; 60, \$1.00; 100, \$1.50; 250, \$3.50; 500, \$6.50; 1,000, \$12.50.

Sealers—Black, 50c; nickel-plated, 75c.

Leader Adjustable—Smoothest and most secure fastening ever invented. Postpaid—12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Send stamp for sample and catalog listing other styles.

KEYES-DAVIS COMPANY, Ltd., Mfrs., Dept. 502, Battle Creek, Mich., U.S.A.



Do You Want a World's Champion Incubator?

At a recent incubator trial conducted by the Government Poultry Expert at the New Zealand International Exposition, a Reliable Incubator made the World's Hatching Record. When you buy a Reliable Incubator you have the World's Champion Incubator, and made by the House of Quality.

Reliable Incubators have won 648 prizes at international exhibitions and incubator contests in this country and throughout the entire world.

We build incubators different from most makers. We make the whole incubator—everything in our own factory—the largest of its kind in the world.

We have made incubators for 28 years and had years of experience in the poultry business before that, so Reliable Incubators have something more in them than just quality. They have success guaranteed.

You ought to get the "Reliable" book that tells all about incubators—the Reliable Incubators especially. It tells all about poultry raising, too. There isn't any other book like this, and there isn't any other incubator like the Reliable. Don't buy an incubator till you read it.

We Want to Sell You

Write for book now—it's free.

RELIABLE INCUBATOR & BROODER CO., Box C1, Quincy, Ill.

The Reliable

(2)



28
Years
of
Success

"QUEEN INCUBATOR MAN" MAKES INTERESTING DIS- COVERIES.

Sixty-two out of every hundred buyers of good incubators do so well that they add more incubators and raise more chickens in a short time.

Seventy-six out of every hundred incubator beginners, attracted and misled by low-price talks, buy poor incubators the first time and then buy good ones.

Twenty-four out of every hundred beginners buy good incubators at the start.

These interesting deductions are given us by Mr. P. M. Wickstrum, familiarly known to poultry readers as the "Queen Incubator Man." He is a widely recognized authority on poultry and incubator matters. The figures are based on his last year's sales, which were so large as to be a fair basis on which to judge general incubator conditions.

While Mr. Wickstrum has always been a persistent advertiser and given his customers the most liberal terms—free trial, freight paid, factory price, long time guarantee, etc.—he says that in the end his success in selling Queen Incubators is really due to his customers' success in using them. This must be correct, or he could not have sold 62 per cent of his last year's output to people who, at the time of ordering, were already using Queen Incubators.

It is important to note that a large percentage of poultry beginners are still being lured by loud talk into buying poor machines, and then, from the experience they get, they buy good ones. Such a proceeding, it seems to us, is entirely unnecessary and certainly rather expensive. Any good incubator is a big money maker and there are a number of good ones to be had at a reasonable cost. Beginners and others will do well to consider what they are getting as well as what they pay.

If you do not want to experiment with incubators, you will do well to investigate the "Queen." We know of none better and we know Mr. Wickstrum to be one of the fairest and most reliable men you can deal with. He will take pleasure in sending you his latest books on incubation and helping you, without charge, in any way he can, to make increased profit this year from your poultry.

We urgently advise every reader to consult Mr. Wickstrum and get his free book before making a final purchase of an incubator. Just address him as in his advertisement in this paper—"Wickstrum, the Queen Incubator Man," Box 4, Lincoln, Neb. Mention our paper if you wish.

UNEXCELLED STRAIN AS BRED BY F. GAGE CUTLER, CARTHAGE, ILL.

There are a very few breeders that have made more strenuous efforts in the past few years to produce the greatest combined laying and winning strain of fowls than F. Gage Cutler, of Carthage, Ill. To begin with he spent a large sum of money to secure a number of the very best birds he could secure from some old reliable breeders that had been breeding their birds for great egg production and for the highest standard requirements. Since then he has been using every effort to produce a strain as near ideal as he can, which is his great ambition.

His specialties are Barred and White Rocks, White Wyandottes, Buff Orping-

tons, Bronze and Bourbon Red turkeys, Pekin and Indian Runner ducks. They are bred on two 80-acre farms, where the young stock has fine chance for development.

In his yards he has many birds scoring 95 to 96½ by such judges as Russel, Hale and others. His White Rock cock bird, value \$1,000, is surely a wonder. He scored 95½ by Russel and out of this was cut ½ on "dirty feathers." The bird was taken to the show, not being conditioned at all, as Mr. Cutler knew him to be a winner and did not have the time to condition him. If he had been conditioned as many condition their birds, Mr. Cutler thinks he would have scored 96½ to 97 points. He

ary to close out his surplus stock and on eggs ordered early and part paid on the order so he will know about how much breeding stock to retain.

And one interested in Mr. Cutler's specialties should write him about his birds or send for his free catalogue. He is always glad to answer inquiries. Our paper is the only paper he has a large add in this month. He tells that in the future he will not advertise with many papers and will give his customers the advantage of this saving, as he has found through experience that he gets far better and cheaper advertising by pleasing his customers and letting them do the advertising for him.



WHITE PLYMOUTH ROCKS.

This pair, valued at \$1,500. Owned by F. Gage Cutler, R. 13, Carthage, Ill. They are wonders. The hen having won at Madison Square Garden, Jamestown Exposition and Minnesota State Shows. The cock scored 95½ by Russel after being cut ½ on "dirty feathers."

also has some New York, St. Louis, Minnesota, Iowa State Fair and state show winners in his yards, both in White Wyandottes and White Rocks. He also has some great birds in his Barred Rocks and Buff Orpingtons, although he has not spent so much time in showing them. However, he has some birds that will make great winners and they have been bred for the greatest possible egg production for years.

His bronze turkeys have won at Madison Square Garden, Missouri state show, Iowa State Fair and such shows, and he feels as if he has as fine turkeys as can be found in the United States.

He makes special inducements for Febru-

See his ad on another page and write him for further particulars.

In a strong class of Reds at the East Liverpool, O., show this season I. S. Bailey won first cockerel, having made only two entries, while in his yards are to be found many other good classed birds. Look up his ad elsewhere in this issue.

If you want to save money on your purchase of fence write Kitzelman Brothers, of Muncie, Ind., for their free catalogue. They are selling fence direct to the farmer on 30 days' free trial for 14½ cents a rod up. See their ad in this issue.

Why Poultry Pays.

How to Make It Pay.



BY
MORGAN BATES.



Price, 50 Cents

PUBLISHED BY
AMERICAN POULTRY JOURNAL,
358 Dearborn Street,
CHICAGO, ILL.

WHY POULTRY PAYS AND HOW TO MAKE IT PAY

A book for the beginner in poultry raising and for those engaged in it who are interested in securing from the business the greatest profit obtainable. This book tells you how to start right, how to succeed with poultry, how to line breed, how to win at the shows, how to breed and prepare fowls for market, how to feed for the production of eggs. Also contains a chapter on Poultry Diseases and simple remedies for same. Gives instructions on incubators and brooders and much other valuable information, and is profusely illustrated with ideal drawings of Standard fowls.

We are selling this book at the popular price of 50 cents. This book and one year's subscription to American Poultry Journal for only 75 cents. Send all orders to

AMERICAN POULTRY JOURNAL PUB. CO.
358 DEARBORN STREET CHICAGO, ILLINOIS

Poultry Books

Your Choice of Any Poultry Book Listed Below is Given Free For Subscriptions

A 25-cent book for 1 subscription. A 50-cent book for 2 subscriptions. A 75-cent book for 3 subscriptions. A \$1 book for 4 subscriptions. A \$1.50 book for 6 subscriptions.

These books are offered to give you a chance to obtain one or all of these books without spending one cent of your money.

Get your neighbors interested in the American Poultry Journal, have them subscribe through you, and send us their subscriptions. Select any of the following list of books for your time and trouble and same will be sent to you at once.

Subscription prices, United States and Mexico, 50 cents a year; Canada, 75 cents, and foreign, \$1.

MISCELLANEOUS.

American Bird Fancier. By Brown and Walker. (For the song bird fancier).	\$0.50
American Standard of Perfection.	1.50
A Living from Poultry.	.25
A Treatise on Food and Egg Production.	1.00
All About Broilers and Market Poultry Generally.	.25
American Fanciers' Poultry Book—Paper, 50c; cloth.	1.00
Artificial Incubating and Brooding.	.50
Asiatics.	.50
Bantam Fowl.	.50
Belgian Hare Guide.	.25
Belgian Hare Course of Instruction.	4.00
Biggle Bee Book.	.50
Biggle Pet Book.	.50
Biggle Poultry Book.	.50
Book on the Hamburgs.	.50
Broilers and Roasters.	.50
Canary Birds (110 pages).	.50
Capons for Profit (Greiner).	.50
Chick Book.	.50
Don't Kill the Laying Hen (Potter System).	1.00
Duck Culture (Rankin).	.50
Ducks and Geese.	.75
Eggs and Egg Farms.	.50
Egg Question Solved (T. F. McGrew), paper, 25c; cloth.	.50
Egg Record and Account Book.	.25
Farm News Poultry Book.	.25
Farm Poultry (George C. Purvis).	1.35
First Lessons in Poultry Keeping, Series 1.	.50
First Lessons in Poultry Keeping, Series 2.	.50
500 Questions and Answers (Darrow).	.25
From Shell to Show Room.	.50
Guinea Culture.	.25
Hand Book (contains valuable recipes and trade secrets, feed care and management in health and disease.) (Pocket size).	.15
Handy Egg Record and Poultry Account Book.	.25
How to Grow Chickens (T. F. McGrew), paper, 25c; cloth.	.50
How to Make Poultry Pay (New). (Contains 8 colored illustrations.)	1.00
How to Raise Poultry for Pleasure and Profit.	.25
Incubator and Its Use.	.25
Leghorns.	.50
Little Chicks.	.50
Making Poultry Pay (Edw. C. Powell), (Cloth).	1.00
Minoras of Every Comb and Color (Northrup).	.50
Money in Hens.	.25
New Egg Farm, 331 pages (cloth) (H. H. Stoddard).	1.00
999 Questions and Answers (Heck).	.50
Origin and History of All Breeds of Poultry (containing colored illustrations of 198 different birds and mating of the breeds).	1.00
Perfected Poultry of America. 257 pages, 107 full page plates.	2.50
Pheasant Farming.	.25
Philo System.	1.00
Philosophy of Judging Fowls.	1.00
The Plymouth Rocks, All Varieties.	1.00
Plymouth Rocks (T. F. McGrew), Paper, 50c; cloth.	1.00
Pocket Money Poultry (N. U. Norry).	.50
Poultry Craft.	1.50
Poultry Feeding and Fattening (G. B. Fiske).	.50
Poultry Keeping in a Nutshell.	.50
Poultry Lessons for the Amateur.	.25
Profitable Care and Management of Poultry.	.50
Profitable Egg Farming.	.50
Profitable Market Poultry.	.50
Profitable Poultry Farming.	.25
Profitable Poultry Feeding.	.25

Profitable Poultry Keeping, All Branches.	.50
Profits in Poultry (cloth).	1.00
Profits in Poultry Keeping Solved.	1.00
Quimby's New Bee Book, 271 pages (L. C. Root), cloth.	1.00
Rabbit.	.25
Rackham's Poultry Directory.	1.00
Rules of the Cock Pit.	.25
Secrets of Expert Exhibitors and Easy Lessons in Judging (Heck).	2.00
Standard Wyandottes in Colors and How to Judge Them.	1.00
Successful Poultry Culture for Pleasure and Profit.	1.00
Successful Poultry Keeping.	1.00
Success with Poultry.	1.00
System in Poultry Practice.	1.00
Tricks of the Poultry Trade and Poultry Culture, 1 yr.	.60
Turkey Culture.	.50
Turkeys and How to Grow Them (154 pages), cloth.	1.00
Turkeys, Their Care and Management. 200 Eggs per Hen per Year (Warren).	.75
\$2 a Day from Poultry and Eggs.	.50
Twelve Months in the Poultry Yard (Theo. Wittman).	.25
Winter Eggs.	.25
Why Poultry Pays and How to Make it Pay. A book for the beginner, full of valuable information and drawings.	.50
Wyandottes (T. F. McGrew), paper, 50c; cloth.	1.00
Wyandottes (by various authors).	1.00
DISEASES AND CURES.	
Hand Book (pocket size).	\$0.15
Common Sense Poultry Doctor.	.50
The Diseases of Poultry (by D. E. Salmon), paper, 50c; cloth.	1.00
Farm Poultry Doctor.	.50
Facts about White Diarrhoea (Woods).	1.00
Poultryman's Formulary (Woods).	1.00
Reliable Poultry Remedies.	.25
POULTRY HOUSES AND PLANT CONSTRUCTION.	
Cement Worker's Hand Book.	\$0.50
The Feather's Up-to-Date Poultry House.	.25
How to Build Poultry Houses (complete diagrams).	.50
Wittman's Curtain Front Fresh Air Poultry House Plans.	.50
Practical Poultry Houses and Fixtures (A. T. Hunter).	.50
Poultry Appliances and Handicraft (G. B. Fiske).	.50
Poultry Architect.	.25
Poultry Architecture (G. B. Fiske).	.50
Poultry House and Fixtures.	.50
Poultry Plant and Construction.	1.00
Profitable Poultry Houses and Appliances.	.50
PIGEONS.	
All About Pigeon Breeding.	\$0.50
Breeding and Training of Homers.	.25
Diseases of Pigeons (Summers).	.50
Fancier's Loft Registers and Pedigree Books.	.50
Feathers' Practical Pigeon Book. Paper, 50c; cloth.	1.00
Feathers' Practical Squab Book. Paper, 50c; cloth.	1.00
Homing Pigeon. Paper, 25c; cloth.	.50
Money in Broiler and Squabs (Boyer).	.50
Money in Squabs. Paper, 50c; cloth.	1.00
National Standard Squab Book.	.50
The Pigeon.	.25
Pigeons (Frank Foy).	.50
Pigeons and All About Them.	1.00
Pigeon Keeping.	.50
Poultry and Pigeon Raising.	.25
Pigeon Queries (Twombly).	.25
Pigeon Standard (Twombly).	.50
Squabs for Profit (Rice and Cox).	.50
Working Homer.	.50

THE WINONA FARMS.

A Successful Pennsylvania Plant That Is Coming Into Prominence.

After paying a visit to these farms a representative of Poultry Item says: "This is a day of big things in the poultry world. We hear of large plants starting all over the country, but we want to call the attention of our readers to the fact that the Winona Farm is not a new plant in one sense of the word. Like the start of an



W. K. WIXSON,

Owner of the Winona Farms, Lansdale, Pa.

oak tree, it grew from a little acorn until today it covers many acres, devoted to the development of the Single Comb Rhode Island Red and Single Comb White Leghorns. The plant is located near Lansdale, Pa., practically in the suburbs of Philadelphia, and on account of its easy access is visited by many people.

"A number of years ago Mr. Wixson, the proprietor, started in the poultry business with only a few birds, of which he made a careful study in addition to keeping an account of the expenditures and the income. He discovered that there was money to be made in the poultry business. He then set to thinking about the best kind



F. E. STEIGER,

Manager of the Winona Farms, Lansdale, Pa.

of a poultry farm to establish and was puzzled at first to decide whether it would be for exhibition stock or an egg farm. After much careful study, figuring and experimenting, he came to the conclusion that a flock of line-bred birds, that were bred for heavy laying, vigor and vitality, that had exhibition qualities, was what he wanted. He went to work building up his Single Comb White Leghorns and Single Comb

Rhode Island Reds precisely along this line. How well he succeeded and how near he hit the mark he was aiming at can be better told by a visit to the plant than in writing. Having had the pleasure of visiting the plant in October, I was very much surprised to find such a large and prosperous plant within twelve miles of where the item is published and within thirty-five minutes of Philadelphia. But, as previously stated, Mr. Wixson worked along quietly and carefully, perfecting his birds and increasing his plant and equipment according as business warranted, until today he has one of the finest and best equipped plants in Pennsylvania. It is stocked with a lot of birds that for quality, vigor and vitality have no superiors. It is difficult to say just what variety Mr. Wixson excels in, but we cannot help but praise his Reds, which constitute a flock of evenly colored birds that will produce beyond all doubt more than a fair percentage of exhibition specimens. The birds are carefully mated and selected; no culls on the place. It is the intention of the management here to give the customer the chance to raise show birds by selling them eggs for hatching and baby chicks from the same matings that they use themselves, and in this we can heartily endorse them. The plant is beautifully located on high ground and young stock is grown on free range and quartered in colony coops over the farm.

"We could not help but admire the excellent order of the stock, plant and buildings under the care of Manager F. E. Stieger, an experienced, down-to-date poultryman, who has grown up in the business and largely through his efforts, knowledge and ability has placed the Winona Farm in a prominent position before the poultry world. He has met and overcome keen competition at such shows as Trenton and Norristown. We are positive a visit to the plant of the Winona Farm will be money well spent and valuable information gained. They have also taken the eastern agency of the Norwich Automatic Feeder Company and are doing a large business in feeders."

AT THE ST. LOUIS SHOW.

Bickerdike's pedigreed White Rocks gave another evidence of their high quality as exhibition birds at the great Missouri State Show held at St. Louis, December, 1909. This great show holds the world's record for number of birds shown in an exclusive poultry show, and in such a show as the St. Louis show, with 5,500 birds in competition, many valuable birds must necessarily go without any prize.

The White Rock class was one of the strongest in the show, and represented 33 breeders, some of whom have been exhibitors at the nation's greatest shows. The class included birds that had previously won the blue at such shows as Chicago, Indianapolis and other great shows. Competition was so keen that birds valued at \$250 did not get so much as a fifth prize.

In this strong class Mr. Bickerdike won 3d cockerel, 5th pullet, 1st and 4th pen. His first pen was headed by his cockerel that won first at the Illinois State Fair in October, 1909, and was a pen of such quality that Judge Russell commented on the excellent mating and correct type of the four pullets included in the first pen.

This St. Louis winning adds another proof that the Bickerdike pedigreed White Rocks are unequalled in quality, and Mr. Bickerdike is to be congratulated on his

success in the showroom this season, having previously made a clean sweep at the Illinois State Fair with his pedigreed White Rocks. Every bird shown by Mr. Bickerdike in both of these large exhibits was produced by him, and he has a written pedigree for each bird, showing the sire and dam for several generations back.

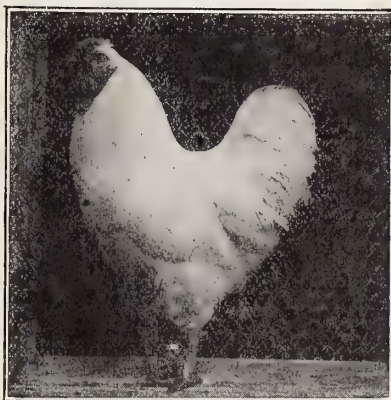
Mr. Bickerdike has a grand bunch of breeding stock for sale that are pedigreed,



WHITE WYANDOTTE.

Cockerel heading third prize pen, Philadelphia, 1909. Owned by Harry W. Britton, Moorestown, N. J.

and has just issued an illustrated circular concerning his pedigreed White Rocks, and



WHITE WYANDOTTE.

Third cockerel and special for best shaped male at Philadelphia, 1909. Bred and owned by Harry W. Britton, Moorestown, N. J.

anyone interested in this popular variety will do well to write for this free circular to Mr. J. A. Bickerdike, Box A, Millersville, Ill.

We lead, others follow.

A GREAT VICTORY AT NEW YORK AND BALTIMORE.

Bird Bros., the Bronze Turkey and Partridge Wyandotte specialists, of Meyersdale, Pa., have spent the last two weeks exhibiting their fine birds at the great eastern shows, Madison Square Garden, New York, and Baltimore, and by their winning have again proven their claim, "America's Leading Winners."

The turkey and Partridge Wyandotte classes at both shows were large and of the very best quality. The turkey and Wyandotte judges pronounced the quality the best; J. C. Kriner, the turkey judge, considered the turkey display the best ever held in the Garden, and the best he ever saw.

Their winnings at New York were, on turkeys, 1st, 3d and 5th cocks; 1st, 3d and 5th hens; 1st, 2d, 3d and 4th cockerels, and 3d and 4th pullets.

On Partridge Wyandottes, 3d and 4th cocks; 2d, 3d and 4th hens; 1st, 4th and 5th cockerels, and 2d, 3d, 4th and 5th pullets.

Their winnings at Baltimore were, on turkeys, 1st, 2d and 5th cocks; 1st, 2d and 3d hens; 1st, 3d and 4th cockerels, and 1st, 3d and 4th pullets.

On Partridge Wyandottes, 1st, 2d and 3d cocks; 1st, 2d and 3d hens; 1st and 2d cockerels, and 3d and 4th pullets.

They won 24 premiums on 29 entries at New York and 27 premiums on 29 entries at Baltimore, including 5 specials.

The above victory at America's greatest show is one that any poultryman can well feel proud of. The boys have made a record at Madison Square Garden during the last four years that stands without a peer in their varieties. These winnings surely mean quality. They report their best birds yet for sale, etc., etc.

VICTORS AGAIN.

Sheppard's Famous Anconas were again prominent among the winners at the big show held at Madison Square Garden, New York City, last month.

We are pleased to compliment H. C. Sheppard, Berea, Ohio, on his grand record at this big show.

In 1907 he won all the first and second prizes. The following year he fared almost as well, losing but one first. Again this year his birds were invincible, winning four firsts and three second prizes, proving beyond a doubt a clear claim to the world's best Anconas.

Mr. Sheppard's fame as an Ancona breeder is well known from coast to coast, in Canada and Mexico.

A visit to his poultry parks convinces anyone of the prudence of the large number of Ancona breeders who are sending to Mr. Sheppard for stock and eggs, as he has just the kind you want, if you desire to build up your flock for exhibition or utility purposes.

Charles Nixon, Washington, N. J., reports that he is now prepared to book orders for eggs from the best matings he has ever had. Charley has been breeding White Wyandottes for a good many years and has a strain that is second to none in this country, and you can depend on getting just what you order. Write him and get acquainted. He is always pleased to hear from our readers, whether they order or not.

240-Egg Reliance Freight Prepaid \$10.00

OVER 200,000 have succeeded with this machine, and now it is still further improved. Metal-covered all round—front, back, and sides, top and bottom—high-grade galvanized iron. Also metal legs and metal lamp. The **safest** incubator built; the easiest to heat; the surest to keep at exactly the right temperature. Simple as A B C; self-regulating; self-ventilating. Lumber Walls, dead air space, insulating walls, metal walls and double wooden doors—metal-covered. All complete, ready to start your hatch; no extras to buy, and freight prepaid.

Read Our FREE Book For Your Profit

The best Guide to poultry success published. A money-saving market place for Incubators, Brooders, Poultry Supplies and Thoroughbred Poultry. Contains our guarantee and tells why we can quote prices way below others. Remember, this is a 240-egg machine for \$10, and we pay the freight to points east of Missouri River and north of northern line of Tennessee. If you live further, write for delivered price to you. Don't order a thing in the poultry line till you get our book and prices.

PRICE LIST--Freight Prepaid

240-egg Incubator.....	\$10.00
175-egg Incubator.....	8.00
120-egg Incubator.....	7.00
100-chick Outdoor Brooder.....	6.00
100-chick Indoor Brooder.....	6.00

RELiance INCUBATOR CO., Box 550, FREEPORT, ILL.



Metal-Covered
All
Over

Metal
Legs

Metal Lamp

Safest Made

New Ruby Nugget Tomato

This Packet Seeds Free

A grand novelty which originated on our place and is now offered for the first time. While not large, still it is a handsome fruit, of delicious flavor and wonderfully productive—over 700 fruits have been grown on one plant. A cash prize of \$10.00 will be paid to the person growing the largest number of Ruby Nugget Tomatoes on a single plant this year. Price is 35 cents per packet of 100 seeds, but to induce you to give our Choice Iowa Seeds a trial this year, we will send you a trial packet of about 25 seeds without charge, together with a copy of our large illustrated seed and plant catalog. If you have had our catalog this year, please say so. Mention this paper.

IOWA SEED CO., Dept. 2 DES MOINES, IOWA.

FREE BOOK

GREAT CROPS OF STRAWBERRIES AND HOW TO GROW THEM

FREE BOOK

Your Name and Address That's All

GOVERNMENT reports show that strawberries produce more dollars per acre and give quicker returns than any other crop. Our 1910 Strawberry Text Book teaches the Kellogg method of growing larger crops of better berries than can be grown in any other way. It explains how to fertilize and prepare the soil; shows how to prune, set and mate the plants. Every detail of the work is made perfectly clear, including cultivation, spraying, mulching, picking, packing and marketing. Growers who have this book say it is worth its weight in gold. You may have one FREE.

R. M. KELLOGG COMPANY, Box 325 Three Rivers, Mich.

SEEDS.

3 Pkts. FREE.

Park's New Everblooming Petunias. Finest known. Aglorious, fragrant bed, 20 feet across. lovely shades and markings, the envy of your neighbors. Free.

1 Dark Purple, Rose, Carmine, Crimson.
2 Fancy Striped, Eyed, Veined, Spot'd, Star'd.
3 Edging, Dwarf White, Spangled, Throated.

5 Fine Gloxinias, 5 colors, 25c
7 Double Begonias, 7 colors, 25c

My Flower Friend, write me a letter (not postal) and I'll send these Grand Petunias (Worth 50c) and culture, with a Guide—all about flowers, packed with good things, nearly 1000 plain and colored engravings. I want to know you. Will you not write me today?

And When Writing Why Not Enclose 10 Cents for year's trial of Park's Floral Magazine, just what you need to help cheer and brighten your home. The Oldest and Best floral monthly in the world, and a welcome visitor in over 500,000 homes. Why not in yours? With it I'll send Park's Surprise Seed Package, 1000 Sorts, for a big bed that will delight you with flowers new and rare every morning the entire season. Money back if not pleased. Club of 35 25 cts. Club with friends.

Address GEO. W. PARK, Box 32, La Park, Pa.

Magazine and 10 pkts choicest Flower Seeds . 15 cts.
Magazine and 10 pkts choicest Vegetable Seeds 15 cts.
Magazine and 20 pkts, enough for both gardens 25 cts.

AN INTERESTING INCUBATOR CATALOG.

One of the most interesting incubator catalogs we have received this season is that of the Wisconsin Incubator Company of Racine, Wisconsin. This advertiser has made a remarkable success of a plan of selling incubators and brooders that no other concerns have followed out as yet, and that is, supplying an incubator and brooder (two machines) for only \$10, freight prepaid.

One of the features of their catalog which appeals to us very strongly is the candid, straightforward way in which they describe how their machines are made—the kind of material and fixtures that are used—and backing all this up with a 30-day trial offer that relieves the purchaser from all risk in buying these machines. It shows they have the fullest confidence in their incubators and brooders or they would not put them out on the liberal terms they do.

Another feature that impresses us is the excellent endorsements they receive from their customers, showing their goods bear out every claim they make for them when in the hands of their users, and this, no doubt, is the real reason of the unusual success the Wisconsin Incubator Company are enjoying.

At first it might seem impossible for a concern to manufacture and sell a 125-egg incubator and 100-chick brooder, freight prepaid, for \$10, but they have been doing this for years, and this year are putting out a better machine than ever, using in their incubator high-grade California redwood, which everyone knows is the best lumber that can possibly be put in an incubator.

We urge our readers to send for this excellent catalog. Read their advertisement on another page of this issue. Mention Box 50 when you write.

ORPINGTON WINNINGS AT THE GREAT ROCHESTER SHOW.

Messrs. Grannis Brothers, La Grangeville, Dutchess county, New York, won as follows on Orpingtons at the recent great Rochester show: 2d and 3d White Orpington cocks; 3d and 5th White Orpington hens; 1st and 3d White Orpington cockerels; 2d white Orpington pullets; 2d and 3d Buff Orpington cocks; 4th and 5th Buff Orpington hens; 1st Buff Orpington cockerels; 1st and 4th Buff Orpington pullets; 1st Black Orpington cock; 1st, 2d and 3d Black Orpington hens; 1st, 2d, 3d and 4th Black Orpington cockerels; 1st, 2d, 3d and 4th Black Orpington pullets; 2d White Orpington pen; 1st Buff Orpington pen; 1st, 2d and 3d Black Orpington pens; cup for best display of Orpingtons; cup for best display in English class; special for best White Orpington male; medal for best Black Orpingtons; special for best exhibit of Buff Orpingtons; special for best exhibit of White Orpingtons; special for best White Orpington cockerel; special for best White Orpington male; special for best exhibit of Black Orpingtons; special for largest exhibit of Buff Orpingtons; special for best pen of Orpingtons.

At the show they purchased the 1st White Orpington cock and 1st Buff Orpington cock, so that they now have in their yards all the 1st prize male Orpingtons. See their ads in classified columns under head of Orpingtons.

"HAS THE INCUBATED CHICK A MOTHER?"

It begins to look like our friend, Mr. P. M. Wickstrum, the Queen Incubator Man, has started something. On another page of this paper, in his incubator advertisement, he repeats his assertion, "The chick that is born in a Queen incubator won't have any mother," etc.

This revives the old question, "Who is the mother of the chicks, the hen that lays the egg, or the hen that hatches it?" After years of school house debating the dispute was finally settled in favor of the biddy that did the laying. This being true, it is quite possible and even probable that the incubated chick has a mother some place in chickenland.

But it's no easy matter to trip up a man of Wickstrum's wide experience in poultry raising. He good naturedly replies that you must read the whole sentence to get the sense out of it. He adds that poultry men and women are not so interested in whether the chick has a mother as they are in how many husky, strong brothers and sisters the chick has.

No incubator manufacturer in this country has gone into the practical side of poultry raising deeper than P. M. Wickstrum, and few have gone as far as he has in meeting the public more than half way in his business dealings. He advocates extended free trials, direct-from-the-factory prices, prepaid freight and an unqualified guarantee covering a period of five years.

"I'll go the limit," he declares, "to let readers of your paper know my incubator. If my trial plan isn't liberal enough, I'll do anything more that any man or woman suggests, if it is fair to both of us."

"I'm out for incubator business, and, fact is, I am getting it, and I don't have to depart from square, honorable business methods either, because my incubator is a wonder. Why, if Cook or Peary had had a Queen incubator along and set it square a-straddle of the North Pole, they would have had fried chicken instead of fish blubber to fill up on! My incubators are all going out and none coming in. Keeps me busy some days just reading the good letters I get from folks who try out Queens. Tell my friends I am still doing business at the old stand, Lincoln, Neb. (Box 4), and expect to be here thirty years more. One of these days I am going to print in your paper some of the letters I get from my customers, just for the benefit of your subscribers. I am certainly a warm exponent of intensive chicken farming. It's a great game. More money in it than any other kind of farm work."

KAUFMANN & WINDHEIM, ORIGINATORS OF THE FAMOUS AMERICAN BEAUTY STRAIN OF ROSE COMB RHODE ISLAND REDS, THE LARGEST EXHIBITORS OF REDS IN AMERICA.

This firm is the largest exhibitors of Reds, if not of any variety of fowls in America, and they have spent vast sums of money exhibiting in all parts of America to show the public they have the winning kind. They have gone as far west as the California State Fair, Sacramento, Cal., making a clean sweep, and again to the recent Alaska-Yukon-Pacific Exposition at Seattle, Wash., and after the long journey across the country again carried off the lion's share. Augusta and Nashville on the south, Boston on the north, Chicago and St. Louis, central, and New York on the east, always winning more than their share. Their show record is honest and hard earned. At the late New York show they won first Rose Comb cock, and this bird with their first New York and Boston cocks of last year are heading their best pens this season. No other breeder has ever had in their yards at one time the two first cocks at New York in two consecutive years.

This firm has one of the finest equipped plants in the country and raise from 1,500 to 2,000 birds each season. They have for years kept a pedigree book showing description and breeding of every bird they have bred and can tell at a glance the breeding of every bird in their pens, in which are most of their winners for the past two years.

They have been breeding this one variety for the past twelve years and their reliability is unquestioned.

They have a very handsome catalogue which they send free to all who are interested enough in Reds to write them and mention American Poultry Journal. Address Kaufmann & Windheim, Nutly, N. J.

Make Your Chickens Work!

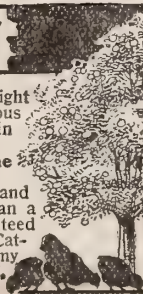
The average hen has plenty of time to help look after an orchard. With keen delight she will capture and devour any insect, pest or parasite. While these bugs, if numerous and unmolested, become harmful to fruit trees, they are very beneficial to poultry. In fact, feeding authorities claim they are the best food of all to make hens lay.

Fruit growing pays big, too! \$300 an acre is nothing unusual from Apples, Peaches, Plums, Blackberries, Raspberries, Strawberries, etc. Once planted, an orchard requires little attention.

Let me send you, charges prepaid and free, my grand Combination Catalog on Orchard Trees, Small Fruit and Farm Seeds. I am giving away 20,000 live,

hardy fruit plants, and you will get one of them along with my Catalog.

SCARFF'S Fruit Strains—trees, plants and seeds—have been famous for more than a quarter of a century. All goods guaranteed absolutely. Send for grand Combination Catalog, a Sample Fruiting Strain Plant and my Net Prices—all free. **W. N. SCARFF, New Carlisle, Ohio.**



A VALUABLE INCUBATOR AND PACKAGE OF POULTRY TONIC GIVEN AWAY.

Profits from the poultry yard are dependent simply upon the health and growth of chicks from the day they are hatched to maturity.

Perfectly healthy chicks will grow speedily into broilers and roasters. Perfectly healthy pullets will lay early and often. The only problem, then, is one of insuring perfect health.

To do this, the chicks and hens must be provided with those elements of a tonic nature which they were wont to find for

themselves in their original wild state, and which they still, in a measure, secure with ample range.

Wilbur's Poultry Tonic has been the favorite for twenty-five years with poultry keepers, because it has proven in practice the claims of its manufacturers—that it is a scientific tonic, providing just what the fowls need without over-stimulating or "forcing" growth or abnormal egg production, to the injury of the fowls.

The Wilbur Company makes a most liberal offer of a free package and a valuable "Kon-Takt" Incubator, both without cost, in order to prove the value of their tonic, direct to every poultry keeper. Their introductory premium offer is remarkable, and of such a character as to enlarge the opportunity of the poultry keeper, they depending for their final profit on the continued use of their tonic. The poultryman who has once given the Wilbur Tonic a fair tryout makes it a daily ration for his flocks in every stage of growth.

For the most liberal introductory offer you have ever had, write today for particulars to Wilbur Stock Food Company, 773 Huron street, Milwaukee, Wis.

MY BIG NEW 1910 CATALOGUE—SINGLE AND ROSE COMB BUFF LEGHORNS.

This handsome, new 8x11 catalogue, 32 pages and cover, treats of every branch of the poultry business, including the rearing, feeding, conditioning, mating and care of Buff Leghorns, also giving a complete diagnosis of all poultry diseases, and specific cures for each. This elegant book is profusely illustrated throughout, and gives complete information pertaining to poultry house and colony house construction. It also treats on successful poultry advertis-



ing—how to take care of inquiries and induce the prospective buyer to order, etc. It also contains a number of true-to-life photographic illustrations of birds, such as seen on my big poultry farm, and has a superb color cover design of a male Buff Leghorn's head and neck. The big feature of this book is a magnificent color plate insert, 8x11 in size, suitable for framing, of a delicate shade of Buff that wins the Blue Ribbons at Madison Square Garden, New York, and at Chicago shows. This book will be mailed you for 25 cents in coin. If you are not satisfied return it to me, and get your money back. But you will be both satisfied and surprised. Send for it today. F. A. Tecktonius, Racine, Wis.

THE COLUMBIAN WYANDOTTE SPECIALIST.

Aug. D. Arnold makes a very liberal offer in his ad in this issue of the American Poultry Journal, by which he expects to get eggs into every state in the Union, also into Canada. Mr. Arnold states that the eggs he has sent out the past two seasons have been the best advertisement he has had. So all who wish to get a setting of his valuable eggs free look up his offer in this issue. Only three in each state will get them, and they must mention the American Poultry Journal to do so.

GOOD SEEDS BEST IN THE WORLD PRICES BELOW ALL OTHERS

I give a lot of new sorts for trial with every order I fill. A Grand Big Catalog **FREE** Illustrated with over 700 engravings of vegetables and flowers. Send yours and your neighbors' addresses.

R. H. SHUMWAY, Rockford, Illinois

47 BULBS 25 CENTS



FOR IN AND OUTDOOR CULTURE

Easter Lily, Crocus, Tuberoses, Freesia, Lily of the Valley, Narcissus, Tulips, Caladium, Gloxinia, St. Joseph's Lily, Gladiolus, Glory of the Snow, Oxalis, Ranunculus, Snow Drops, Scilla, Hyacinth, Sparaxis, Star of Bethlehem, Jack the Beanstalk, Cannas, Dahlias, Bachelor's Button, 10-Week's Stock, Eschscholtzia, Sweet Alyssum, Sweet William, Poppy, Candytuft, Balsam, Nasturtium, Fanny, Sweet Peas, Petunia, Calliopsis, Sweet Mignonette, Forget-me-not, Heliotrope, Hollyhock, Phlox, Chrysanthemum, Geranium, Cypress Vine, Morning Glory, Ice Plant, Moon Flower, Foxglove, Verbena, Gilia, Snapdragon, Yankee Traveler, Feverfew, Violets. All

postpaid, 25 CENTS, stamps or coin. As a premium with these Bulbs we will send **FREE** a big collection of Flower Seeds, over 200 kinds.

FLORAL NURSERY, Camden, New Jersey

SEEDS

BUCKBEE'S SEEDS SUCCEED!

SPECIAL OFFER:

Made to build New Business. A trial will make you our permanent customer.

Prize Collection Radish, 17 varieties; Lettuce, 12 kinds; Tomatoes, 11 the finest; Turnip, 7 splendid; Onion, 8 best varieties; 10 Spring-flowering Bulbs—65 varieties in all.

GUARANTEED TO PLEASE.

Write to-day; Mention this Paper.

SEND 10 CENTS

to cover postage and packing and receive this valuable collection of Seeds postpaid, together with my big instructive, beautiful Seed and Plant Book, tells all about the Best varieties of Seeds, Plants, etc.

H. W. Buckbee, ROCKFORD SEED FARMS, Farm 51 ROCKFORD, ILL.



I Grow Strawberry Plants With as Great Care As You Buy Them

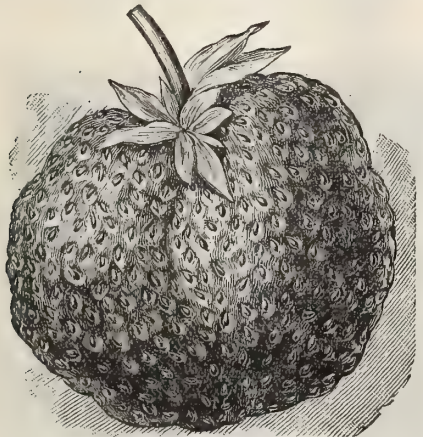
If you buy my plants you get good, strong, healthy ones that are grown in a natural strawberry country where soil, climate and season each help to make hardy and productive plants. You get plants true to name. Whether you plant a dozen or 100,000 your order can be filled promptly from the stock of 1910 plants—I never grew a finer 200-acre lot of them. Send for 1910 3-color catalog. It is free, and I want you to have a copy of it.



W. W. THOMAS

The Strawberry Plant Man
150 Main Street, Anna, Ill.

Consult Dr. Farmer



EARLY OZARK—The best early strawberry I have ever fruited, early as Michel, large as sample, productive as Glen Mary. —L. J. Farmer.

If you had measles or scarlet fever and was real sick, would you go for a young physician who has just got his "Diplomy"? No, you would send for the old family doctor who has had years of experience. There are doctors of medicine and other doctors. **FARMER** is a Strawberry Doctor. You are sick of going without good strawberries, and you want to know just how to grow them the best way. Send him your symptoms, he will help you. Get a personal letter from the "Doctor." Twenty-seven years of experience. Consultation free by mail. Medal and diploma for largest and finest display of strawberries at World's Fair, Chicago, 1893. Introducer of Norwood and early Ozark strawberries, Plum Farmer, Idaho and Royal Purple raspberries, etc. Immense stock of berry plants, all varieties. Catalog free. Address.

L. J. FARMER, Box 36, PULASKI, NEW YORK

VICK Quality Seed

Prize Winners for 1910

\$840 for the best specimens of vegetables and \$200 for the best specimens of Asters grown from Vick Quality Seeds, shown at New York State Fair, Syracuse, next September. No admission fee; open to all. Write for full particulars, Vick's Garden and Floral Guide for 1910—61st edition—bigger, better, and more helpful than ever. Free. Write for your copy to-day.

JAMES VICK'S SONS, 401 MAIN STREET, ROCHESTER, N. Y.

IDEAL SEEDS

Send us a dime or stamps today for this incomparable Flower and Vegetable Seed offer. Asters, Prize mixed. Balsams, Ideal mixed. Pansies, Excelsior mixed. Sweet Peas, Incomparable mixed. Verbena, Mammoth mixed. Also, Cabbage, Early Winningstadt. Cucumber, Cool and Crisp. Lettuce, Wonderful. Radish, E. Long Scarlet. Tomato, Earliana.

All for 10 cts. and this refunded. Free catalog full of many other great offers. Write today L. TEMPLIN SEED CO. Calla, O. Box 90.

WHITE ROCKS AT AKRON, OHIO, SHOW.

By far the best quality in the Akron show was to be found in White Rock alley. The 1st pen shown by Jas. R. Thomas, East Akron, was easily the best pen of any variety entered, not only in natural quality but in splendid condition in which it was shown. The birds were noticeable for unusually good type, as well as for their size and color, and in the opinion of the writer would easily have found a place at such shows as St. Louis and Chicago. Mr. Thomas also won 2d cock, 1st and 2d pullet, 2d and 3d cockerel. All birds were well placed. It is not often that such consistent quality is shown in both sexes by one exhibitor, and customers of Mr. Thomas can be certain to get good results.

J. M. Moore, Jr., East Akron, made the unusual win of 1st cockerel, 2d and 3d hen and 3d pullet, on only four entries. Judge Pierce stated that the 3d hen was the best in the class but a bit overfat to show to best advantage. All were good type and the 1st cockerel was one of the

class; silver cup for greatest number of points in the show. On R. C.—1st, 2d, 3d and 5th cock; 1st, 2d, 3d, 4th and 5th hen; 2d, 3d, 4th and 5th cockerel; 1st, 3d, 4th pullet; 1st, 2d and 3d pen. On S. C.—1st and 3d cockerels; 2d and 5th pullet; 2d pen. Mr. Blanchard has about 100 cockerels to dispose of at prices from \$1 for utility birds up to \$10 for fine breeders.

W. S. Robison, of Fayette, Mo., Route 1, won at Central Missouri Poultry Association, at Marshall, Mo., November 23-26, 1909, as follows: 1st, 2d cock, 2d, 3d, 5th cockerel, 1st, 2d, 3d, 4th hen, 1st, 2d, 3d, 5th pullet, 1st, 3d, 5th pen. Club special for best shaped female. Also won Missouri state silver cup for best and largest display any and all varieties, also Missouri state cup for best and largest display one variety. At St. Louis, Mo., state show, won 1st pen, 4th pullet and best shaped female. Silver cup for best pen. St. Louis show was December 6-11, 1909, Mr. E. C. Branch judge, No. 49, in Buff Rock class.

Charles G. Pape, Fort Wayne, Ind., the well-known breeder of Single Comb Black

one of the strongest classes of S. C. White Leghorns ever exhibited at this show.

S. M. Dickinson, Granville, O., breeder of W. P. Rocks, Rhode Island Reds and Columbian Wyandottes, has mated up a number of choice pens for this season's trade and now has his mating list ready to mail. This is very attractive and neat and should be in the hands of all who are interested in these varieties. Send for one today and get acquainted with the man who is making a business of raising fancy fowls.

J. Frank Van Alstyne, Neversville, N. Y., exhibited two grand pens of his Silver Wyandottes at the late New York show, and was awarded second and third prizes. His second prize pen was certainly a grand one, and in the estimation of a great many should have been placed first, but, of course, the judge thought otherwise. He also won fifth pen on Columbian Wyandottes. Mr. Van Alstyne has certainly succeeded in producing some grand birds the past few years and deserves the patronage of anyone who is looking for something to improve their stock.



This cock and hen were declared by four judges to be the best and most typical Buff Cochins ever shown, and headed the string of champion winners and highest honors at the great Missouri State Association Show at St. Louis Coliseum, 1909, and making the largest record winnings by any one exhibitor on one class of birds of 5,500 entries in the history of United States, largest poultry show. My birds won 67½ points and 17 prizes, grand prize, champion silver trophy for best and largest display, open class, great Missouri State Association; silver cup for best male and female in Buff Cochins; \$50 silver cup at St. Charles, Mo., Centennial Show, 1909, offered by the Missouri State Association on Cochins, and \$5 gold special for best display. Owned and exhibited by Dr. A. A. Gossow, St. Charles, Mo.

best the writer has seen at the big shows this winter. He had extra good length in back, with low carried, well spread tail, stood well on large boned legs and had an extra good comb to top off with. In color he was unusually white, the combination making him a particularly valuable bird to head a breeding pen. We understand that Mr. Moore will mate him to his winning hens and others of equal quality. Buyers of his eggs ought to get some splendid results.

Chas. H. Ring.

A. W. Blanchard, breeder of Rose Comb R. I. Reds, of Beloit, Wis., was fortunate in winning fourth on his cock bird at the big Chicago show in what was the strongest competition ever put up by the biggest breeders in the country. There were 26 cocks in the class. Mr. Blanchard also won the following prizes at the Beloit show last month in a class of nearly 100 Reds: Silver cup for highest scoring pen in American

Minorcas, has about 50 splendid cockerels, bred to improve egg production, that he is offering at reasonable prices. His stock is the prize-winning kind, as is shown by the following winnings: Chicago, December, 1908, 1st and 2d cock; 3d and 4th hen; 4th and 5th pullet; 1st pen. Huntington, Ind., January, 1909, 1st and 3d cock; 1st and 2d hen; 1st, 2d, 3d cockerel; 1st and 2d pullet, 1st pen. Indianapolis, 1909, 1st and 2d cock, 2d and 4th hen; 1st and 2d cockerel, 1st and 2d pullet, 1st pen.

List of prizes won by Harmon Bradshaw at Lebanon, Ind., December 14-17, 1909, five breeders competing: Cock—First, second. Hen—First. Cockerel—First, second. Pullet—First, second. Pen—First. Twenty-five dollar cup for best display in the show. First on best dozen white eggs. He showed 13 birds and every one got a prize but one. Had a cock bird score 96 and two hens 96½ and 96½. This winning was made in

River Home Poultry Yards, Perrysburg, O., report of New York winnings. Birds shipped a great distance in competition with home exhibitors in the Light Brahma territory. Their first experience in Madison Square Garden, showing against the strongest class ever shown. On twelve entries won 1st and 3d hen, 2d cockerel, 5th pullet, 3d pen. This, with their clean sweep at the late Chicago show, pronounces the River Home Poultry Yards the "Light Brahma Kings."

Edward Brown, Mendota, Ill., the well-known breeder of Barred Plymouth Rocks, reports the following winnings: At Dixon, Ill., Dec. 28-31, 1909, 1st cock; 2d, 3d, 4th hen; 1st cockerel; 2d, 3d pullet; 1st pen. Downer's Grove, Jan. 13-15, 1910, 1st, 2d cock; 1st, 4th hen, in a strong class of 53 Barred Rocks. If you want eggs that will improve your flock write him for prices and mention American Poultry Journal.

INCUBATORS



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A Brooder built on the Most Exact Scientific Laws. Three life-saving Principles not found in any other brooder invention: Warmth by Conduction and Contact; Ventilation by Induction and Percolation; Prevention of Piling and Crowding by Mechanical Construction. Has met with a most remarkable reception the past three years, being used and endorsed by many scientific and successful poultrymen. Not a novelty, a hot air bake oven, a lampless cold storage box, nor a dollar "system", nor a quick-get-rich forty-foot lot plan, but it is an expensively constructed, common sense, close-to-nature chick nurse, blending the instincts of the mother hen with the reason of man and satisfying every natural impulse of the chick. Brooders are double, metal lamp box outside, hovers adjustable, double tops, triple hover floors, withstanding wind and weather. Brooders for orchard and field, and Independent Hovers ready for instant use in box or shed. Need little attention. Eminently the brooder for the business man and the farmer.

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HOVER



VALUE OF WINNERS AT LARGE SHOWS.

It is a pleasure to win in any show, and the pleasure increases in proportion to the standing and importance of the show. This is because of the very obvious fact that it is much harder to win in the more prominent shows. For this reason a great many breeders do not exhibit at Chicago and New York. This is a great mistake, however, if a breeder has the stock that will stand the competition, because a ribbon won in either of these shows means much more and is worth very much more to a breeder than a great many prizes won in small shows.

This winter the well known River Home Poultry Yards, Perrysburg, Ohio, exhibited their famous Light Brahmas at Chicago and also at Madison Square, New York. They took all the prizes in sight at Chicago, and at New York they won in the hardest competition ever seen at Madison Square, 1st, 3d hen, 2d cockerel, 3d pen and 5th pullet.

River Home Poultry Yards have won hundreds of ribbons and prizes in recent years on their Light Brahmas, but their wonderful success this winter demonstrates that they can always win when they exhibit.

The eastern and New England Light

Brahma breeders frankly admit that River Home Poultry Yards have to be reckoned with in the Light Brahma World.

The Buff Poultry and Bee Farm, Austin, Minn., reports the following winnings at the last Austin show, December 28 to 31, 1909: Buff Cochins, 1st, 2nd, 3rd hen; 1st, 2nd, 3rd pullet; 1st cock; 1st pen. Buff Orpingtons, single comb, 1st cock; 1st, 2nd, 3rd hens; 1st pullet; 2nd cockerel; 1st pen. Rose Comb Buff Orpingtons, 1st hen, 1st pullet. Buff Rocks, 1st, 2nd cocks; 1st, 2nd, 3rd hens; 1st, 3rd cockerels; 3rd pullet; 1st pen. Buff Wyandottes, 1st cock, 1st, 2nd, 3rd hens; 1st, 2nd, 3rd pullets; 1st pen. Buff Leghorns, 2nd, 3rd hens; 2nd pen. Rouen Ducks, 1st, 2nd, 3rd cocks; 1st, 2nd, 3rd hens; 1st, 2nd, 3rd, cockerels; 1st, 2nd pullets. White Pekin Ducks, 2nd, 3rd cockerels; 2nd pullet. Gray Call Ducks, 1st, 2nd, 3rd cocks; 1st, 2nd, 3rd hens; Moscow Ducks, 1st cock; 1st hen; 1st cockerel; 1st, 2nd pullets. Cornish Indian Games, 1st cockerel; 1st, 2nd, 3rd pullets. Toulouse Geese, 1st, 3rd pullets. African Geese, 1st cock; 1st hen. Brown Chinese Geese, 1st hen; 1st cock. White Turkeys, 1st Tom. Silver cup in English class.

Many incubators have been brought to high degree of perfection. But, as in all automatic machines, security may go

wrong just at the most important time. The temperature may run a little high or a little low. Every poultryman knows what that means, time, eggs and profit are gone. All this danger may be prevented by providing your incubator with an attachment made by the Acme Incubator Co., Chicago, Ill., Box 705. This device can be set for any range of temperature from one to five degree at the slightest change above or below the limit set, a warning given to anyone within hearing. It is simple and moderate in price and can be attached to all makes of incubators. Persons having machines should write to the manufacturers for full particulars.

L. C. Taylor, Gibsonburg, O., breeder of Blue Andalusians, reports the following winnings at the late Ohio State Poultry Show, Columbus, O.: 1st cock; 1st and 2d hen; 1st cockerel; 2d and 3d pullet; 1st pen; six single entries and one pen entry; also several specials. If you want something choice in this grand old variety, write him for prices and particulars and mention American Poultry Journal.

In our January issue, in the report of the Chicago show, we credit Mr. Lowell with winning second on Single Comb Brown Leghorn cockerel. This was an error, as second cockerel was won by H. F. Becker, Waterloo, Ont., Canada.

YOUR HENS WILL PAY BIG PROFIT

Keep only your laying hens! Your non-layers, barren hens, drones, etc., eat up the layers' profits faster than the useful hens make those profits by steady egg laying. You must get rid of the hens which can't pay their own board bills, to say nothing of egg profits.

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That's just what the Potter System teaches in ten minutes. You'll quickly know how to tell the absolutely eggless hens in your flock. You take the non-layers away, keeping only the hens that pay profit. Then you sell the non-layers to market—more profit.

Thousands of poultry keepers and farmers are making their flocks pay big because they are using the Potter System. Their success is yours, too. Send us that coupon in the lower right hand corner and enclose two red stamps for postage.

"Don't Kill the Laying Hen"

Reveals the simple way of making money by eliminating non-laying hens from your flock. The method of telling whether a hen will ever lay another egg is laid bare.

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- 13th—How to arouse and stimulate the laying organs of the hen.
- 14th—How to know the pullets that will make, and are, strong layers.
- 15th—Roup, and how it affects the laying organs of the hen.

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This Potter Portable Sanitary Poultry House, shown here, is eight feet by ten feet in size, completely equipped with two Potter Henneries Outfits, six nests, etc., two pens, room for fifteen to eighteen hens each. It is complete, convenient, sanitary, neat and attractive. If in need of a house of this style and size, you can't beat it for \$40.00. The house shown here is but one of the dozen different styles and sizes which we make. We recently bought out the business of the Sanitary House Company of Lemont, Illinois, and now manufacture the complete line of Portable (K. D.) Poultry Houses, Broods, Coops, Pigeon Lofts, etc., formerly made by them. If you want a complete up-to-date and cheap house we can supply it. Large 100-page catalog fully describing our houses, fixtures and supplies will be sent.

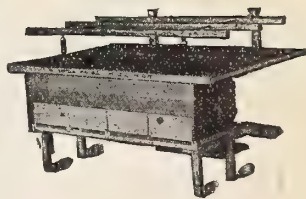


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125 BARRED ROCK cockerels from bred-to-lay stock of exceptional quality. C. A. Newcomb, Celina, Ohio. 2-3

WHITE PLYMOUTH ROCK EGGS for sale from large, pure white, healthy, farm-raised birds, with true Rock shape. Great layers. \$1.25 per 15, \$6 per 100. Mrs. Walter Cline, R. R. No. 1, Versailles, Mo. 2-3

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FIFTEEN YEARS WHITE ROCKS exclusively. World's prize winning, trap-nested strains. Our birds won Cleveland, Cincinnati, scoring 95%. Eggs, 5 to 25 cents apiece. Choice cockerels \$1 up. Fancy stock, farmers' prices. Catalog free. Ronald Smeiker, New Madison, Ohio. 2-3

BARRED PLYMOUTH ROCKS. 30 fine cockerels for sale. Sired by first cock at Iowa Falls this year. Cockerels scoring to 92, pullets 93, by Heimlich. W. H. Ashworth, Sheffield, Iowa. 2-1

WHITE ROCKS. Exclusively strong, healthy, Standard bred. Eggs \$1 per 15, \$1.50 per 100. Ben Jasper, Washington, Mo. 2-3

HERE WE ARE WITH White and Barred Rock eggs for hatching at Burket's Poultry Farm, Route 1, Frenchtown, N. J. 2-4

CLOUGH'S WHITE ROCKS always winners Milwaukee, Waukesha, Waukegan and other shows. Stock for sale. Eggs, \$3. First pen score 94½ and better. Second pen \$2. Zion City, Ill. 2-3

FOR SALE—BARRED ROCK stock and eggs, pullet or cockerel mating. Catalog upon request. Monahan & Kirby, Box 482, Orleans, Ind. 2-3

EGGS FOR HATCHING 10¢ each. 200 egg stock of Maine Experiment Station Barred Plymouth Rocks. The best at prices within the reach of all. Free range. The only variety on farm. Vigorous, strong and healthy. O. R. Shearer, R. D. 1, Temple, Pa. 2-4

FOR SALE—FARM RAISED White Rock cockerels; big, healthy birds; some fine ones at \$2 and \$3 each. R. G. Vasey, Route 1, Jacksonville, Ill. 2-1

WHITE ROCK EGGS, \$1.50 per setting. Good cockerels, \$3 each. L. C. Gass, Marion, Ky. 2-2

WHITE ROCKS, SILVER CUP winners, Fishel strain. Eggs, \$2 for 15. Martin Johnson, Cambridge, Ill. 2-3

WHITE ROCKS, Fishel's, exhibition and utility. Eggs, special matings, \$3 per setting. Other pens, \$2 and \$1. Satisfaction guaranteed. B. W. Russell, Bula, W. Va. 2-3

KANKAKEE SHOW, JAN. 10-15, 1910, won 1st cock, 2d cockerel, 1st and 2d pullets, 2d pen; did not show hen. Ninety select and scored cockerels and pullets for sale. Eggs \$4 per 13. Eventually you will want the best White Plymouth Rocks. Why not buy them now? Mine will please you in quality and price. Write today to E. A. Hayward, Cooks-ville, Ill. 2-1

BARRED ROCKS, THOMPSON AND LATH-AM strains, line bred, deep barred, seven pens. Eggs \$1 to \$5 per setting, both matings. Write for mating list. Satisfaction guaranteed. Fred Deihl, Morrisonville, Ill. 2-3

EGGS, MAMMOTH BARRED ROCKS, the big, broad back kind from generation of prize winners, \$2 per 15, \$3.50 per 30. Bradley strain. Satisfaction guaranteed. Mrs. John Platz, Jewett, Ill. 2-3

LOOK—BARRED ROCK COCKERELS, with score card by Heimlich, cheap. I need the room. Eggs, \$2 per 15. Hatch guaranteed. L. A. Nichols, Havana, Ill. 2-3

BARRED ROCKS, Ringlet strain. 100 eggs, \$3.50; after May 15, \$3; eggs from select pen, \$1 per setting. Fred Gilman, Glenbeulah, Wis. 2-3

FISHEL WHITE ROCKS, scoring to 95½. Eggs, 15 \$1.50. George Brown, Burnt Prairie, Ill. 2-3

WHITE PLYMOUTH ROCKS, good stock. Won 15 prizes on 18 entries, Litz, Millersburg and Sunbury. Cockerels reasonable. Get my prices on eggs before placing your order. It will pay you. R. C. Hinkle, Millersburg, Pa. 2-3

HIGH CLASS WHITE ROCKS, 15 eggs \$1, 100 \$5. Henry Heitkamp, New Bremen, O. 2-3

WHITE ROCKS, Mistletoe strain, the undefeated champions. Circular mailed free. Write postal today. Mary Noland, Hennessey, Okla. 2-3

BUFF ROCKS, best utility strain. Cockerels and eggs reasonable. H. L. Ragsdale, Centra-llia, Ill. 2-3

BUFF ROCK COCKERELS for sale. Choice birds at right prices. Otto Wendt, La Hogue, Ill. 2-2

GOLDEN BUFF AND SILVER PENCILED Rocks, the champions of America. First prize winners at Chicago. Stock for sale. Eggs, \$3 setting. Catalog free. P. C. Jungels, Box A, Lemont, Ill. 2-3

WHITE ROCKS—Better than ever. No incubators or brooders used—natural way. Fine, healthy stock for sale. Eggs \$5 100. Fishel-Van Orsdale strains. Satisfaction guaranteed. James T. Jones, Darlington, Md. 2-3

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HAWKINS' BARRED ROCKS, 15 eggs \$1. Correspondence solicited. Levis Heights Farm, Freedom, Pa. 2-3

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EGGS FOR HATCHING from our best pens of White Rocks at \$2.50 for 15. Layers and pavers. High scoring birds. Fertility guaranteed. Sheffield White Rock Farm, Sheffield, Pa. 2-3

"BARRED PLYMOUTH ROCKS" (cockerel line exclusively). I have mated only three pens of this the finest strain of cockerel breeders in the south. Eggs \$2.50 per 15. Clarence Young, Sweetwater, Tenn. 2-3

WHITE PLYMOUTH ROCKS, Fishel's direct. Eggs, 15, \$1; 100, \$5. Jordan Howell, Dexter, Mo. 2-3

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BUFF ROCKS—Egg orders booked now from winners at Buffalo, Philadelphia, Allentown, Bridgeton, Sellersville at \$2 and \$3 per 15. Chas. Kremer, Souderton, Pa. 2-3

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ROCKS—BIG, SOLID BUFFS, winners. Stock for sale. Eggs \$2 setting, guaranteed. George Bartlett, Seymour, Ind. 2-3

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BUFF ROCKS, prize pen, 15 eggs \$1.50; 13 baby chicks, \$2. Few choice cockerels. Satisfaction guaranteed. Sarah Houston, Mercer, Mo. 2-3

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BARRED PLYMOUTH ROCKS. I have some extra fine pullet cockerels for sale sired by one of Thompson's best "Ringlet" cockerels and my prize hens, \$3 to \$10 each. Satisfaction guaranteed. W. D. Cox, Joplin, Mo. 1-3

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25 BUFF ROCK cockerels and pullets for sale. \$2 to \$5 each, from first-class stock, all good specimens. Send me a postal for full information. M. A. Bartlett, 500 Lincoln Ave., Canton, O. 1-3

FOR SALE—FIFTY BARRED ROCK hens, cockerels and pullets. Thompson's & Bradley's strains. Write. B. R. Rhodes, Port Jervis, N. Y. 12-4

WHITE ROCKS—Tolman and Owen Farm strains. Setting, \$1; \$5 the hundred. Locust-croft, Rehoboth, Mass. 1-3

HAWKINS AND THOMPSONS, Boston and New York prize-winning Barred Rocks. Eggs, pen No. 1, \$2 per 15; pen No. 2, \$1 per 15. H. F. Davis, 2712 Pine, St. Louis, Mo. 1-5

100 WELL DEVELOPED B. R. Cockerels. 32 years with this variety and never a complaint from customers. Birds worth from \$2 up. State what you want, send the amount you wish to invest and I will deliver the goods subject to approval. Mrs. S. E. Washburn, Hillsboro, Ill. 1-3

"RINGLET" WINNER LAYERS at one-sixth of eastern prices. Choice breeding pens from \$12 to \$25, both lines. Exhibition and pullet breeding cockerels from \$4 to \$10. Utility cockerels from heavy layers, egg producers, at \$3 and \$4. On approval. Money back if not satisfied. Eggs, \$3 per 15. Standard Poultry Yards, Coal City, Ill. 1-4

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WHITE PLYMOUTH ROCKS for sale. Hens, pullets and cockerels. Stock all O. K. Lucas Bros., Alton, Iowa. 1-2

"RINGLET" BARRED ROCK HENS and Cockerels, \$2 to \$5. Geo. W. Swesey, Rockland, O. 1-3

BRADLEY BARRED ROCK COCKERELS for sale at \$1 each. Won 1st cockerel Bushnell show, with score of 92¼ points. Edwin C. Laux, Bushnell, Ill. 1-3

WHITE ROCKS, THE RIGHT KIND and right price. Stock and eggs, Fishel strain direct, farm range. Tucker's White Poultry Farm, Ligonier, Ind. 1-4

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MADISON SQUARE GARDEN Barred Plymouth Rocks can be had at one-third their value by writing to L. J. Upham, Webster, Mass., son of D. A. Upham, who originated the Barred Plymouth Rock. 12-3

COONS' BARRED ROCKS EXCLUSIVELY—Winning and laying strain. A few choice cockerels. Cheap eggs, \$2 per 15; \$5 per 50. Fredrick Coons, Catskill Station, N. Y. 1-3

WHITE ROCKS. FISHEL BEST—Show birds of quality. Eggs and baby chicks at reasonable prices. Satisfactory guarantee. Booklet free. B. C. Thompson, Elmira, N. Y. 1-3

WHITE PLYMOUTH ROCKS. Choice cockerels and pullets for sale. Can furnish unrelated pens and trios. Score as high as 95 points. Prices right. Write me. Floyd L. Lanham, Macon, Illinois. 12-3

BARRED ROCKS. Bradley and Thompson strains. Large, vigorous farm range birds. Grand specimens from these leading strains. I can surely please you. Write me. Mrs. James M. Kemp, Kenney, Ill. 12-3

CHOICE WHITE PLYMOUTH ROCK cockerels and pullets. Fishel strain. Prices reasonable. Mrs. E. H. Ray, Winamac, Ind. 12-3

CHOICE BUFF PLYMOUTH ROCKS at reasonable prices. L. A. Hatch, De Kalb, Ill. 12-3

RINGLET BARRED ROCK cockerels. Breeding stock direct from E. B. Thompson. No birds scoring less than 90. All fine birds, \$2.00 to \$5.00. With score cards. Mrs. E. A. Oliver, Belleville, Wis. 12-3

QUALITY BUFF ROCKS. Won 1st cockerel, pullet, Trenton, 1909. Extra fine young stock for sale. Reasonable prices. Write for information. Harry Disbrow, Allentown, New Jersey. 12-3

BARRED PLYMOUTH ROCKS—Leading winners at Uniontown, Somerset and Windber in 1908. Silver cup for best winnings in Barred Rocks. Stock and eggs for sale. Robert M. Weller, Somerset, Pa. 9-6

MC'S BEST WHITE ROCKS are what you need. G. S. McAfee, Springfield, Ill. 12-3

ROCK HILL POULTRY FARM. Barred Rock stock at reasonable prices from prize winners. Frank Harr, Kipton, O. 12-3

BARRED PLYMOUTH ROCKS. Baldwin's Barred Beauties. Exhibition and breeding stock for sale. Free catalog. Matt W. Baldwin, Sioux City, Iowa. 12-3

BARRED ROCKS. Fifty choice cockerels, two dollars each, three for \$5, either mating. Geo. L. Hart, Route 1, Princeton, Ill. 12-3

RINGLET BARRED ROCKS. Exhibition quality cockerel and pullet mating. Males, \$2.00 to \$5.00; females, \$1.50 to \$4.00; five females and male, \$10.00. Shipped on approval. Circular. John Northon, Clare, Mich. 12-3

WHITE PLYMOUTH ROCKS, Fishel strain. Pure white cockerel prices \$1.00, \$2.00, \$3.00 and \$5.00. John Nolt, Mt. Vernon, S. D. 12-3

BARRED ROCK COCKERELS from prize winning stock, \$2.00 up. Isaac Grube, Basil, Ohio. 12-3

BARRED ROCKS scoring as high as 94. Eggs at \$5.00 per 100. Some fine breeding birds at \$2.00 and \$3.00 each. Kinney I. Miller, Box T, Lancaster, Mo. 3-09-1yr

FISHEL STRAIN DIRECT. Eggs from pens scoring 90 to 94 points, \$2.00 setting; 50 eggs, \$5.00; 100 eggs, \$8.00. Cockerels, \$2.50 to \$5.00. Brower & Son, Box 200, Grafton, Ill. 12-3

BARRED ROCKS OF QUALITY. Bred for beauty and utility. Twenty cockerels ready now. J. N. Young, Henry, Ill. 12-3

E. P. R., THE BREED that lays, hatched March 10, 1909, laid first egg Aug. 3, 1909. Nearly 30 years breeding for eggs and size. Stock from this strain for sale, young and old. Zeblon Rose, Thiells, N. Y. 12-4

BARRED PLYMOUTH ROCKS, prize winners, heavy layers, choice young stock, eggs in season. H. L. Maxfield, Janesville, Wis. 12-3

BARRED PLYMOUTH ROCKS exclusively, 200 for sale. Eggs in season. Write me your wants. H. H. Loutzenhiser, Danville, Ill. 12-3

PARTRIDGE PLYMOUTH ROCKS, \$5.00 per trio; cockerels, \$2.00. Satisfaction guaranteed. Fred Kypke, Lake Mills, Wis. 12-3

BARRED ROCKS—NOTHING BUT THE BEST, which I guarantee. L. W. Walsh, Drawer 248A, Lynchburg, Va. 12-3

BARRED PLYMOUTH ROCKS. 200 fine utility pullets and cockerels at \$1.00 each. Some extra fine cockerels at \$2.00 to \$5.00. Eggs in season, \$5.00 per hundred. J. O. Fairbanks, Springfield, Mo. 12-3

WHITE ROCKS ONLY. Type and quality. Photos free to all interested. Fine cockerels and eggs for sale. F. P. Klotz, Neffs, Pa. 12-4

1,000 BARRED PLYMOUTH ROCKS for sale. Exhibition and breeding birds. My birds are farm raised beauties. I have won more firsts at our leading shows than all other competitors. Write your wants. Satisfaction guaranteed. Herman Shockey, Sand Patch, Pa. 12-3

FOR SALE—PRIZE WINNING Barred Plymouth Rock Cocks, Cockerels, Hens, Pullets. Herman Blumer, Berger, Mo. 11-4

BARRED AND WHITE PLYMOUTH Rocks, Bradley and Fishel strains. Embden Geese, first prize winners at leading shows. Special sale on cockerels, \$2.00 and up. Wm. H. Fathauer, Moweaqua, Ill. 10-09-Smos.

YOUR GAIN. FINE Barred Rocks at cut rates. Mrs. James Whitesides, Memphis, Ind. 12-3

STUEBER'S WHITE ROCKS (Fishel strain)—They win whenever shown. Have yet a few good breeding and exhibition cockerels for sale. Mating list will be ready after January 15. Satisfaction guaranteed. Henry Stueber, San Jose, Ill. 1-3

WYANDOTTES.

GOLDEN WYANDOTTES—My Goldenes have won for me at Missouri State, Kansas City and Clinton, Ia., shows. Eggs for sale. Write John Tuttle, Princeton, Mo. 2-4

WHITE OR PARTRIDGE WYANDOTTES—Score cards furnished. Prize winners. G. G. Douglas, Rantoul, Ill. 2-1

WHITE WYANDOTTES—Fishel utility hens mated with Duston strain cockerels. Hardy, early maturing, early laying, vigorous fertility. Eggs \$2.50. Stock for sale. Mrs. Meyer, 1738 N. Rockwell St., Chicago, Ill. 2-3

BUFF WYANDOTTES EXCLUSIVELY. Winners at Minneapolis, Milwaukee, Oshkosh, La Crosse, Marshfield and Stevens Point. Birds scoring up to 95. No stock for sale now. Eggs in season. Gladys Poultry Yards, Stevens Point, Wis. 2-3

WHITE WYANDOTTES EXCLUSIVELY. Eggs and stock for sale. Eggs from 2 pens. Pen No. 1, score 94 and over; pen No. 2, 92 to 94. Prices reasonable. Wm. I. Blake, Kewanee, Ill. 2-3

PARTRIDGE WYANDOTTES, PRIZE WINNERS. Stock and eggs for sale. Lydia Beebe, Zion City, Ill. 2-1

COLUMBIAN WYANDOTTES—A few select birds left. Stock and eggs at one-half price until everything is sold. Earl Cook, Munnsville, N. Y. 2-3

WHITE WYANDOTTES EXCLUSIVELY—Duston, large, blocky, farm range. Eggs, 15, \$1.25; 30, \$2; 50, \$3; 100, \$5. Wm. Galbraith, Route 12, Chambersburg, Pa. 2-4

GOLDEN AND SILVER Wyandottes. Eggs from prize winning stock. \$1 per 13. Satisfaction guaranteed. C. E. Hathaway, Barnes, Pa. 2-3

SILVER LACED AND WHITE WYANDOTTES—Kansas City winners. Fine stock for sale. Prices right. A. & E. Genser, Gilliam, Mo., Box 531. 2-2

SILVER LACED WYANDOTTES exclusively, scoring 90 to 92, \$3 to \$5 each. Dr. D. C. Garner, Mingo, Ia. 2-1

BUFF WYANDOTTES EXCLUSIVELY. Nothing better for beauty or utility. Choice cockerels, \$1.50 and \$2; fine trios, properly mated, \$5. Bred from prize winners. Piser strain. Eggs \$2 setting. J. Acocks, Arcadia, O. 2-3

SILVER LACED WYANDOTTES, cockerels, 15 eggs \$1.50 after May 1. C. R. Richmond, Dunlap, Ill. 2-3

BLACK WYANDOTTES—Boston, New York, Chicago, Cleveland winners. Splendid layers. Eggs \$3 and \$5 per 15. Howard Grant, Marshall, Mich., Box C. 2-4

PEERLESS WHITE WYANDOTTES—Get only the best eggs from pen of Standard bred, stay white, heavy laying strain. \$2 per 15, \$3.50 per 30. W. J. Stange, Park Ridge, Ill. 2-3

WHITE WYANDOTTES. Mapleside strain. Eggs, 15 for \$1.50, 50 for \$4. Chicks, 10 to 50, 20c each; 50 or more, 15c each. Satisfaction guaranteed. Brookside Poultry Farm, Chambersburg, Pa., R. D. 1. 2-3

COLUMBIAN WYANDOTTES—In the big Boston Show, January, 1910, we got 4th pen, 22 pens competing. Come to us for the real article. O. F. Black & Son, Jefferson St., Newton, Mass. 2-3

COLUMBIAN WYANDOTTES OF HIGH GRADE. Beauty and utility combined. Few breeders for sale. Eggs from carefully selected matings that will produce beautiful and profitable chicks. \$2 per 13. Geo. H. Damon, Reading, Mass. 2-3

WHITE WYANDOTTES, heavy layers, winners. Eggs, 15 \$1. Rev. Charles Powell, Marion Center, Pa. 2-3

WHITE WYANDOTTES EXCLUSIVELY 9 years. Duston strain direct, standard weight, shape and color, heavy layers, scoring to 96, cup winners. Eggs, \$1 15, \$3 50, \$5 100. Frank Hardwidge, Poneto, Ind. 2-3

PARTRIDGE WYANDOTTES—Eggs \$1 for 15. Circular free, giving show score. Wm. Shreve, Uhrichsville, O. 2-3

BUFF WYANDOTTES—A few late pullets at \$2.50 each. Egg orders booked now, \$1.50, \$2.50 and \$5 per setting. Robt. Kundert, Monroe, Wis. 2-4

PARTRIDGE WYANDOTTES—Closing out surplus stock. Our yards contain finest specimens in the world. Fantiest strains. Win everywhere. Stellwagen & Son, Minneapolis, Minn. 2-1

SILVER WYANDOTTES—Winners for ten years under Hewes, Russell, Heimlich, Butterfield, Rhodes at St. Louis, East St. Louis, Belleville. Red bred. Catalog. Eggs, \$2 for 13. R. P. Briegel, Columbia, Ill. 2-3

WHITE WYANDOTTES, the very best, pure white, good eyes and combs, great layers. Eggs, pen, \$2 per 15; range, \$1 per 15. Mrs. O. E. Harmon, Liberal, Mo. 2-3

COLUMBIAN WYANDOTTES—If you want good ones, we have them. Won 4 firsts, 2 seconds on 6 entries. We guarantee satisfaction. Eggs \$1.50 per 15. Welsh & Son, Greencastle, Pa. 2-3

EGGS FROM PRIZE WINNING Buff, Partridge and Columbian Wyandottes. Cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

SILVER LACED WYANDOTTES—Two firsts, one third on three entries at Great Rochester, 1909. Few choice cockerels. Eggs in season. Write for prices. Club member. Twin Bros. Poultry Yards, Geo. W. Spence, Prop., Tully, N. Y. 1-3

"MY BUFF WYANDOTTES have an unbroken record as winners of the Blue and Specials. Stock and eggs." Rev. Henry James, Kent, Ohio. 1-3

HOLCOMB'S COLUMBIAN WYANDOTTES, winners at Boston, Hamburg (N. Y.), Bradford, Titusville, and Warren (Pa.). Stock for sale; bred from the above winners. Eggs, \$2.00 to \$3.00. Dr. F. B. Holcomb, Cherry Creek, N. Y. 2-3

WHITE WYANDOTTES. Exclusively. 18 years. Prices right. Ed Hippert, Kewanee, Ill. Box C. 78. 1-3

WHITE WYANDOTTES, Duston strain direct. Exhibition and utility stock from St. Louis, Decatur, Berne and Sheridan winners. Cockerels, \$2 to \$5. Herbert F. Smith, R. 8, Bluffton, Indiana. 1-2

COLUMBIAN WYANDOTTES — At Chicago, December, 1909, I won 1st, 2nd cock, 4th hen. Young stock for sale. H. M. Jordan, Box 26, Hicksville, O. 1-3

BUFF WYANDOTTE Cockerels for sale. Very choice. Claus Hightstreet, Lennox, So. Dak. 1-3

PARTRIDGE WYANDOTTES. Winners at Iowa state, Des Moines, Iowa Falls. Circular. H. Townsend, Albion, Iowa. 1-4

BUFF WYANDOTTES EXCLUSIVELY—Winners wherever shown. Eggs from 4 fine pens, \$2 per 15 or \$3 per 30. M. G. Wells & Son, Sellersburg, Ind. 1-3

SILVER LACED WYANDOTTE SPECIALIST. Won over 100 regular and special prizes since 1904. Choice birds from our 1909 silver cup winners. Prices right and satisfaction guaranteed. Address Helfrich Bros., Hammond, Ill. 1-3

BUFF WYANDOTTES EXCLUSIVELY. A few fine cockerels for sale. Earl B. Morris, Signal, O. 1-3

ATTENTION—COLUMBIAN WYANDOTTES. —Write us for stock and eggs. As good as the best are found in our yards. Satisfaction guaranteed. Maple Grove Poultry Yards, Machias Junction, N. Y. 1-3

SILVER LACED WYANDOTTES exclusively. Show and breeding stock very reasonable. Mrs. Louise Schroeder, Chestnut, Ill. 1-2

PARTRIDGE WYANDOTTES—Breeding pens contain only high scoring birds. Eggs, \$3 per 15. Elegantly shaped cockerels and yearling hens from \$2 to \$10 each. Dr. W. W. Moorehead, Aledo, Ill. 1-3

WHITE WYANDOTTES—Large pure white, blocky birds, bred for beauty and business. Heavy laying strain. Have won wherever shown. Prices and circular on application. Wm. A. Peterson, Galesburg, Ill. 1-3

SILVER LACED WYANDOTTES—Unexcelled layers. Winners New York State Fair, Buffalo, Rochester, Auburn, Johnstown, Waterloo, Batavia. Le Roy Seigried, Waterloo, N. Y. 1-3

WYANDOTTES.

WHITE WYANDOTTE STOCK for sale from birds scoring to 96½ by Judge Heimlich. Write your wants. Satisfaction guaranteed. Wm. S. Mapes, Route 3, Eldorado, Ill. 12-3

SILVER LACED WYANDOTTES. Good shaped, perfect laced, high scoring, standard weight and a quantity of good stock for sale. Write Elmer J. Knauss, Marion, Ohio. 12-3

PARTRIDGE WYANDOTTES. Cocks, cockerels, hens and pullets. Stock first class, and prices reasonable. A. B. Evans, Box 39, Roxbury, Ohio. 12-3

PARTRIDGE WYANDOTTES—young stock. Cockerels up to five dollars; trios five to ten dollars. Your money back if not satisfied. H. B. Scranage, R. 4, Grafton, W. Va. 12-3

GOLDEN WYANDOTTE COCKERELS. Beautiful Rich Golden Bay. Write for prices. Haines Bros., R. F. D. 10, Dayton, Ohio. 12-3

SILVER LACED WYANDOTTE cockerels, fine large show and breeding birds, \$2 and up. C. D. Gregory, Route 4, Rockford, Ill. 12-3

PARTRIDGE WYANDOTTES, \$5.00 per trio. Satisfaction guaranteed. Ed Schmiedemann, Lake Mills, Wisconsin. 12-3

COLUMBIAN WYANDOTTES ONLY. Fine stock for sale. Prices reasonable. Descriptions cheerfully given. Ten prizes Milwaukee, Nineteen Hundred Eight. F. M. Griswold, Lake Mills, Wis. 12-3

SILVER WYANDOTTES EXCLUSIVELY. They are laced to the hock. Satisfaction guaranteed. G. F. Stewart, Coshocton, O. 12-3

COLUMBIAN WYANDOTTES. Pairs and trios. Arnold strain direct. B. N. Stephenson, Salem, Ind. 12-3

PRIZE WINNING WHITE WYANDOTTE cockerels and pullets, \$2 up. Egg orders booked. Emma Jackson, Winamac, Ind. 12-3

GOLDEN WYANDOTTES exclusively. Exhibition and breeders for sale. Winners at Hagerstown, Md., Wilkesbarre and Carlisle, Pa. Wit. Rhoads, Carlisle, Pa. 12-3

GOLDEN WYANDOTTES. My Golden have won for me, and customers at World's Fair, Chicago, Philadelphia, Indianapolis, and other leading shows. Circular. Wm. Spalding, Cox's Creek, Ky. 12-3

PARTRIDGE WYANDOTTES. EXHIBITION birds and breeders. Large, vigorous birds in shape for the early shows. Winner of Wyandotte Class Cup Oconomowoc, 1909; also State P. W. Cup. W. H. Milward, Pres. Wis. Part. Wyandotte Club, Madison, Wis. 12-3

BUFF WYANDOTTES. Fine lot of young stock now ready. From high scoring stock, early hatched, farm raised, sold at farmers' prices. Highland Farm, Willis Brown, Proprietor, Slippery Rock, Pa. 12-3

BUFF WYANDOTTES. Each sex, pure Buff cockerels, \$3-\$10; pullets, \$2-\$5. Return privilege on all purchases of \$5 each. Mrs. John W. Miller, Palmer, Ill. 12-3

PARTRIDGE WYANDOTTES. "Mahogany" strain. Winners at Cedar Rapids and Chicago. Youngsters and yearlings for sale. Thomas Osborn, 309 Iowa Ave., Muscatine, Ia. 12-3

WHITE WYANDOTTES. Have bred them twenty years and believe they are right. Twenty years' success in exhibiting strengthens my belief. I only ask an opportunity to satisfy you. If I can't I neither merit nor desire your patronage. If willing to trust your own judgment write W. S. Cobb, Union Bank Building, Jackson, Michigan. 12-3

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25, Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-1f

LEGHORNS.

ROSE COMB BROWN LEGHORNS, laying at 4½ month old. Ten firsts at Chicago shows. Eggs \$1.50 15. Fred Alger, Waukau, Wis. 2-3

ROSE COMB BROWN LEGHORNS exclusively. I have raised them for 20 years. I have Kulp strain. Eggs, \$1 per 15, \$4 per 100. Geo. F. Hoffman, Cuba, Wis. 2-3

ROSE BROOK STRAIN S. C. WHITE LEGHORNS. Most Leghorn, least money. 14 first, 3 second, 1 fifth on 18 entries. Elaborate catalog telling you about our 278-acre farm and methods free. Worth \$1. Send today. Rose Brook Farm, Shawano, Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred to lay strain. Eggs from large, vigorous, farm raised, Standard bred stock, \$1 to \$2 for 20. Write Maple Leaf Poultry Yards, Tunnel City Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred for size, eggs and to win. Special prize matings. 15 eggs, \$1; 50, \$2.50; 100, \$4. Mrs. John Dietrich, Borden, Ind. 2-4

WINNERS—ROSE COMB WHITE LEGHORNS. Lew Nelson, R. 3, Britt, Ia. 2-6

S. C. BUFF LEGHORNS exclusively. Three excellent matings. Eggs \$1, \$2 and \$3 per 13; 8 chicks guaranteed. Colgan Poultry Farm, R. 8, Defiance, O. 2-3

ROSE COMB BUFF LEGHORNS, the Golden Buffs. Eggs \$1.50 per 15. L. E. Knapp, Westfield, Pa. 2-3

WYCKOFF-RICE S. C. WHITE LEGHORN layers. 15 eggs, \$1; 30, \$1.75; 50, \$2.75; 100, \$5. Charles E. Eaton, 914 E. Harris St., Sullivan, Ind. 2-3

S. C. BROWN LEGHORN cockerels and pullets bred from high scoring birds, \$2 and \$4. Some fine breeders, \$1 and \$2. M. Franke, Jeffersonville, Ind. 1-3

GODFREY BENSON, Springfield, Ill. S. C. White Leghorn eggs, \$1 setting. 2-1

SINGLE COMB BUFF LEGHORN SALE—The finest exhibition and breeding stock at bargain prices. Eggs from special matings \$1.50 and \$3 per 15. Mrs. Seth Marsh, Perry, O. 2-3

WYCKOFF SINGLE COMB WHITE Leghorns, extra high score stock for sale cheap. Piasa Poultry Farm, Grafton, Ill. 2-2

ROSE COMB BROWN Leghorns. Layers and winners, stock and eggs. J. G. Cunningham, Pipestone, Minn. 2-4

SINGLE COMB WHITE LEGHORNS—Eggs from pens containing large, healthy, vigorous birds. Grand layers. Trap nested. Pedigreed. Eggs, 15c and 20c each, according to egg record of layer. H. C. Lloyd, Hobart, Okla. 2-3

WYCKOFF STRAIN WHITE LEGHORNS exclusively. Special matings with cockerels no akin. Eggs 3¼c each, 90 per cent fertility guaranteed. Chicks \$9 hundred prepaid. Booking orders now. Ohio Valley Hatchery, Ramsey, Ind. 2-3

ROSE COMB BROWN Leghorn cockerels, fine type. Mrs. Corda Dildine, Armstrong, Ia. 2-2

SINGLE COMB WHITE LEGHORN eggs \$1.50 and \$2 per 15, \$6 per 100. C. W. Diller, Steward, Ill. 2-4

BROGDEN'S ROSE COMB White Leghorns just won at Chicago, St. Louis, Oshkosh. Birds that have fine head points, shape, carriage and white. Stock and eggs. Circular free. Thos. Brogden, Rush Lake, Wis. 2-2

SINGLE COMB BROWN LEGHORNS. Won second cockerel Chicago, second, sixth, color and shape specials Ontario, both shows on same dates. Best collection Canadian National twice. Circular free. H. F. Becker, Waterloo, Ontario, Canada. 2-3

SINGLE COMB WHITE LEGHORN eggs from 196 egg strain, scoring 95 to 96½. George W. Wolfrum, Carey, O. 2-3

SINGLE COMB BROWN LEGHORN cockerels at reasonable prices. Amos Fulk, Kendallville, Ind. 2-3

S. C. BROWN LEGHORNS, laying strain. Eggs from good stock only \$1.50 per 15, four settings \$5. Florence Jeffris, Kirksville, Ill. 2-3

BRED TO LAY—S. C. Buff Leghorn eggs for hatching from sixty selected hens. Farm raised. Eggs \$1.50 per 15, \$7.50 per 100. O. L. Hamby, Fair Play, Mo. 2-3

FERNWOOD FARM ROSE COMB Brown Leghorn hens and cockerels from Ohio State Fair prize winning stock. Also Mammoth Pekin duck eggs and day-old chicks in season. Claudia Betts, Hillsdale, Mich. 2-3

BLACK AND BUFF LEGHORN eggs reasonable from Chicago, Omaha, Kansas City, Minneapolis prize winners. Nick Fuse, Naperville, Ill. 2-3

ROSE COMB WHITE LEGHORNS. Elephant strain. First cockerel at Seattle, Iowa State two firsts and club cup. Cockerels \$2 to \$15, eggs 5c to 33 1-3c each. Circular. Rogers Ranch, Pleasanton, Ia. 2-4

SINGLE COMB WHITE LEGHORNS of a trap-nested, heavy laying strain, \$12 per 100, eggs for hatching \$1 and \$1.50 per setting, \$6 per 100. Write Mizpah Leghorn Farm, Box 68, Mizpah, N. J. 2-1

ROSE COMB BROWN LEGHORN EGGS—Rochester winners, Kulp strain. Gertrude Nichols, Elkland, Pa. 2-3

SINGLE COMB WHITE LEGHORNS—Handsome, sterling layers. Winners three firsts during January. Eggs, 15 at \$2. E. E. Selle, Freeport, Ill. 2-3

HIGH SCORING SINGLE COMB BUFF LEGHORNS—Eggs, 15, \$1; 50, \$3; 100, \$5. Satisfaction guaranteed; no stock for sale. James Percy, Martinsville, Ind., Route 11. 2-3

SINGLE COMB WHITE LEGHORNS—15 eggs \$1; 50, \$3; 100, \$5. Mrs. Hiram Avery, Martinsville, Ind., Route 16. 2-3

EGGS FOR HATCHING—From high class S. C. Buff Leghorns; standard color, good shape, size; "Cook's" strain S. C. Buff Orpingtons, well selected stock. R. B. Kirchner, Ashton, Mo. 2-3

MY SINGLE COMB BROWN LEGHORNS are noted for size, eggs, blue ribbons and silver cups. Special matings, 15 eggs, \$3; 15, \$1; 50, \$2.50; 100, \$4. Miss Maggie Sword, Pekin, Ind. 2-4

SOME GOOD SINGLE COMB BROWN LEGHORN COCKERELS—Eggs, 15, \$1; 100, \$4; large orders specialty; 32 years breeder. Ed B. Murphy, Box 4, Carmel, Ind. 2-3

S. C. BROWN LEGHORN EGGS—Exhibition and utility. Catalogue and mating list—send for it. Upland Poultry Farm, Box B, Decatur, Ill. 2-3

EGGS FROM PRIZE WINNING SINGLE COMB BUFF LEGHORNS—Exclusively 11 years. Select mating, \$1.50 per 15; utility stock, \$1 per 15; \$3 per 100. Mrs. J. Frank Carnahan, Adrian, Mich. 2-3

ROSE COMB BROWN LEGHORNS—Kulp's 242 egg strain. Eggs from high-scoring and prize-winning stock, \$1, 15; \$4 per 100. Pirtle Poultry Farm, Bloomfield, Iowa. 2-3

SINGLE COMB WHITE LEGHORNS—Wonderful laying and exhibition strains. Wyckoff and Youngs direct. Wyckoff eggs, \$1 per 15; \$5 per 100; Youngs eggs double. J. A. Shine-man, Canajoharie, N. Y. 2-3

S. C. W. LEGHORNS—Exclusively for 26 years; have now the best I ever owned. Stock and eggs at reasonable prices. J. H. Kollmeyer, Quincy Heights Poultry Farm, Quincy, Ill. 2-3

FOR SALE—Eight choice pens Single Comb White Leghorns, Youngs strain. Riverside Poultry Farm, John Ott, Decatur, Ill. 2-1

FOR SALE—Choice specimens Single Comb Brown Leghorn Cockerels. Riverside Poultry Yards. John Ott, Decatur, Ill. 2-1

EGGS AND CHICKS from Robey's healthy vigorous, farm-raised single comb white Leghorns at right price. Exhibition and utility. Correspondence invited. James H. Robey, Box 62, Fairfield, Ill. 2-3

SINGLE COMB WHITE LEGHORNS—Easing strain. Cockerels \$2 and \$5 each. Embden and White China Geese for sale. Eggs in season. M. K. Anthony, Box 23, Waldo, Ohio. 2-3

R. C. W. LEGHORNS—Winners at Rochester and Elmira. Cockerels for sale; eggs, single settings, 100 or 1,000 lots. Satisfaction guaranteed. Send for mating list. Sunny Slope Farm, J. S. Carr, prop., Bradford, N. Y. 2-3

YOUNG STRAIN SINGLE COMB WHITE LEGHORNS—Winners at Johnstown, Schenectady, Albany, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 2-3

ROSE COMB BUFF LEGHORNS—Ten entries, ten prizes, this year at Chicago, Milwaukee and Blue Island, none scoring less than 90½. Stock and eggs at living prices. Anton Kakuska, 2353 S. Lawndale Ave., Chicago, Ill. 2-3

296 EGG STRAIN S. C. White Leghorns; trapnested. Eggs, \$1.00 15; 100, \$4.00. Homer Garges, Iuka, Ill. 2-3

SINGLE COMB WHITE LEGHORNS cheap, considering quality. William Ringhouse, Havana, Ill., R. 2, Box E. 1-3

SINGLE COMB WHITE LEGHORN cockerels from heavy laying strain, \$2; satisfaction guaranteed or money refunded. E. W. Harris, Agent, C. B. & Q. R. R. Co., Batavia, Ill. 1-3

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three firsts, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 1-3

S. C. W. LEGHORNS. Winners at Coldwater, Mich., Dec., 1909, of four first, three second, two third and ten specials, scores 92 to 95½. Prices reasonable. C. W. & H. E. Hosmer, Union City, Mich. 1-3

S. C. WHITE LEGHORN COCKERELS—Quality and price right. Geo. F. Conrad, Amanda, O. 1-3

ROSE COMB BUFF LEGHORNS. Fine lot of young stock now ready. From high scoring stock, early hatched, farm raised, sold at farmers' prices. Highland Farm, Willis Brown, Prop., Slippery Rock, Pa. 12-3

SINGLE COMB BROWN LEGHORNS—I have for sale 1 extra good cock bird; also some extra good cockerels, both pullet and cockerel breeders; also pullets. A. F. Lehman, Toulon, Ill. 1-2

LEGHORNS.

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Tabor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 1-3

SINGLE COMB BROWN LEGHORNS—Young and old stock for sale. Breeders and exhibition birds. Twenty years a breeder. Member of S. C. B. Leghorn Club. Jas. Cane, Crescent City, Ill. 1-3

SINGLE COMB BROWN LEGHORNS exclusively. Good size and bred to lay. Settings, \$1. E. V. Crooks, 515 West Platte, Colorado Springs, Colo. 1-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonsport, Ia. 1-3

MILLS' 248 EGG STRAIN. Large S. C. White Leghorns; prize winners; unequaled. Write me. D. C. Mills, Station D, St. Clair, Mich. 1-4

ROSE COMB BROWN LEGHORNS—Michigan's favorites. Won at Detroit, Jackson and Ann Arbor. Intelligently culled. 17 years for eggs, size, color and vigor. Harkins & Son, Ann Arbor, Mich. 1-3

SINGLE COMB WHITE LEGHORN Cockerels, large (blue) white quills, not creamy, from 196 egg-strain, scoring 93 to 96. George W. Wolfrum, Carey, Ohio. 1-3

GOLDEN BUFF STRAIN Single Comb Buff Leghorns. Madison Square and Rochester winners. Stock for sale. Buff Leghorn Poultry Yards, Annville, Pa. 1-3

FOR SALE SINGLE COMB BUFF Leghorn cockerels for \$1.50 and \$2.50 each. O. L. Hamby, Fair Play, Mo. 12-3

BUFF LEGHORNS ONLY. 200 for sale. 100 fancy show cockerels. Write quick. G. S. Hall, Farmdale, Ohio. 12-3

SINGLE COMB SNOW WHITES exclusively. The Young strain. Winners in show and trap-nest. Fine cockerels, \$1.00 and up. Must have room. Satisfaction guaranteed. H. N. Clayton, Egg Line Yards, Catawissa, Pa. 12-3

SINGLE COMB BROWN LEGHORNS—few choice cockerels for sale. Dave Glatfield, R. 34, Peoria, Ill. 12-3

WYCKOFF SINGLE COMB WHITE Leghorns, extra high score stock for sale, cheap. Piassa Poultry Farm, Grafton, Ill. 12-3

SINGLE COMB WHITE LEGHORNS. Am one of largest breeders in Northwest. Won all ribbons but four at both Minneapolis and Minnesota State Fair, 1909. Standard bred hens, cocks and cockerels for sale at reasonable prices. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minn. 12-3

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SINGLE COMB WHITE LEGHORNS. One of the finest and greatest laying strains of S. C. White Leghorns in this part of the country. Eggs for hatching \$2.00 per 15, \$6.00 per 100. A few fine young cockerels for sale at reasonable prices. Lawrence Poultry Yards, Cooks Park, Evansville, Ind. 12-3

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FEW S. C. BLACK ORPINGTON COCKERELS—Scored, price reasonable. Write C. N. Hambleton, Jeffersonville, Ill. 2-1

SINGLE COMB BUFF AND BLACK ORPINGTONS—Winners at Philadelphia and Cleveland. Send for mating list containing cut of "Black Beauty." Book orders for eggs early. Cairngorm Farm, Nottingham, Ohio. 2-5

FOR SALE—Single Comb White Orpingtons, cockerels and pullets. Chas. Swanson, Watertown, Ill. 2-1

FOR SALE—Thirty cockerels raised from pen of Crystal White Orpingtons, direct from Kellerstrass, \$3 up. Settings of 15 eggs, \$5. Am member of White Orpington Club and breed only the one kind. Henry Meyers, Bangor, Mich. 2-3

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S. C. BUFF ORPINGTONS—Solid Buff from head to tail; good shape and eyes. Stock and eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Steward, Ill. 1-6

SINGLE COMB WHITE ORPINGTONS—Imported direct from William Cook of England. Also Crystal White Orpingtons. Eggs from large, vigorous, snow white, heavy laying stock, \$3 to \$5 per 15. Mrs. J. H. Weaver, Winamac, Ind. 2-4

BLACK ORPINGTON—Greenwood stock; scored cockerels for sale; eggs, \$3. O. Oakes, Zion City, Ill. 2-1

FOR SALE—S. C. W. Orpington eggs and stock. Dr. Colby, Hillsboro, Ill. 2-3

KELLERSTRASS STRAIN White Orpington eggs for sale now. From my best pen now at \$2 per setting. Address Woods Blaney, Roney's Point, Wis. 2-3

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SINGLE COMB WHITE AND BUFF ORPINGTONS—Byers and Kellerstrass strain. Fine young stock and eggs for sale at reasonable prices. Also Light Brahmas, cockerels and pullets, for sale from first class stock; eggs in season. Write me your wants; satisfaction guaranteed. M. J. Thompson, Buena Vista, Allegheny Co., Pa. 2-6

WHITE ORPINGTONS—Cockerels, \$1.50 to \$3 each; eggs, \$1.50 to \$3 per 15. J. I. Ault, Columbus, Ind., Route 6. 2-3

WHITE ORPINGTONS—Kellerstrass Strain; also prize winners, one pen. Fifteen eggs, \$3.50, express paid; fertility guaranteed. Correspondence solicited. Edward Buss, Janesville, Wis. 2-3

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FOR ORPINGTON EGGS and chicks, White, Buff and Black, drop postal to the Whittaker Orpington Farm, Attleboro, Mass., R. F. D. No. 4. 2-5

S. C. BUFF ORPINGTONS—Exclusively; stock direct from Cook. Eggs, 15, \$1.50; 30, \$2.75; 50, \$3.50; 100, \$5.50. Frank Myers, Oakwood, Ohio. 2-4

S. C. WHITE ORPINGTONS—Kellerstrass strain. Eggs from our pen of 8 high-scoring pullets, 93½; 95 points by "Mills," headed by our first prize cockerel, at the recent Iowa State Poultry Show at Des Moines; \$5 for 15 eggs. Mackey's Poultry Farm, Nevada, Ia. 12-3

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CRYSTAL WHITE ORPINGTONS—Won 12 premiums, color special, Ames, Marshalltown. Eggs, \$5 per 15; chicks, \$10 per 13; \$250 pen from Kellerstrass, eggs \$10 per 15; chicks, \$20 per 13. Mating list. Glen Richards, Le Grande, Iowa. 2-3

ORPINGTONS.

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SINGLE COMB WHITE ORPINGTON EGGS—Choice pen, \$3; 2d pen, 15, \$1.50; 50, \$4. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

S. C. BUFF ORPINGTON COCKERELS for sale. Eggs in season, \$2 per 15. First cockerel, first second and third pullet, first pen, at Aurora shows. L. A. Anderson, Batavia, Ill. 2-3

S. C. BUFF ORPINGTONS of quality; can save you money and disappointment. Eggs and stock reasonable; also Mammoth Pekin Ducks, prize quality, eggs and stock. R. W. James, Mansfield, O. 2-3

SINGLE COMB BUFF, Black, White and Rose Comb White Orpingtons; scored cockerels, scientifically mated breeders. Eggs, \$1.50 to \$5. Hens with baby chicks, \$3 to \$5. Dr. Evans, LeGrand, Iowa. 2-3

S. C. WHITE ORPINGTONS—Cook's celebrated strain. Snow white, perfect shape, large size, early maturity. Splendid layers, especially during winter. Eggs \$5 per setting. Ozaukee Poultry Yards, Port Washington, Wis. 2-3

S. C. WHITE ORPINGTON pullets and cockerels. Eggs from three choice yards. Quality birds, large size, cobby type. Dr. B. A. Edwards, Beloit, Wis. 2-3

S. C. BUFF ORPINGTON EGGS—15, \$1.50; 30, \$2.50; 50, \$3.50, and 100, \$6. Bred Orpingtons exclusively eight years; buff to skin. D. J. Hurley, Mount Carroll, Carroll Co., Ill. 2-3

SINGLE COMB BLACK ORPINGTONS—Exclusive stock from the well known Coleman's prize-winners. Eggs, 15 for \$5. C. H. Black, Bellville, Ohio. 2-3

HAVING MATED MY PENS, can spare 1 and 2 prize winners, S. C. White Orpington Cockerels and full brothers of same, \$10, \$5 and \$5 respectively. Wolf, Mizpah, N. J. 2-1

CRYSTAL WHITE ORPINGTONS—Kellerstrass strain, blue winners at Omaha, Des Moines, Ames, Tremont, Salt Lake. Stock, eggs, baby chicks. F. C. French, Ames, Ia., and Salt Lake City, Calders Station. 2-3

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BLACK ORPINGTONS. A clean sweep at recent great Rochester show. 1st Black Orpington cock, 1st, 2d and 3d Black Orpington hens, 1st, 2d, 3d and 4th Black Orpington cockerels, 1st, 2d, 3d and 4th Black Orpington pullets, 1st, 2d and 3d Black Orpington pens. Fresh air houses, farm range; health and vigor. The demand for eggs will be larger than ever, therefore it will be wise to order early; shipment when desired. Send for mating lists. A few choice cockerels (big, husky fellows) for sale at low prices. Grannis Bros., R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1yr

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100 SINGLE COMB BUFF Orpington Cockerels up to and above standard weight. Score, 90 to 93½, by Russell and Heimlich. R. M. Seward, Lewistown, Ill. 1-3

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SINGLE COMB BUFF ORPINGTONS scored stock for sale. Write your wants. Eggs in season. Lorten Files, Mill Shoals, Ill. 1-3

SINGLE COMB WHITE ORPINGTONS—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

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SINGLE COMB BUFF ORPINGTONS. Nine years a breeder. Cook strain. Eggs, \$5.00 per 100; \$3.00 for 50. Pullets for sale. Fred S. Long, Fredericktown, Ohio. 12-3

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CRANE'S HIGH CLASS SINGLE COMB REDS are always in the winning because they conform closely to standard requirements. Eggs, \$1.50 per 15 and \$2.50 per 30, from same pens that produce my winners. Harry R. Crane, president Illinois Branch National Single Comb Red Club, Grafton, Ill. 2-3

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S. C. RED COCKERELS, from \$45 5-bird pen; goods ones; \$1.60 each; satisfaction guaranteed. Jay Crawford, Frazeysburg, O. 2-1

RHODE ISLAND REDS—Famous Riverside strain; bred twelve years for earliest continuous winter layers. Pullets proved steady gold mine this fall and winter; sittings, \$1.50 cash, fertility guaranteed. Henry Tibbitts, Riverside, Ill. 2-3

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RHODE ISLAND REDS.

SINGLE COMB REDS—Champion layers, prize-winners; 15 eggs, \$1.25; good hatch guaranteed. Mrs. B. M. Gibson, Salem, Ind., Route No. 2. 2-3

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KERN'S "RED COAT" strain of Single Comb Reds. Winners at Cedar Rapids, Muscatine, Montezuma and Washington. Write for "Special" on high-class eggs to new customers. Frank L. Kern, Riverside, Iowa. 2-3

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THE SINGLE COMB RHODE ISLAND RED farm flock captured 50 prizes and are great winter layers. Eggs, \$2 per 15. Address, Rev. N. D. Baldwin, Westfield, Ind. 2-3

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BRILLIANT ROSE COMB REDS—Large, choice, winners; red to skin. Cocks, 9 lbs. Eggs, \$1.50, 15; \$4, 45. Shipped well packed, guaranteed strictly fresh. E. Brack, Sunny Side Poultry Farm, Havenville, Kan. 2-3

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BUCKEYES—AT MISSOURI STATE SHOW, St. Louis, 1909, in largest class of Buckeyes ever shown in America, won 1st pen, 1st hen, 4th and 5th cockerels, silver cup for best male and female. Eggs, \$2 per 15, three settings for \$5. Exhibition mating, \$5 per 15. No stock for sale until fall. Highland Poultry Farm, Box A, Nevada, Mo. 2-3

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AT LATE MISSOURI STATE SHOW entered 20 Black Javas; won all prizes, 17 cash—\$30. Have for sale 9 S. Red cockerels, scored at Albion 90% to 94%. Herbert Hodgson, Albion, Ill. 2-1

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WHITE FACE BLACK SPANISH eggs, 15 for \$2. Winnie White, Watson, Ill. 2-3

BLACK SPANISH eggs from high-scoring birds, \$1.50 per 15. Have cockerels to spare. Emil Rusch, Freistatt, Mo. 2-3

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ELMWOOD COTTAGE POULTRY YARDS, J. H. Pitney, Prop., Eagle Bridge, N. Y. Colored, White and Silver Gray Dorkings. Eggs, fifteen, \$1.50; thirty, \$2.50. 2-3

SILVER GRAY DORKINGS exclusively for 21 years. Won more first and special prizes at New York and Boston the last thirteen years than all my competitors combined. Late winnings, 1910, \$100 champion challenge cup, Dorking Club cup, silver medal, first collection and shape and color specials. Eggs, \$3, 13; \$5, 26. Watson Westfall, Sayre, Pa. 2-4

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WHITE GUINEAS and thoroughbred chickens and eggs for sale by Zipp & Sons, St. Clair, Mo. 2-3

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BUTTERCUP EGGS, \$2 per 15. H. F. Gilbert, Farmersville, Ohio. 2-3

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EMBDEN GEESSE—first cock, hen, cockerel, pullet Scott County Show, 1906. Prices reasonable. Robert McCarthy, Winchester, Ill. 12-3

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"RINGLET" BARRED ROCK EGGS—Winners at Montgomery County Show, December, 1909, in hot company; Pierce, judge. First cock, first and second hen, first cockerel, first and fourth pullet, first pen, first, second and third yards. Write for mating list. CHAS. BAUER

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2-1



MORGAN'S GIANT BRONZE Turkey, largest strain in America. Prize winners. Tom sired by 53-pound toms, heads best yard. Eggs a specialty. Barred Plymouth Rocks, Bradley's strain, finely barred, grandest of matings, descriptive circular giving prizes won, free. B. F. MORGAN

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BARRED PLYMOUTH ROCK COCKERELS—The best I ever raised. Bright, clean color, fine barring. \$2.00, \$3.00 and \$5.00 each.

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WHITE ROCKS—FISHEL STRAIN Pens scoring 92 to 95 points, \$2 and \$3 per setting. S. C. White Leghorns, 93 point pen, \$2 setting. Utility matings — Rocks, \$8; Leghorns, \$6 per 100.

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"RINGLET" BARRED ROCKS—Cockerel bred and pullet bred, cockerels and pullets of the famous "Ringlet" strain of Barred Rocks for sale. Eggs from both matings, \$2 per 15; \$5 per 45; \$9 per 100. Guaranteed. Write us.

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1-10-1yr

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1-6

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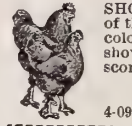
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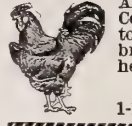
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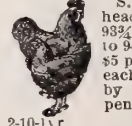
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S. C. BUFF ORPINGTONS—PENS headed by cocks and cockerels scoring 93¼, 93½ and 91¼. Hens and pullets up to 94¼. Eggs, \$1.50 per 15; \$2.75 per 30; \$5 per 60. Hens and pullets for sale, \$2.00 each. White Plymouth Rocks. Pen headed by cock scoring 94¼. Eggs from this pen, \$2 per 15. J. A. BLIGHMANN

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Catalogue free. W. M. SIMONS
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White Leghorn cockerels, with true
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Satisfaction guaranteed.

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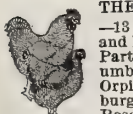
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and stock and have the birds to back me
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AMERICA'S FINEST BARRED AND
White Rocks and White Wyandottes bred
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My pens are mated for 1910. Eggs, \$1 to
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Give me a trial. I always please. OZARK
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THE FANCIERS CLUB, BUTLER, IND.
—13 varieties scoring 92 to 96. Rhode Is-
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Quality considered, my prices are the
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Write for free circular. B. G. DID-
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January, 1910, first cock, first, second,
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LIME ROCK, WHITE AND PAR-
tridge Plymouth Rocks and Single
Comb White Leghorns, Leghorn
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ROCKS. Choice speci-
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This is your chance to
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NORTHUP STRAIN—
Grand exhibition and
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let free.
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Silver Penciled Plymouth Rocks

and Janesville. At the last named show, four firsts and
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Single Comb : : Black Minorcas

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FIVE GRAND
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60 Eggs for \$3.00 30 Eggs for \$1.75 15 Eggs for \$1.00

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Chicks

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Rocks, White Crested Black
Polish. Direct descendants
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winners at Nebraska's
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200 head young stock bred
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detail. Birds \$2 and up. Frank Miltenberger,
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THE BIRDS BRED
by DeGray win, lay
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eggs for sale. Orders
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THIS NEW AND MOST
beautiful variety are fast
gaining in popular favor.
They combine utility with
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stock for sale. Winners
at Chicago, Milwaukee
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EXCLUSIVELY—THE
heavy egg producing strain.
Eggs for hatching, only
\$1.50 per setting. A few
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FIVE GRAND
pens. Topnotch
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TWO MEDICATED
nest eggs with each or-
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Mostly farm range. 25
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Bronze Turkeys, Barred Rocks,
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horns. Toulouse and Embden
Geese. Pekin Ducks and Indian
Runner Ducks. White Guinea-
fowls. BACHELOR BUTTON FARM,
Bert McConnell, Proprietor, Ligonier, Indiana. 2-1

WINNERS BRED FROM
winners and grand layers.
We have mated up our pens for this
season, with but one object in
view "quality." Egg orders now
booked at \$3 per setting; two
settings \$5. H. A. JACOBS
10-09-1yr

EXCLUSIVELY DUSTON
Strain—Choice early cocker-
els, \$2 and up. Pullets, year-
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high-scoring trios, \$10 \$12,
\$15; pens, \$10, \$12, \$15, \$18 and
up. Eggs \$0, \$3.50; 100, \$6.
Omaha shipments. J. H. FARIS, Forest Lawn Wyand-
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EXCLUSIVELY. BRED
from Ohio State, Cincin-
nati and Indianapolis win-
ners, are the kind I have
for sale. Satisfaction guar-
anteed. Illustrated circular
free. A. E. GRIMES
Decatur, Ohio

WHY BUY EGGS? WE
ship thousands of day-olds
each season and are book-
ing orders now for the
coming season. Our prices
remain very reasonable.
Send for booklet and testimonials. FREEPORT
HATCHERY, Box A, Freeport, Michigan. 2-1

PARTRIDGE... WYANDOTTES

for sale. H. R. MORGAN, Alcedo, Illinois 4-09-1yr

60-PAGE CATALOG

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good egg producers, \$10.00 setting of 15 eggs. Cock-
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FRANK VOHS, 4915 Alsace Av., St. Louis, Mo. 2-1

S.C.R.I. REDS

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EGGS EGGS EGGS

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DAY-OLD CHICKS...

2-2 The 20th Century Hatchery
Dept. H, Chatfield, Ohio

LICE

Water Street, Elmira, New York. 11-09-1yr

Baby Chicks

10c EACH, \$90 THOUSAND.
From Holmes' trap-nested 200
egg S. C. Crystal White Leg-
horns. Eggs \$1.50 for fifteen,
\$60 thousand. Stock for sale.
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Eggs, \$1 each; no order for less than five eggs. ELEV.
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Hoe.. Corn

2-2 HARLEY R. STICK, Ridgeville, Indiana

White : : : Wyandottes

2-1 M. W. GRIGG
Bushnell, Illinois

Baby.. Chicks

COLUMBIA POULTRY YARDS, P. G. Haley, Prop.,
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Grand Rapids, Michigan

MY BIRDS HAVE AGAIN
this season won their share
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Illinois State Poultry Show
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\$3 per setting. Write for
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FREE—SIXTY VARIETIES, ETC.—
chickens, ducks, geese, Guinea-
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VOBBA STRAIN—
Won first premium on
pen St. Louis Poultry
Show, 1909. Grand look-
ing birds, dead games,
good egg producers, \$10.00 setting of 15 eggs. Cock-
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THE VERY FINEST
type, up-to-date in shape and
color—the grandest money
can buy. Winners of the blue
everywhere. Eggs, \$3 per fif-
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FOR HATCHING—WHITE AND
Brown Leghorns. Utility and ex-
hibition stock from prize winners.
Birds \$3.50 and up. Eggs, \$3.50
per doz. Express prepaid on eggs.
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TEN VARIETIES—ALL PURE
bred. Safe arrival guaranteed.
Chick feed, brooder fixtures and
supplies. Our prices are right.
Catalogue and price list free.

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AUSTIN'S PYROTONE KILLS
lice and mites on chickens and
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From Holmes' trap-nested 200
egg S. C. Crystal White Leg-
horns. Eggs \$1.50 for fifteen,
\$60 thousand. Stock for sale.
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COLUMBIAN WYANDOTTES,
White and Barred Plymouth
Rocks. Many of these win-
ners and bred from winners.
Everything as represented.
Circular. J. A. LELAND, Springfield, Ill. 4-09-1yr

"Kellerstrass strain di-
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special mating of 6 high
scoring birds that are
sure to produce show
birds of grand quality.
ELEV. M. LONGMORE, Somers, Wisconsin. 2-3

AND RAISE CHICKS WHILE
the sun shines. White Wyand-
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Rocks. Some good stock for sale.
Eggs, \$1.50 and \$2 per 15. Satis-
faction guaranteed.

BEST QUALITY—THIS
year's crop is direct from
stock, not cut for color in
plumage, only 1½ on shape.
Prices reasonable.

OF QUALITY—FROM S. C.
W. Orpingtons and R. C. B.
Minorcas. From the finest
utility and the choicest ex-
hibition matings. Eggs for
hatching. Ten years expe-
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BEAUTIFUL IN MARK-
ings and fine in shape; just
the kind you want. Strong
and vigorous. Come and
see them or write for
prices. Mention A. P. J.

White and Brown Leghorns, Sin-
gle and Rose Comb Reds, Thor-
oughbred stock. Heavy laying
strains. Reasonable prices. Or-
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VALLEY CITY HATCHERY
Grand Rapids, Michigan

**SILVER LACED
WYANDOTTES**

2-3 SAMUEL SCHROEDER, Altamont, Illinois

A SPECIALTY WON AT the Altamont Agricultural Fair, first cockerel, second cockerel, first pullet, 1st pen. Especial fine laced wing bars. Will sell eggs from my choice matings at \$3.00 per fifteen.

EGGS

FOR HATCHING FROM S. C. Brown Leghorns, S. C. Black and White Minorcas, White Wyandottes. Also stock for sale. Write for prices. C. JACKSON
2-10-1yr Box M, Buchtel, Ohio

**Embsden
Geese..**

FIVE DOLLARS A pair. Mature stock. No 1909 hatch for sale.

**Single Comb....
White Leghorns**

sent upon request.

2-2

Miss Sallie Cox, R. R. 1
2-1 New London, Mo.

EXCLUSIVELY—BRED for fancy and utility. My faculty based upon 20th century method. Eggs \$1 per fifteen and stock one to five dollars. Circular and information O. B. SCHELLING
Leaf River, Illinois

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WYANDOTTES**

'USEFUL AND BEAUTIFUL'

F. H. WOOD, Sta. C, Cortland, N. Y.

MOST PROFITABLE poultry. Great Winter layers. Best market fowl. Handsomest show bird. Vigorous, hardy. Trap-nested. Farm raised 15 eggs, \$2.50; 30, \$4.50. Circular. Established 1892 12-09-1yr

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Send 10 cents today for club book. Tells why blacks are best of Orpingtons, and much other information.

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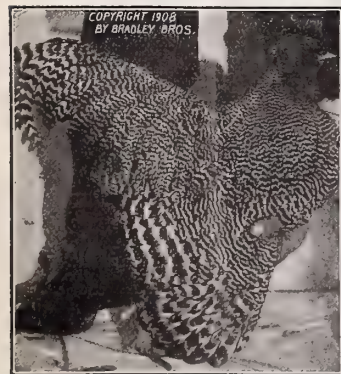
Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

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My famous Barred Rock cock—line bred from Kansas City, Chicago and New York winning blood lines. Properly mated pens for exhibition males of these winning blood lines a specialty. Satisfaction guaranteed. I please others, why not you? Catalogue.

Frank J. Overstreet
SPECIALIST

Box 106 :: Kiowa, Kansas



World's Champion of 1906,
Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of First Chicago Cockerel, 1902; also from the sire of First Chicago Male, 1906. These and other Chicago 1st Prize Winners were bred by us and hatched by customers FROM EGGS WE SOLD.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets. EGGS, From Best Pens We Ever Owned, \$8 per 13; \$15 per 26; \$25 per 50. All SELECTED PENS, BEST ONLY, No Poor ones. Fewer Breeding Birds, but more merit. We include eggs worth \$25 setting. FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

W. C. PIERCE

H. C. DIPPLE

White Wyandottes

In a class of about 130 birds at the great Illinois State Fair 1909, we won first cock, first and second hen second and third pullet and first pen. This, with other winnings in America's largest shows for the past ten years, demonstrates that we have the QUALITY. Four hundred farm raised birds to sell, show birds or breeders. Satisfaction guaranteed.

Dipple & Pierce, 114 North Delaware Street, Indianapolis, Indiana

: : : BARNETT'S POULTRY FARM : : :

Barred Plymouth Rocks

E. B. Thompson Pure Ringlet Strain—Two hundred fine farm raised cockerels for sale. Stock will be scored in November with the Hale explanatory score card. Eggs in season.

G. A. Barnett -- R. F. D. No. 1 -- Clinton, Illinois

**Easy to Read---Stays On**

After trying various others, Breeders, Judges and Poultrymen unanimously declare

THE "CONVENIENT" LEG BAND

—the best and most satisfactory they have ever seen. Made of Aluminum—sizes for all breeds, raised figures, quickly put on and won't lose off. The only Bands that are bent ready for use. 12 bands for 20c; 30 for 45c; 60 for 75c; 100 for \$1.00. Sample free.

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SINGLE COMB BUFF AND WHITE**Orpingtons**

Of the highest type and quality. None better. A grand lot of young birds for exhibition and breeding purposes at reasonable prices. Eggs for hatching from six grand pens, \$3 and \$5 per 15. Illustrated mating list free. My stock and prices are right. Write me your wants. Satisfaction guaranteed.

Edgemere :: C. A. Keefer, Prop. :: Muskegon, Michigan

Rose and S. C. Reds

THEY ALWAYS WIN—Genuine sacrifice sale of all my fine prize-winners, to make room for young stock. Some choice early birds for show and breeding at prices you can afford to pay. Write today.

Wm. H. Klug 895 Seyburn Avenue Detroit, Michigan

New York's First Prizes

Won by Bradley Bros., Lee, Mass.

BARRED PLYMOUTH ROCKS

AT MADISON SQUARE GARDEN THE PAST 21 YEARS

BIRDS WE BRED AND RAISED HAVE WON

{ 1st PRIZES, TOTAL—MORE by over 11 per cent }
{ 1st PRIZES, on COCKERELS—MORE by 20 per cent }
{ 1st PRIZES on MALES MORE by 11 per cent }

than any other exhibitor has won on ANY STOCK

All of the Silver Cups Competed for have been Won By Us 3 Times out of five.

Four 1st, Four 2d and Three 3d Prizes, besides other awards have been Won by Us at a Single Madison Square Garden Show.

THREE TIMES have Males of Our Breeding Won FOUR OF THE FIVE PRIZES Offered in the Class; INCLUDING FIRTS.

24 OF OUR "LEE BELLE" LINE

Of Females have been First Winners at New York Shows Alone. First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

First Prize Winnings at Chicago and Kansas City and at the Largest Shows outside of New York which our birds have won for our customers should alone be SUFFICIENT TO DEMONSTRATE THE SUPERIORITY OF OUR STRAIN.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets. EGGS, From Best Pens We Ever Owned, \$8 per 13; \$15 per 26; \$25 per 50. All SELECTED PENS, BEST ONLY, No Poor ones. Fewer Breeding Birds, but more merit. We include eggs worth \$25 setting. FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

: : : BRADLEY BROS., BOX 909, LEE, MASS.

S. C. W. LEGHORNS

EXCLUSIVELY

Huber's famous superior strain, not only demonstrated their superior exhibition qualities at Chicago, Dec. 7 to 12, 1909, where they won first cockerel, fifth cock, fourth and fifth hen and 3d pen, BUT excel all other strains in laying as well. The past year a flock of 150 hens averaged 170 eggs each, which stands unequalled.

Our breeding pens this season will be the best we ever owned. We still have a few good breeding cockerels and pullets to dispose of at reasonable prices.

If you are in need of stock, eggs or baby chicks, write us. Send four cents in stamps for our handsome illustrated catalogue, which contains our matings, etc., for 1910.

Huber Bros. : Box B : Kenosha, Wis.

WINNING WHITE WYANDOTTES LAYING

In cocks, hens, cockerels and pullets I offer choice specimens with deep round breasts, broad backs, well spread tails and snow-white plumage. Birds which will lay eggs and win ribbons for you. All farm raised, healthy, vigorous stock. Write at once telling just what you need. Harry W. Britton, R. F. D., Moorestown, N. J.

Hartman Stock Farm Poul. Yards COLUMBUS, OHIO

Eggs for hatching from our noted prize winning Buff, White and Part. Wyandottes, Barred Ply Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2d prizes wherever shown. Eggs \$3 and \$5 per 15. Choice stock always for sale.

DARK CORNISH AND WHITE INDIAN GAMES

1st Cornish cock and 1st pullet, Allentown, 1909. 1st White Indian ckl., 1st pullet, 1st pen. Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J. when writing.

JOHN A. MILLER : NAZARETH, PENNA.

NONPAREIL Barred Plymouth Rocks

Winners of Highest Awards at
America's Leading Shows

Boston, 1909 At this great show, with but 2 entries, in the strongest class of males ever shown, we won 1st cock, 3d ckl., special for best colored male, and others.

Cleveland, 1909 We made nearly a clean sweep, winning 8 prizes on 8 entries. 1st, 3d cock; 2d, 3d, 5th ckl., 1st, 4th hen, 3d pullet. A grand lot of choice breeding ckl. from our best lines at \$5, \$8 and \$10 each. Let us describe them to you.

NONPAREIL
WHITE ROCKS
are of the same
HIGH GRADE

EGGS From choicest exhibition matings \$5 for thirteen, \$8 for twenty-six, \$10 for thirty-nine. Our 1909 catalogue will give full description of our matings, and we wish every interested reader to have one, it is free. Send in your name now.

All correspondence and orders receive the personal attention of our Mr. H. P. Schwab.

Pedigree Scotch Collies for Sale

Schwab Bros., Box 452, Irondequoit, N. Y.

White Holland Turkeys

Prize winners weighing to 35 lbs. Grand birds, either for show or breeders. Write me if you want quality.

F. B. Cass : Buffalo Hart, Illinois

SINGLE COMB BUFF Leghorns

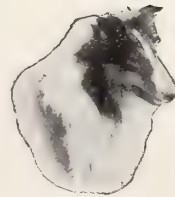
and Barred Rocks. Prize winning stock.
White and Bl. Rose Comb Bantams.
I can please you. Write me today.

Albert Anderson : Defiance, Ohio

KNAPP'S WHITE WYANDOTTES

Have been heavy winners at the Winter shows. Eggs for hatching and day-old chicks from birds that score 94 to 96 at prices that are not prohibitive. Send for circular.

Herbert H. Knapp : Tiro, Ohio



COLLIE DOGS

The world's best all-purpose dog. Practical people know the value of a good Collie. Sold 40 in past 3 months. Now going for the 80 mark. See that you get yours, and book on training, 25 cents.

F. R. Clark, Bloomington, Ills.
..Sunnybrae Registered Kennels..

BABY CHICKS

From Standard Bred Madison
Square Garden Winners

225-EGG HENS---12-LB. COCKS
Barred, White and Buff Rocks, Brown, White and Buff Leghorns, White, Columbian, Partridge and Buff Wyandottes, White and Buff Orpingtons, R. C. Rhode Island Reds, Light Brahmas, Black Langshans, Black Minorcas, Anconas and Silver Spangled Hamburgs, all from heavy laying strain. Every chick pure. Safe arrival and satisfaction guaranteed. Capacity 2500 per day. Price 8c up. Catalogue, price 10c.

FIRELESS BROODER

Double wall, galvanized steel outside, wool lined. \$1,000 for the man who will beat it with any brooder made or with hens. Price \$2.50.

Standard Hatchery : Attica, Ohio

What
E. H.
Harriman
has to say of

"The
Only
Way"



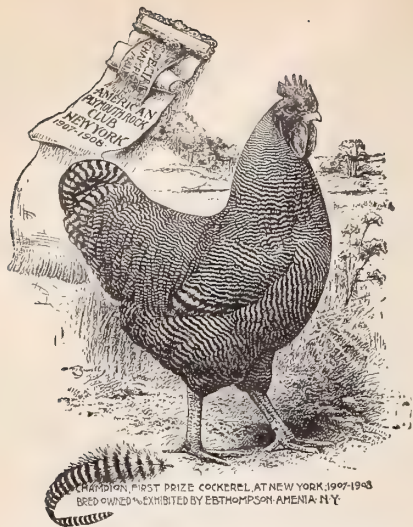
"The 'Alton' is today the best railroad physically in the state of Illinois; the service it renders is far ahead of most of the railroads in the state; it has been made 250 per cent better for two-thirds of its original cost; it is a perfect physical property, wisely managed and run in the way to give the people the best possible service. You may quote me in this respect."

The Record-Herald, Chicago.

Perfect Passenger Service between Chicago—
St. Louis—Kansas City—Peoria—Springfield.

W. L. ROSS,
Vice-President

GEO. J. CHARLTON,
General Passenger Agent
Chicago, Ill.



First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

E. B. THOMPSON

Lock Box 510, AMENIA, N. Y.

"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address



36 First and Special Prizes at BOSTON and NEW YORK 1907.

Winners at New York, from Life.

HAWKINS' ROYAL BLUE STRAIN PLYMOUTH ROCKS

BARRED, WHITE AND BUFF.

WYANDOTTES, COLUMBIAN, WHITE, SILVER, BUFF.

Have won more prizes at New York, Boston, Washington, and America's greatest shows than all others.

My matings this season are the best I ever owned.

At New York, in the strongest show of Barred Rocks ever seen, 451 Birds, I won 1st, 2d, 3d and 4th Cockerels; 1st, 2d and 3d Pullets; 1st and 3d Cocks; 1st and 2d Hens; 1st and 2d Breeding Pens. My other varieties are of the same high quality. Hundreds of choice exhibition and breeding birds at honest prices. EGGS from Prize Matings: one setting, \$5.00; two settings, \$8.00; three settings, \$10.00; five settings, \$15.00. \$20.00 per 100. Catalog of America's finest Plymouth Rocks and Wyandottes free.



First Cockerel at New York.

A.C. HAWKINS, Lock Box 25 Lancaster, Mass.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality.

Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois



LIGHT BRAHMAS

We won: Chicago, Dec., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet. Madison Square, N. Y., Dec., '09, 1, 3 hen; 2 cockerel; 5 pullet; 3 pen. Chicago, Dec., '08, 1, 2, 4 cock; 1, 2 hen; 4, 5 cockerel; 2, 4, 5 pullet; 1st pen and 1st display. Detroit, Jan., '09, 1, 2, 3 cock; 1, 3, 4, 5 hen; 1 pullet and 1st pen. Toledo, Jan., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet; 1st pen. Indianapolis, Feb., '09, 1, 3, 5 cock; 1, 2, 4 hen; 3 cockerel; 4, 5 pullet. Boston, Feb., '09, 4 cock. More prizes last winter than any two other Light Brahma breeders. Stock and eggs always for sale at reasonable prices. Young stock now ready for delivery. Send 6c in stamps today for our beautiful Light Brahma catalogue.

RIVER HOME POULTRY YARDS

BOX B

PERRYSBURG, OHIO

VOL. 41

MARCH, 1910

NO. 3

AMERICAN POULTRY JOURNAL



A CLEAN SWEEP!

After winning the beautiful silver cup presented by the President of the National S. C. White Leghorn Club at Madison Square Garden, N. Y., Dec. 28, 1909, to Jan. 1, 1910, for best cock, hen, cockerel, pullet and pen, we sent our stock to the Boston Poultry Association Show at Boston, Mass., Jan. 11 to Jan. 15th, 1910, and made the greatest win in S. C. White Leghorns that has ever been made in Boston; entering two pens, one of old and the other of young birds, and 3 cocks, 3 hens, 3 pullets and 3 chicks, we made a clean sweep of 6 firsts and a place with every entry, and won every special offered, including a silver cup, several money prizes, and many badges and ribbons. The 1st prize chl. was awarded the A. P. A. silver medal for being the finest chl. of all the Mediterranean class. He also won 7 other specials. The 1st prize pullet alone won 7 specials. In Barred Rocks we won 3d and 6th cocks, 4th and 6th chicks, 5th hen, 5th pen and the special for the best shaped female in the Barred Rock class. Send for beautifully illustrated catalogue and mating list. Exhibition and utility males and females at all times. Eggs for hatching. Day old chicks.

Everything Guaranteed

PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
J. H. HALLOCK, Proprietor, Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

ORPINGTONS

The Cheviot Poultry Farms

🌿 1910 Mating List and Catalogue is Just Off the Press 🌿

and will be mailed on receipt of two stamps to any one interested. Our business has increased 37 fold over that of this time last year, and the remarkable thing is the fact that this increase is noted chiefly from towns where we sold eggs last year.

In **Bufs** we have since last year made all our sensational importations. We have retained the cream of our raising and have now associated with us in breeding Bufs, Mr. Baker, who joins us with the best Bufs in America that won Judge Stanfield's trophy cup for best Bufs he judged last year, including Madison Square, Chicago and the National Buff Orpington Club meet at Cleveland. This is the only time in Orpington history that a National championship has been officially and indisputably established. No rhetoric nor billboard advertising can overcome this fact that we are offering this year the CHAMPION strain of Bufs in America. This wholly aside from our notable purchases in America and England which put us in Bufs we think fully as strong as we are in Blacks. We shall here take no space to speak of our wonderful **Blacks**. They are so universally known to be the best in America, and our business is now beyond our power to handle, so we need say no more of them. While other breeders were neglecting the Blacks we were hard at work building them up. At no time have we been able to meet the demand. This shows that there NEVER has been a time when the fellow who had the goods could not sell ALL the GOOD Blacks he could produce.

In **Whites** we are rapidly realizing our dreams. We have been able to get really good birds only by importing, and we now have birds of great size and splendid type. We have blended in our strain the blood of three of the leading English strains of Whites, and feel that in Whites we are very little below the supreme standard we have set in our Blacks and Bufs.

Send today for our 1910 mating list, or better still, come to see us, then we will get your order beyond doubt. We are now shipping eggs daily. Address all communications to

MILTON W. BROWN
CHEVIOT POULTRY FARMS :: CINCINNATI, OHIO

ORPINGTONS

1908-1909 Madison Square Garden Winner. On Buffs we won first and third cockerels, second and third pullets, fourth hen, fifth cock, silver cup for best cockerel, silver cup for best collection. Showed nine birds winning silver cup with 7 points more than any other breeder. On Whites at Cleveland 1908, first cock, first cockerel, first hen, first pullet. S. C. Blacks all sold.

CIRCULAR FREE

J. M. WILLIAMS & CO., Box B, North Adams, Mich.

REDS

FREE CATALOG, with photographs, describing 20 pens of the best R. C. Rhode Island Reds ever mated up, headed by CHICAGO KING and other noted males. Also S. C. Reds. Egg prices reasonable. Nine chicks guaranteed per setting. Fine breeding and exhibition stock yet for sale. Winners at Chicago, Cincinnati, Indianapolis, Detroit, Toledo, Milwaukee, etc. Please mention this paper when writing.

Edwin R. Cornish (Formerly Edwardsburg) 1426 E. Pontiac St., Ann Arbor, Mich.

JACKSON'S World's Foremost White Wyandottes

Have won the highest honors at Madison Square, New York, for many years, also World's Fair, Boston and Chicago. I have bred the winners for the most prominent shows of America past 12 years. Past year more than ever two of my patrons were the most prominent winners at the Alaska-Yukon exposition at Seattle, also Chicago, Kansas City, Louisville, Ky., and Indianapolis. I bred the cup winners for the best cockerel and pullet for the Ottawa, Ont., past two years, also blue ribbon winners at Montreal and other shows of Canada. Many owe their success to my strain and give me credit for it. I could fill this paper and more with testimonials I have received recently (am free to use.) Some of the most successful breeders are buying from me every year. **Remember**, any stock purchased from me can be returned at my expense if not satisfactory. Satisfied customers have been my best ad. If you want to be in the winning, get in touch with me. I have not only bred many first prize winners, they also won the cup for best show including all breeds in several shows. My egg trade has brought me many customers for stock. I will sell eggs from a limited number of the best pens, same I will hatch from, at \$5 per setting; 3 settings, \$10. Send for circular and see who breeds the winners. **J. H. Jackson, L. B. 88, Hudson, Mass.**



THE FAMOUS HEN "PEGGY"
Value \$10,000.00

First prize winner at Jamestown Exposition, Madison Square Garden, New York, and everywhere she has been shown. The reason we value the above hen at Ten Thousand Dollars is because we refused \$2,500 for her after we sold five of her chicks for \$7,500; and we will give \$10,000 for a "Crystal" White Orpington hen that will equal her in every way.—Kellerstrass Farm, Kansas City, Mo.

KELLERSTRASS WHITE ORPINGTONS

Are the biggest payers because they have proven to be the biggest winter layers

KELLERSTRASS STRAIN

CRYSTAL White Orpingtons are the grandest utility birds on record today, and as to their fancy quality they won first at Madison Square Garden, N. Y., 1905, 1906, 1907, 1908; also at Crystal Palace, London, England, Chicago, and Boston. If you need some birds to improve your stock or for the show room, write us, we have them, and the kind that win, as our past record shows. Stock and eggs for sale at all times. Remember, we are the originators of Crystal White Orpingtons, and breed only the one kind. We devote our whole time to this one breed. Send for catalog; mention A. P. J.

Kellerstrass Farm, R. F. D. No. 1, Box 98, Kansas City, Mo.
Originators of Crystal White Orpingtons, E. Kellerstrass, Prop., Life Member Am. W. Orpington Club and A. P. A.

GREATEST BUILDING MATERIAL OFFER

\$650 Buys the material to build this house



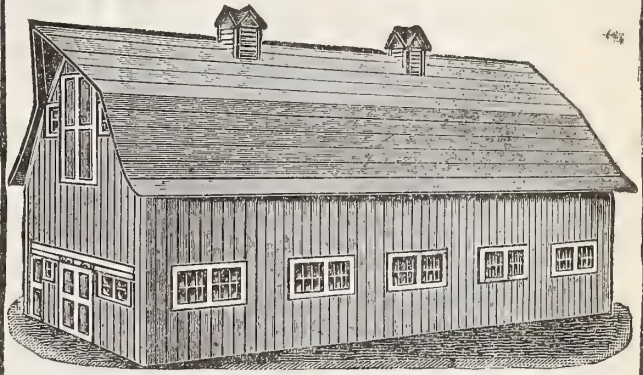
Our House Design No. 6

This is our leader, the best seller of any house ever designed anywhere, by anybody, at any price. Why? Because it comes nearer to filling the requirements of a home than any house of its size ever built. It is 33 ft. wide and 33 ft. 6 in. long, not including the porch. It has seven rooms, bath, pantry and a large front porch. It is of handsome appearance and symmetrical proportions. It is magnificently lighted and perfectly ventilated. Embodies every modern comfort and convenience. Our extremely low price makes it the best bargain proposition on the market. We cannot recommend this design too highly. Even if you don't need a home, build this house for an investment. You can sell it ten times over before it is finished.

EVER PUBLISHED!

Read Every Word of This Remarkable Offer

\$498 Buys the material to build this modern barn



Our Joist Frame Barn No. 221

The above is an illustration of our famous Joist Frame Barn. It is the most practical and serviceable barn ever designed. It may be built at a price very much cheaper, and has more available space than any other style. We can supply this barn in six different sizes, all of the uniform width of 36 ft. The above quotation covers a barn 36 ft. wide by 48 feet long and 18 feet high. The roof is of the self-supporting type, there being no posts in the hay loft. There are 6 windows on each side, 3 in each end and 2 in each gable, so the barn is thoroughly ventilated. Our price covers all the lumber, mill work, hardware and nails required to complete this building from the ground up. We can also furnish this design in larger sizes.

Of all wonderful offers advertised, this unquestionably is the greatest. The Chicago House Wrecking Company offers to sell you at a saving of from 25 to 50 per cent all the building material needed to construct the house or barn shown above. This means that we are absolutely leaving out all middlemen's profits and are dealing direct with the consumer. Our ideas are absolutely original and no other firm in the world has ever before advertised to completely supply the material such as is offered herewith. We are the largest concern in the world selling lumber and building material direct to the consumer. We propose to furnish you everything for the construction of these buildings as outlined in our offer. It will be in accordance with specifications which are so clear that there can be no possible misunderstanding. Our prices as given above mean for the material all correctly laid out in accordance with our plans and specifications.

We will furnish you an itemized material list. We will also supply blue prints, architect's specifications and full information needed to properly and economically erect these buildings. This is not an experiment with us. During the past year we have sold upwards of five hundred complete houses and barns. All the material is stored right in our main warehouse and yards at Chicago, ready to

ship promptly upon receipt of your order. We guarantee every stick furnished to be absolutely brand new. Don't pay any attention to what jealous lumber dealers or unscrupulous merchants may tell you to the contrary. We would not dare to advertise any false statement. If you buy a building and receive any material that is in any way, shape or manner to the contrary of our general and specific representation, we guarantee to take back such material at our expense and replace it with material strictly in accordance with our description, or to refund you the full purchase price of same, or make such adjustment as meets with your entire approval. As to our terms: They are as liberal as anyone could ask for. If you do not want to send money in advance, we will make shipment, to be paid for after it reaches destination, provided you furnish us with absolutely satisfactory bank references.

Our literature explains, fully, our operations. On application we will furnish you the names of hundreds of satisfied customers in all parts of the country. On request we will quote a price delivered, freight prepaid, at your railroad shipping point, thus there will be no question as to the ultimate cost of the material. You will know all the facts before you buy. We are not asking you to buy a "cat in the bag." You will see what you buy with open eyes.

Lumber and Building Material at 25 to 50 Per Cent Saving

We say to you positively that no matter what your wants in the line of building material, we can supply it, and always at a saving. This statement is backed by any number of unsolicited testimonials from those who have taken advantage of our liberal offers of the past. Especially do we urge you to act now. Never in years has lumber been offered at such low prices as we are offering it for at the present time, and it is good lumber, too, first-class, right up to grade, and as good or better than that carried by any local dealer anywhere. Every stick of lumber that we sell is new. Nothing "wrecked" about it. It is as good as can be bought. We haven't a piece of second-hand lumber in our stock, and if we did have it we would not sell it by mail. We are selling only new, clean stock, no shop-worn material, and all our grades are guaranteed.

Then our Mill Work. You cannot improve its quality. It's as good as anyone wants. It's better than 90 per cent of the dealers have for sale. We can furnish you every single thing you may need in the line of Doors, Sash,

Mouldings, Sideboards, Mantels, Interior Trim, or anything else, in other words, each and every article that comes into the construction of a building of any kind, and that includes also Structural Iron, Iron Beams, Iron Columns, or anything else in the iron line.

We have a complete stock of Roofing Material, both tin, steel, iron and ready roofing. We can furnish you shingles in all grades, everything in the way of plumbing and heating material. We can supply your plumbing, your heating apparatus as well as your paint. We can supply your wants in Builders' Hardware at a saving of 25 per cent or more. We mean your Nails, your Builders' Hardware and your Tools. And so it goes all the way down the line of material you need. We save you money everywhere, and the way to convince you of this fact is to have you submit to us a list of building material that you are in the market for. Let your carpenter or contractor, or whoever has charge of your building operations, send us a list of the material you need and we will give you a prompt estimate. We will, on application, name you prices, freight prepaid.

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Our BOOK OF PLANS is unquestionably the finest publication of its kind. It shows, true to life, about fifty houses and barns, describes them in a general way, and shows the first and second floor design of all houses and interior suggestions for all barns; gives prices complete and at the same time shows the additional cost of plumbing, heating and painting. Even if you have no immediate intention of building, you should send for this book. Fill in the coupon to the left and we will send it to you at once.

Complete Blue Prints of any of the designs are furnished at \$2.00 each with privilege of returning same and receiving a credit of \$1.50, so the net cost would be but 50c. Or keep the blue print and when you purchase your building material from us for the complete construction, we will give you credit in full for the \$2.00 charged you for the plans.

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Our Mammoth GENERAL CATALOG contains 10,000 bargains of merchandise for the home, the field, the factory and the office. Represents our complete stock bought at various sheriffs' receivers' and manufacturers' sales. Gives illustrations and explains our quotations. Tells about our wonderful stock. It is a price maker in every sense of the word. You will find that in every instance we undersell regular merchandise houses. Goods are described just as they are. There are some 450 pages of interesting quotations and reading matter. You will also find that we show our Rugs, Carpets and Floor Coverings in their natural colors, so that you can see just what they look like after you receive them. Write us for this book at once. It costs about \$1 to place a catalog in your hands, but we mail it free of all charge if you fill in the coupon.

CHICAGO HOUSE WRECKING COMPANY, CHICAGO

A Pretty Good Thoroughbred Yearling



M. M. Johnson, Incubator Man

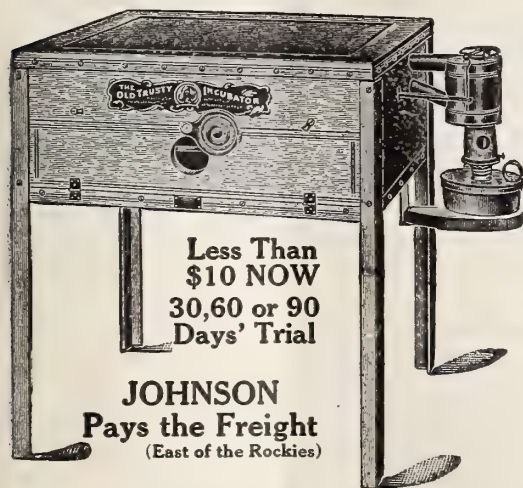
THE METAL covered Old Trusty Incubator is a year old. Its pedigree and record is all right. It averaged above 80% hatches among 52,000 customers the first season. See the hundreds of handsome photographs in the 1910 Old Trusty Catalog. More pictures in one year than all competition has in their lifetime.

During 1909 three great agricultural papers offered premiums to their subscribers for the best hatching done with incubators for the season. The papers were the Farmers Mail and Breeze of Topeka, Kansas, the Missouri Valley Farmer of Topeka, Kansas, and Successful Farming of Des Moines, Iowa. The three great papers represent over a half million subscribers. Over 2,000 contestants in the hatching contest. The metal covered Old Trusty won every premium offered in all three papers.

Without fear of contradiction, more metal covered Old Trusty Incubators were sold during 1909 than all other kinds combined and I have the largest and best equipped exclusive incubator and brooder factory in the United States, employ more mechanics, the largest bonafide working capital, the highest grade goods at the lowest living prices.

I made a 10% profit on 52,000 machines during 1909. For the year of 1910, I am making a 70,000 output at 8% profit. I am even doing better than 8% profit, it comes nearer 5% profit. No other concern on earth would dare to undertake it.

There is nothing cheap about the Old Trusty Incubator except the price. If I wanted to reverse it I could make incubators that would not cost me one half and they would still look very good in a picture, but, they would not be the Old Trusty Incubator that has been making money for my 150,000 customers in the last seven years. They would be more like the imitations of the Old Trusty that flood the market each season.

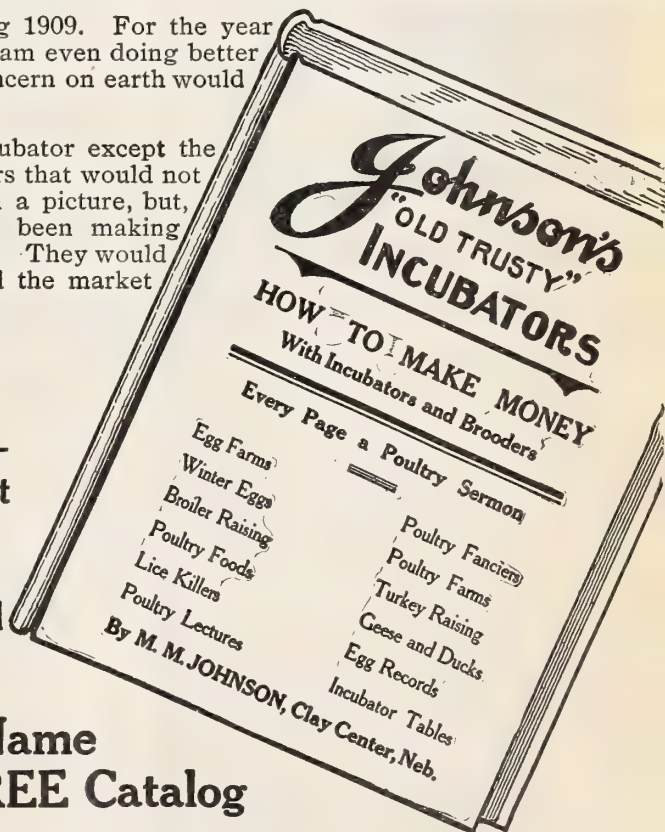


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\$10 NOW
30,60 or 90
Days' Trial**

**JOHNSON
Pays the Freight
(East of the Rockies)**

**Simple
and Sure—
80 Per Cent
Better
Hatches
Guaranteed**

**Send Name
For FREE Catalog**



There is not room in this advertisement to describe the Old Trusty Incubator and Brooder. Drop me a card, write me a letter or fill out the attached coupon and I will send you my Old Trusty Catalog which describes my incubators and brooders, quotes the lowest prices, the fairest on trial plan and a guarantee that makes you safe for ten years.

Read the subjects treated on the accompanying cut of the catalog. Then send me your name and address —

**M. M. JOHNSON, Incubator Man
Clay Center, Nebraska**

COUPON

M. M. Johnson

Incubator Man

Clay Center, Neb.

My Name is.....

Address.....

Send Free Catalog.....



POULTRY CUTS

Our new catalog now ready: latest and best designs: all varieties. Send for it today. Also poultry postcards; sample of your variety for stamp. Chas. L. Stiles, Columbus, O.

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Square Garden show; also second hen. On two entries at Philadelphia last year, two firsts and special. Stock and eggs for sale. Both cockerel and pullet lines. Write for prices and particulars if you want the best.

B. A. Oakley Brooklyn, Pa.

THE IMPROVED CHAMPION LEG BAND



Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Initials, 10c per hundred extra. Also Pigeon Bands.



THE SUPERIOR is securely locked; can't lose off; six sizes. State breed and sex. Price postpaid, either kind, No. to suit, 12, 15c; 25, 20c; 50, 35c; 100, 60c. One sample for stamp. Circular free. T. CADWALLADER, Box 952, SALEM, OHIO

8 CENTS EACH

Shipped safely anywhere. Eggs \$4 per 100. Fine poultry catalogue free.

CULVER POULTRY FARM

Breeders of fine poultry from the world's leading strains : : :

921 BURNHAM, BENSON, NEB.



A Medical Poultry Book Free to You

Every person interested in poultry, as a breeder or in a commercial way, will find "Zenoleum Chicken Chat" a useful and reliable adviser. It gives full directions for the treatment of all diseases that affect poultry, and the prevention of contagious and infectious diseases in the poultry yard. It tells the most effective treatments to rid the flock of parasites, such as lice, mites and various germs, that cause roup, pip, tapeworm, canker, typhoid, blackhead, etc., that if allowed to spread in the flock will surely cut off all chances of profit, and disgust the owner with the business.

"Chicken Chat" is the production of the most competent authorities on diseases of fowl, and is printed and sent out free by the manufacturers of Zenoleum Disinfectant, Germicide and Lice Killer, which has the endorsements of FORTY-FIVE out of forty-eight State Agricultural Colleges and Experiment Stations.

"Chicken Chat" teaches the doctrines of cleanliness, disinfection and the prevention of disease as the surest and safest method of making the industry profitable.

To the commercial poultry raiser, who must depend upon the incubator to hatch out his chicks, the report of the Ontario government poultry expert, obtained in a series of tests at the Ontario Agricultural College at Guelph, will be found of especial value. This test shows that the free use of Zenoleum in the incubator not only causes a large percentage of live chicks when hatched from the eggs in the incubator, but a greater percentage were alive at the end of four weeks than without the use of Zenoleum, or by hens under ordinary conditions. In other words, the chicks hatched out in the incubator treated with Zenoleum had greater vitality, and consequently were better able to stand the various ills that cause the death of one-half the hatch of incubators operated in the industry, and the Canadian government issued a bulletin on the subject, which will make the business more profitable and certain than ever before.

"Chicken Chat" is free to every reader of this paper. A cent spent for a postal card will return you a profit of many dollars. Address Zenner Disinfectant Company, 117 Lafayette Avenue, Detroit, Mich., before you forget it.

You Owe It to Yourself

To investigate carefully before you place your order for those eggs for hatching or baby chicks, exhibition and utility Barred Plymouth Rocks, White Wyandottes, S. C. Rhode Island Reds, S. C. White and R. C. Brown Leghorns and Pekin Ducks. Cockerels for sale. Eggs \$1.50 per 15; chicks \$10 per 100. Philo system brooded, raised on free range and housed in open front houses. In price and quality we can give you unequalled value. Shall we hear from you, please? You won't regret it. Send for our catalogue, mentioning your wants and this paper and make the acquaintance of

Crystal Spring Farm Snavely Bros., Proprietors C. B. Snavely, Manager R. R. 5 E, Litzitz, Pennsylvania

Eggs For Hatching Now Ready For Shipment from Charles G. Pape's

Single Comb Black Minorcas

Guaranteed to hatch regardless of shipping distance. For the third consecutive year my birds were awarded **highest honors** at the Chicago 1909 show, in competition with forty-four birds in the open class and four pens. Having mated my breeding pens I have to spare some choice trios and pens, and all sexes of utility and show birds. The greatest layers of large white eggs in America. If you can spend three minutes daily in recreation and want to add weight to your surplus cash, write for information relative to **special pen offer** to beginners. All transactions guaranteed satisfactory.

Charles G. Pape, 1617 North Cass Street, Fort Wayne, Indiana
Member American Poultry Association—Vice-President American Black Minorca Club for Indiana

A Treatise on Food and Egg Production

A valuable book for anyone who is raising fowls for egg production. It gives in a very plain and concise form the composition of the different foods.

It tells how and what to feed to produce eggs in winter.

The author has sent this book on approval and has always received the money for same at once, which is proof that the book is valuable.

By special arrangement with the publisher we are offering this book and one year's subscription to American Poultry Journal for only \$1.00. Send all orders to

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

Twelve Months' Work in the Poultry Yard

By W. Theo. Wittman, Acknowledged by All to be One of America's Foremost Authorities and Judges

Starts you in January, and take you clear through the year—telling you just what to do to successfully handle your fowls in the safest and most economical way that is consistent with good business methods, to make the largest success possible with your fowls.

It doesn't tell you how to make two hundred dollars from twenty hens

but it gives you a short, boiled down, and up-to-date treatise on lines that are practical and can be executed with safety. The contents of this book are intensely practicable, and teach a method of poultry keeping exactly opposite to that which is complicated and unnecessary. Price 25 cents.

THE POULTRY ITEM

The largest Eastern poultry Journal, published at Sellersville, Pa., 68 to 140 pages monthly. Special breed numbers starts in September and continue until May, 1910. Tells you how to secure larger and more profitable returns from your chickens. Extremely helpful and valuable. Get a-going right in the poultry business. Many are making \$2.00 per hen each year. Are you? The Poultry Item will keep you posted on latest methods and poultry secrets. The Item stops when time is up. Price 50 cents the year. Order it now at the following special terms.

A Year's Subscription to The Poultry Item and 50c Twelve Months' Work in the Poultry Yard, only 50c

Address all orders to

The Poultry Item :: Sellersville, Penna.

The Real Secret of Big Hatches

BY P. M. WICKSTRUM.

Not less than 6 different books about "Poultry Secrets" have come out lately. I have them here on my desk at this moment. I've read them all, from cover to cover, and I'll swear there isn't a new and valuable idea in one of them on getting big hatches. My Poultry Guide and Catalog that I postpay free to any good poultry woman or man, actually contains more genuinely helpful advice on *Hatching and Raising Chickens for Profit* than any of these books of so-called "Secrets" that sell for 50c and upwards.

The great trouble with poultry raisers—especially beginners—is, they think any old incubator will do. Whereas, you can count on the four fingers of one hand all the incubators that are helping make the Poultry Business pay big profits. I know what I am talking about, because I have tested all kinds in my experimental work.

A fellow once said to me, "Oh, an incubator is just an incubator—four legs, a box, a lamp and some egg trays. That's all there is to it. All just alike." I need not tell you this same individual has made a failure of everything he has undertaken. He wouldn't even give his good wife a chance to lift the mortgage by spending an extra dollar or two for a first class incubator. No, sir-ee! He bought a "cheap" one.

The Incubator With a Record

To anyone who wanted an incubator just to look at, I would say "buy the cheapest rattle-trap you can find." It's apt to be painted up very temptingly and prettily. It's all right to set flower pots or milk pans on.

But—if you are going to raise chickens for profit—if you want big hatches—if you want healthy chicks that grow into sturdy, plump fowls, then I say "buy the incubator with a record behind it."

Here on this page are pictures of men and women who use Queen Incubators, and of a number of prize-winning pullets. I promised to print them this month. These "Queen" records and victories are in no sense surprises to me or to those of you owning "Queens." My new 1910 Poultry Guide includes between 140 and 150 similar letters and pictures, besides numerous other pictures and discussions of absorbing interest to poultry raisers. The pictures here shown are only a "drop in the bucket." It keeps me busy evenings reading the good letters I get daily from "Queen" owners. No wonder I am enthusiastic and willing to go the utmost limit in proving the virtues of my incubator!

See the Heart and Lungs

I have sawed off the legs of my incubator and ripped the body in two, exposing the heating, ventilating and regulating system, so that you can see (in the picture below) the vital parts—the very heart and lungs of the machine.

Now, four thermometers—one at each corner of the heating plant—(note the copper pipes) register within $\frac{1}{4}$ of a degree Fahrenheit the same temperature. That means every egg receives proper and equal heat nourishment. The lamp is not only a fuel saver, but is absolutely safe at all times.

The heating apparatus is of pure Lake Superior cold-rolled copper, and copper won't rust. My Queen Incubator lasts much longer than iron or tin-made incubators. Copper costs four times as much as iron. Through and through, the "Queen" is safe, substantial, sound and durable.

The "Queen" Incubator is self-regulating at all times. Put it in your barn, wood-shed, kitchen, dining-room or parlor—I care not where—and it will hatch more chicks and healthier chicks than any other machine on earth. Other people have found it so and your experience will be the same after you have tried my "Queen" free for 3 months.

Let every man or woman reader of this paper decide to try a "Queen" Incubator. The trial shan't cost you a cent. For I won't

BEGINNERS AND EXPERTS USE AND RECOMMEND IT

In Big, Successful Hatches and Prize Winners, Queen Incubator Now Leads Them All

Probably the most interesting events in the poultry world during the past year have been incubator tests. Among the many performances, the "Queen's" record has been most remarkable.

Beginners and amateurs have found the "Queen" a little Gold Mine of Profit to them.

Experts who raise fancy poultry are using the "Queen," too, because it hatches the strongest, "classiest" chickens. These victories for the "Queen" stamp it as the leading incubator and certain to give satisfaction to everybody.

Hatched 95 Per Cent.



Mrs. Johnson

Mrs. Grace Johnson, Scottsbluff, Neb., says: "The following report will give an idea of what we have done with our Queen Incubator and Brooder: first hatch, 98 out of 102 eggs; second, 107 out of 111; third, 80 out of 94; fourth, 94 out of 101—of the 389 hatched only 5 were lost in the brooder. This is a trifle better than 95 per cent. This is the first 'Queen' we ever saw." (Mrs. Johnson has recently bought two more Queen Incubators.)

Mrs. Harrell's Report.



Mrs. Harrell

'Way down in Micanopy, Florida, a good woman, Mrs. H. H. Harrell, who knew nothing about an incubator, tried a Queen last spring. On Oct. 11, 1909, she writes: "I purchased a Queen, 110-egg size incubator last spring. My first hatch came off. I raised 90 chicks." On Dec. 6 she sent in her picture and said: "I am anticipating great success with my 'Queen' next spring." This shows how even a beginner succeeds with a good incubator.

News from Texas.



Mr. Nees

Mr. Otto Nees, R. F. D. No. 5, Gainesville, Texas, writes: "There are ten kinds of incubators within 4 miles of us, but I had much better success with mine than any. I had no experience in running an incubator. The Queen Incubators are so easy to regulate, keep such an even temperature, and turn out such healthy chicks, which grow right along. I think the Queen Incubators and Brooders are the best on the market."

No Night Work.



Mr. Olson

It gets pretty cold up in Minnesota. It will be interesting to know the experience of Mr. J. L. Olson, of Hoffman, Minn., proprietor of the River Hill Poultry Yards. He says, (last October): "I think it's time to write you about your incubator and brooder. I received the outfit January 12th in good condition. As I am a breeder of fine Rose Comb Brown Leghorns, I am very careful to buy good hatching outfits. You know Leghorns hardly ever lay." I began to look over the incubator. I find everything in good looking order, and best of all is the adjustable wafer. It's worth the money alone. I started my 160-egg size March 5th, and we had a very cold spell, but the incubator ran steadily—no night work—in the morning I find it the same as I left it, 103 to 104. I hatched 91 per cent and I call it good so early in the season. I raised them to nice big fellows. The second hatch was still better, about 98 per cent.

let it. Try it on my plan—or on yours, if you know a fairer one. My present plan is:

1. 90 days' free trial—more time if you ask for it.
2. 5 years' guaranty, worded to suit yourself, if my regular guaranty doesn't suit YOU.
3. Direct factory prices—every penny you pay you get back in incubator value—no "rake off" for jobbers and dealers.
4. Freight prepaid—all Queens are shipped by fast prepaid freight—no trouble, no bother to you. You know the total cost of your incubator before you buy it, and can



Minerva L. Weatherman

Good Woman Pleased.

Minerva L. Weatherman, New Port, Indiana, Dec. 1, writes: "Am so enthused over the Queen! With my 110-egg incubator I hatched nearly 400 chicks out of four hatches and raised 75 per cent of them. My neighbors hatched as many chicks in a 240-egg capacity incubator, but they could not raise one-half of the chicks."

First Prize at Seattle Fair

This beautiful Barred Plymouth Rock Pullet "Seattle Queen," owned by Mrs. Perry Strandberg, Davey, Neb., won the Grand Prize at the World's Fair Poultry Show, held at Seattle, Sept. 27th-Oct. 6th, 1909. Mrs. Strandberg entered one pullet, one hen and one cock. The cock as well as the pullet won the first prize in his class: the hen won fourth prize. All three of these prize winners at Seattle were hatched in a Queen Incubator and raised in a Queen Brooder.

Mr. and Mrs. Strandberg raised 1000 Barred Plymouth Rocks last year. They have hatched several other prize winners in the Queen Incubator and raised them in the Queen Brooder. The winnings of these birds show that incubator-hatched and brooder-raised chicks are strong and vigorous. It is proof that the "Queen" hatches strong, healthy chicks, that live and grow and make money for their owners. Poultry fanciers and experts prefer the "Queen."

First Among 5000

Now look at "St. Louis Belle!" She went down to St. Louis sight-seeing last December and she came back with "rings on her fingers and bells on her toes." More than 5000 blooded chickens were entered in the great Poultry Show, but this handsome pullet who never knew any "mother" but a Queen Incubator, received first prize and the highest honors.

Refused \$100 Cash for Her

This is "Victoria" at the right. She certainly is well-named, too, for at the Nebraska State Show, about a year ago, this majestic fowl was declared Queen of them all. Perhaps she knew that her "mother" was a "Queen." Her owner shook his head in disgust when offered ten crisp ten-dollar bills for "Victoria."

Page 69 of the free Queen Poultry Guide gives a large picture of "Seattle Queen" and tells how the judges and spectators opened their eyes when "Seattle Queen" was placed on exhibition.

figure on making "FAT" poultry profits.

Intensive Chicken Farming—raising poultry for big, sure profits—is the greatest-paying business I know of. If I were not making the very best incubator of all, thereby benefiting poultry raisers everywhere, I would go into Intensive Chicken Farming on a monstrous scale at once. I may do it anyway, later on. I already own a fine chicken farm near here.

But the Queen Incubator has succeeded beyond my fondest hopes. Its fame has spread like wildfire from farm to farm, from neighborhood to neighborhood, from state to state, until now I am no longer concerned about how many I shall sell, but how to fill all the orders that pour in.

The coupon has been placed here below especially for your use. Do not be backward about sending it in. My Poultry Guide and Catalog cost me a little over 9 cents, but you are mighty welcome to one copy—free. And I won't try to crowd you into buying anything. That part will be entirely up to you. Fill out and mail this coupon now or send postal or letter if more convenient. I want to give you the real Secret of Biggest Hatches—and Biggest Poultry Profits! Please address me,

WICKSTRUM, The Queen Incubator Man, Box 4, Lincoln, Neb.

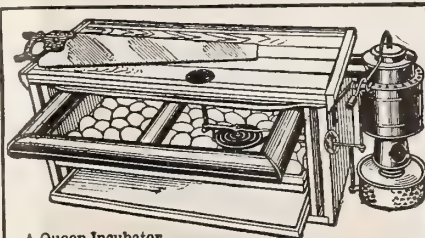
Send Me This Coupon To-day

WICKSTRUM, The Queen Incubator Man, Box 4, Lincoln, Neb.

Please send me your Poultry Guide and Catalog. I am interested in Incubators and Intensive Chicken Farming.

Name

Address



A Queen Incubator

sawed in two (except that the radiator was not cut). Observe position and location of the lamp, the magnificent hot water heating plant inside the machine, the egg tray, chick tray below, the insulated double walls—and the regulator. Note the thermostat, entirely away from the pipes, but very close to the eggs.

FREE! ORIGIN AND HISTORY of All BREEDS OF POULTRY

THE greatest book on poultry ever published, contains sixty-five pages of reading matter, size 9x12 inches, also contains illustrations of 198 different fowls in their natural colors, painted from life. Regular price \$1.00. It has taken years to complete the drawings for this book. It is something never before attempted by any publication, not even the Standard of Perfection contains pictures of fowls in colors.

This book is being sold for \$1.00 every day, but we want every poultryman to have one, as it is the grandest piece of work ever accomplished in poultry literature and is a living ad for its publishers—American Poultry Journal Publishing Co. To accomplish our object and get a copy of this book into the hands of every poultry fancier, we will give one copy FREE for the first six subscriptions to American Poultry Journal you send us at one-half our regular subscription price.

Send us six subscriptions to American Poultry Journal together with \$1.50 and we will send you, postpaid, a copy of the Origin and History of All Breeds of Poultry.

BUT THIS IS NOT ALL

You can take subscriptions at any price from 25 to 50 cents and keep everything above 25 cents as your commission. For the first six subscriptions you send us you will receive a copy of the Origin and History of All Breeds of Poultry as per offer above and these subscriptions will count on the grand prizes listed below as well as any other subscriptions you send us.

Do not fail to read this list carefully as the prizes are well worth your time and trouble and will many times repay your efforts to secure the subscriptions for us.

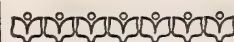
LIST OF GRAND PRIZES



First Prize

\$600
WING PIANO

The best piano manufactured by the well-known piano manufacturers, Wing & Son, New York City, N. Y., will be given the agent sending us the largest number of subscriptions before June 10, 1910. : : : : :



Second Prize

\$100
CASH

Will be given the agent sending us the second largest number of subscriptions before June 10, 1910. : : : : :



\$200.00 will be distributed among the eight next highest agents as follows:

3d Prize, \$50	Pen of Fowls, your choice, or Incubator or Brooder, any make you desire
4th Prize, \$35	" " " "
5th Prize, \$30	" " " "
6th Prize, \$20	Trio of Fowls, your choice, or Incubator or Brooder, any make you desire
7th Prize, \$20	" " " "
8th Prize, \$15	" " " "
9th Prize, \$15	" " " "
10th Prize, \$15	" " " "

In making your selection of Fowls, Incubators or Brooders, they must be selected from Advertisers in American Poultry Journal

Special Instructions to Agents

1. Renewals count the same as new subscriptions. 2. Cash must accompany all subscriptions; this will avoid any misunderstanding. 3. Keep a duplicate list of all subscribers sent us in case any question arises when the contest closes. 4. In case of a tie the value of the prize will be divided. 5. The subscription contest closes June 10th, 1910. All letters postmarked that day will be counted, thus giving those at a distance an equal chance with those near. 6. A list of the winners will be given in the July issue, 1910. 7. All agents may work where they please; this is fair to all. Send for more coupons or any supplies you need. 8. The coupons are made with receipts at the side to be torn off and given to subscribers. This assures the subscriber that you are our authorized agent. 9. No subscription can be sold for less than 25 cents. 10. You must send at least two subscriptions to entitle you to agents' commission or prizes. 11. All subscriptions must be taken on the merits of the publication. 12. Notice—Sell our book, "Origin and History of All Breeds of Poultry," at \$1.00 and keep 25 cents as your commission, this will count as four subscriptions on the contest. Also, take three years' subscriptions to American Poultry Journal at \$1.00 and keep 25 cents as your commission, this also will count as four subscriptions on the contest. : : : : :

TODAY IS THE TIME TO START if you wish to secure one of our new books FREE. Remember, too, that if you get an early start you have the advantage of always being in the lead, and this is better than to be always trying to catch up with the other fellow.

We will furnish you with a sheet of special bargain coupons which you can use if you desire. These coupons have been successfully used on former contests and whereas you only receive 10 cents as your commission when using same, you will find that you can get many more subscribers. In fact, we have agents who give all of their commission to the subscriber and in this manner get many more subscriptions. Send for as many sample copies as you can use to advantage and they will be sent you free of charge.

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

NOTICE: SEE OTHER PAGE FOR SPECIAL OFFER THIS MONTH

Special Offer for Month of March, 1910

WE WILL give the following prizes to the agents sending us the largest number of subscriptions during the month of March, 1910. If you want a first-class incubator, brooder or a choice trio of fowls without cost, this is your opportunity. **START TODAY!**

1st Prize---A \$20 incubator or brooder, any make you desire, or a \$20 pen of fowls, any variety, advertised in American Poultry Journal, will be given the agent who sends us the largest number of subscriptions to American Poultry Journal during the month of March, 1910.

2d Prize---A \$15 trio of fowls, any variety, or a \$15 incubator or brooder, any make you desire, advertised in American Poultry Journal, will be given the agent who sends us the second largest number of subscriptions to American Poultry Journal during the month of March, 1910.

3d Prize---A \$10 incubator or brooder, any make you desire, or a \$10 pair of fowls, any variety, advertised in American Poultry Journal, will be given the agent who sends us the third largest number of subscriptions to American Poultry Journal during the month of March, 1910.

These prizes are given in addition to the grand prizes on opposite page, and all subscriptions sent us during this month will count on both the special March prizes and the grand prizes; therefore you can win an incubator, brooder or fowls, besides a grand prize if you start to work right now.

Do not delay to take advantage of this opportunity to kill two birds with one stone. Remember, you send 25c to us for each subscription and keep the balance of the money as your commission. You receive our grand book, "Origin and History of All Breeds of Poultry," for the first six subscriptions you send us besides your commission and the chance to win one of the March special and grand prizes; also you receive four counts for every 3-year subscription and every "Origin and History of All Breeds of Poultry" which you sell.

Send for samples and coupons today; they will be sent you at once free of charge. Start today, as you are getting in on the ground floor. Send all subscriptions to

American Poultry Journal Publishing Company
358 Dearborn Street : : Chicago, Illinois
SEE OTHER PAGE FOR LIST OF GRAND PRIZES

Canada's Best Buff Leghorns

Won 79 regular prizes at New York, Chicago, the Ontario in the last five years. Illustrated catalogue free. Nate K. Cornwall, Thamesville, Ont., Can.

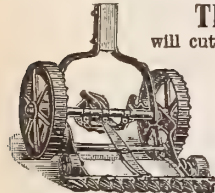
S.C. Buff Orpingtons

Stock and eggs for sale from my famous Detroit winners, January, 1910.

Samuel Shepherd, R. 1, No. Detroit, Mich.

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars. The Elwood M. Pusey Co., East Liverpool, O.



THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices. Clipper Lawn Mower Co., Dixon, Ill.

Wonderful Reports

I am receiving wonderful reports from the New Type Incubators and Brooders which I have placed on the market. It will pay you to write for the special prices we are making new customers at the present time. Remember the machines are fully guaranteed.

NEW TYPE INCUBATOR WORKS

Box 126 : East Columbus, Ohio

White Orpingtons Light Brahmas

Have won the blue at Boston, Providence, Worcester and Brockton Fair. Stock and eggs for sale. Send for mating list.

B. E. Darling, Box 15, Natick, Massachusetts

Hotel Empire

Broadway and 63d Street
NEW YORK CITY



In the Very Center of Everything

All Surface cars pass or transfer to door. Subway and "L" Stations one minute.

All Modern Improvements

100 Rooms, with detached Bath, \$1.50 per day
100 Rooms, with Private Bath, \$2.00 per day
100 Rooms, with Private Bath, \$2.50 per day
Suites from \$3.50 per day up

Excellent Service—Fine Music

W. Johnson Quinn, Proprietor

COLUMBIAN WYANDOTTES

At Ohio Poultry Association, Columbus, February 10th to 15th, 1910, won first and second pullet; second hen; fourth and fifth cockerels. A limited number of choice breeding cockerels for quick sale at \$3 each.

C. L. Patterson - R. R. 33, Box 1, Barberton, Ohio

Wyckoff's S. C. White Leghorns

Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in Standard Qualities. Remember that we are the originators and for over thirty years specialty breeders of the justly celebrated "Wyckoff" strain of S. C. White Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. Eggs for hatching in any quantity from the grandest of matings at \$2.00 per 15, \$3.75 per 30, \$5.00 per 45, \$10.00 per 100. Catalogue and testimonials free. Address

C. H. WYCKOFF & SON, AURORA, CAYUGA COUNTY, NEW YORK

PARR'S S. C. BLACK MINORCAS

Winners wherever shown. Special cup East Liverpool, Ohio, 1910, for best display. No birds in pens scoring less than 91. Eggs from special matings, \$5.00 per fifteen. From choice select matings, the kind that hatch the winners, \$3.00 per fifteen. Satisfaction guaranteed absolutely. A few grand breeding cockerels that will score 92 for sale.

Longview Poultry Farm J. FRANK PARR Sta. 1, Box 767, East Liverpool, O.
Proprietor

RHODE ISLAND REDS

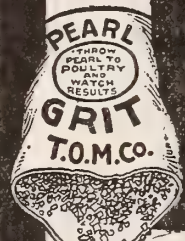
Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS

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CONCORD, MASS.

PEARL GRIT



We Know You Want Profit

WE can show you the way to extra revenue from your poultry yards. PEARL GRIT is one of the things that you will buy again. You try it once, and you will want to continue its use. We know that, because we have thousands of PEARL GRIT customers who never allow their supply to be exhausted. Ask a PEARL GRIT customer why. He knows, and a trial will convince a new customer—one of the kind that buys repeatedly because the money he invests comes back to him repeatedly. We have a lot of evidence to prove this. It is sent along to inquirers with our FREE Pearl Grit Booklet. There may be someone in your neighborhood using PEARL GRIT. We would like to tell you who it is so you

could learn for yourself why it pays us to spend money for advertising — our business is not made up of one-time trial orders, but continuous business from satisfied customers. We can show you the way to make money from poultry. Will you write us to-day?

OHIO MARBLE CO.,
709 S. Cleveland St.
Piqua, Ohio.



Send
for Free
Booklet
To-day



Farm-Poultry Pub. Co.
Room B : : Boston, Mass.

Naegle's Combination Strain : : BUFF WYANDOTTES

Only layers with show quality. Winnings at Peoria, Illinois, November, 1908, 1st cock, 1st, 2d, 3d and 5th pullets on six entries. Peoria, December, 1909, 1st, 2d and 3d cock, 1st, 3d and 4th hen, 1st pullet, 1st and 4th pens. No cockerel shown. Club special on best female and best colored female, also silver challenge cup for best display of any one variety Wyandottes. Winnings at Bradford, Illinois, December, 1909, 1st cock, 1st, 2d, 4th and 5th hen on five entries. Laying quality. Book orders for eggs early.

Frank Naegle R. R. 2 Peoria, Illinois

The Original Barred Cuckoo Wyandottes

My winnings at Madison Square Garden, America's greatest show, created more sensation than any other variety shown. England's most popular new breed. Will only spare a limited number of settings, \$5 per 13 eggs. Ringlet's Barred Plymouth Rocks, all prize winners, eggs \$2.50 per 13, \$5 per 30, 8 pens. Write for particulars.

E. L. Geisel, Prop.
Originator Morganville, New Jersey

RANKER'S SINGLE AND ROSE COMB**BUFF LEGHORNS**

Are strictly high class, bred up-to-date. My matings contain first prize winners at Cleveland, Chicago, Boston, 1909 and 1910. Mating list is free. Send for it now.

L. W. Ranker : Buff Leghorn Specialist
Box A : : Tiffin, Ohio

TRAP NESTS

Made in a few minutes; very simple and reliable. Complete plans only 25 cents. Poultry supply catalogue free.

Geo. Sturdivant, Box 9, Sheboygan Falls, Wis.

EGGS

From Ferris' S. C. White Leghorns



Will produce winners and layers. They have been bred in line for years for size, vigor and eggs as well as for standard requirements. Their winnings at the leading shows, including Toledo, Chicago, Louisville, St. Louis, Detroit, Grand Rapids and the Michigan and Indiana State Fairs, and in our customers' hands at practically every show of importance in the country, is proof of their quality.

We have ten exhibition matings this season, prices ranging from \$3 to \$15 per setting. Every pen contains winners mated to produce chicks that will win in strong competition. If you want to raise exhibition stock of the very finest quality, send for our mating list. It describes the matings fully and tells just why you should breed Ferris Leghorns.

Our choice utility eggs at \$1.50 per setting, \$7.50 per 100, are worth much more. We guarantee 90 per cent fertility and replace infertile eggs free of charge, the same as from our exhibition matings. The birds in these utility matings will score from 90 to 94 and they are large, vigorous and the best of layers.

Send for free catalogue and mating list containing prices, winnings and full particulars regarding this strain of winners bred to pay.

THE FERRIS POULTRY FARM

Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

EGGS COLUMBIAN WYANDOTTES EGGS

In a large class of Columbians at Grand Rapids show I won 2d cock; 1st and 2d hen; 1st, 2d, 3d and 4th cockerel; 1st, 2d, 3d and 4th pullet; 1st and 2d pen; silver cup and A. P. A. diploma for best cockerel. At Holland, 1st cock, 1st hen, 2d cockerel, 1st pullet. A limited number of eggs from my best matings at \$3 per 15; \$5 per 30.

J. G. Van Dyk, Station C, Grand Rapids, Michigan

Fluffy Ruffles Strain

Finest specimens of Barred Rocks ever produced. Champion of all champions. Ten years ahead of the times. Winners at New York, 1908-9. Stock up-to-date. Circular free. A continuous record of winnings since 1894.

Welleslea Farm Poultry Yards C. H. Welles, Prop. Box A Stratford, Connecticut

FINE S. C. WHITE LEGHORNS

We have been making a specialty of S. C. W. Leghorns for ten years and our customers get the benefit of our experience. Don't place your order for eggs until you hear from us. We are booking orders for eggs now. Send for mating list, it's free.

Turley & Scobee : Box M : Mt. Sterling, Ky.

LIPE'S R. C. RHODE ISLAND REDS

Winners at five fairs and shows. St. Louis, second and fourth pens, fourth and fifth pullet and shape special on pullet. A few choice birds for sale. Breeding pens mated. Ask for list.

W. D. Lipe, 329 Chestnut St., Litchfield, Ill.

1883

1910

Walkling Fruit Farm

is where Rhode Island Red Breeders actually harvest; eggs from descendants of my Madison Square Garden winners. \$1 per setting; \$3.50 for 50.

Tel. 314-4 West Medford, Massachusetts

Wing's S. C. Black Minorcas

Are prize winners and great layers. At the recent Grand Rapids show we won first cock, first and second pullet and first hen. Chief Big Comb heads our breeding pens. He weighs 9½ pounds. Has been exhibited five times in New York State and Michigan in 1909-10, and won five blue ribbons. He is a strong, vigorous bird and as a sire has proven especially fine for pullets. Our layers are kept in flocks of 6 hens each. They are in the very pink of condition. We give to a flock of 200 nearly all our time and attention. They have layed well November, December and January. They are bred to strong, healthy cockerels, entirely unrelated. We are offering on account of room a few May hatched pullets now laying at \$4 each. No culls. Will book orders for two months old pullets from best pens at \$1 each, delivered June 1st or thereafter. This is a proposition worth considering. Eggs for hatching, \$1.50 to \$3 per 15. Order early. Send for catalogue.

F. C. Wing : : Box 152, Wayland, Michigan

SINGLE COMB BUFF AND WHITE ORPINGTONS

Of the highest type and quality. None better. A grand lot of young birds for exhibition and breeding purposes at reasonable prices.

EGGS FOR HATCHING

from six grand pens, \$3 and \$5 per 15. Illustrated mating list free. My stock and prices are right. Write me your wants. Satisfaction guaranteed.

Edgemere : : C. A. Keefer, Prop. : : Muskegon, Michigan

CHAS. F. HOMPSON & Co. LYNNFIELD CENTER, MASS.

RHODE ISLAND REDS : BARRED ROCKS : WHITE WYANDOTTES

Now booking orders for day-old chicks. 200 egg strain. Eggs, \$1, \$2, \$5 per sitting; \$6, \$10, \$20 per 100. Catalogue free. Stamp for Red Standard.

Morgantown, W. Va., Jan. 4, 1910.
Dear Sir:—Last spring I got some eggs of you and am very proud of the results, as I have one cockerel that is a true Edward B. Jr. At our recent show this cockerel won 1st, also specials for best Plymouth Rock male, best bird on exhibition, best cockerel of any variety, best specimen of any class, best bird in American class, best male bird in the show, making six specials in a class of 500 birds. Blood lines will tell. Yours respectfully,
S. B. Allen.

Reynolds, Ill., Dec. 27, 1909.
Dear Sir:—I have just learned that at the show I won silver cup for the 10 highest scoring birds in the show, and I am pleased to say there were 78 White Rocks in the show, of which nearly all the good ones were Fishel Strain. I am more than pleased with results obtained from the eggs. I beg to remain
Yours very respectfully, P. N. Crabs.
Barnesville, Ga., Dec. 19, 1909.
Dear Sir:—The \$15 pen of White Plymouth Rocks bought of you have given the finest re-

sults and have paid for themselves in eggs alone, besides I have a nice flock of 40 young birds reared from them. Yours truly,
C. H. Humphrey.
Philadelphia, Pa., Sept. 27, 1909.
Dear Sir:—Birds arrived safely. Accept my warmest thanks for the selection. They are the most beautiful I have ever had. After being inspected by one who knows he remarked that "no where could they be duplicated at the price." Again thanking you, I beg to remain
Yours truly, C. G. Mueller.

What Others Say

about the treatment they have received at my hands will surely interest you and convince you that



U. R. Fishel's White Ply. Rocks

are all and more than we have ever claimed for them. Remember, our whole life has been devoted to the production of the very best possible in poultry. No wonder then our White Plymouth Rocks stand so far ahead of every other strain and are conceded everywhere to be

"The Best in the World"

Send two dimes for 56-page catalog, and remember we have several thousand birds yet to sell and are in position to give you better value and better blood lines than any other breeder of this variety. We have about fifteen hundred cockerels, the new Standard type, that we are selling at \$3, \$5, \$8 and \$10 each. Strong, farm-raised vigorous fellows—just the kind to give you results.

U. R. Fishel, Box A, Hope, Ind.

Eggs For Hatching: \$8 per 15; \$15 per 30; \$25 per 60

R. C. Black Minorcas

East Liverpool strong winners of the "blue."
Eggs, \$3.00 and \$5.00 per 15.

Harry Johnson, Box 322, East Liverpool, Ohio

**Baby Chicks & Ducklings**

Safe arrival guaranteed. 10 to 18c each. Orders booked now. Send 21c stamps for 32-p.illus. cata. Sunny Side Poultry Farm, Box A P, Cromwell, Indiana.

Lee-Smith's Single Comb Rhode Island Reds

1909—Vigor and Vitality Win—1910 First cockerel, East Orange, N. J.; 3d cockerel, Madison Square Garden. Few choice cockerels for sale. Eggs for hatching. :: :: ::

Dr. M. Lee-Smith, Watertown, N. Y.

Coulter's Prize Winning Reds**Rose Comb Exclusively**

Line bred and grand Winter layers. Won all firsts and seconds at Frankfort show Jan. '09 at Cincinnati, Dec. 1909, second cockerel, fifth pullet, second, third and fourth hen and first Chicago pullet. Have large bone and bodied typical Rhode Island Red shape and color. Send for mating list. :: :: ::

CHAS. C. COULTER

Prop. Maywood Farm (150 Acres) Frankfort, Ind.

THE WILD GOOSE FARM

Copiaque, Long Island, N. Y. Wm. E. Hawkins, Proprietor
Breeders, importers and exhibitors of forty varieties of Bantams and three hundred varieties of pigeons, 1,200 premiums, cups and specials won at New York, Boston, Hartford, Baltimore, etc., in 1908-09. Send stamp for price list to

Chas. M. Smith, Manager

Barred, White and Buff Rocks

Eggs, \$3.50 per 15; \$5 per 30. I have a few choice birds for sale at reasonable prices. Write your wants. Satisfaction guaranteed.

A. J. Laundon, 114 Cheapside, Elyria, O.

White Indian Games

S. C. Buff Orpingtons, Cook's strain; White Rocks, Hawkins' strain, and S. C. White Leghorns. Bred from World's Fair and New York winners. All stock farm raised and are healthy and vigorous. Choice stock at low prices. Satisfaction guaranteed.

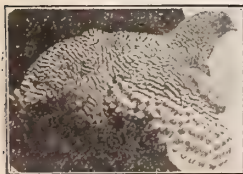
G. L. McFarren :: Bellville, Ohio

**ONLYA FARM
White Wyandottes**

Prize winners head our best pens. Among our birds we have the first cockerel at Boston, 1909. Mating list ready February 15. A few cockerels and pullets for sale. Day-old chicks.

ONLYA FARM, MORRISTOWN, NEW JERSEY

Philip Kearny, Proprietor :: Chas. Staaff, Manager

BARRED P. ROCKS

Eggs to hatch prize-winners. Both matings bred from leading strains with an enviable show record of their own. Prices reasonable. Free circular. Some breeding stock left.

G. W. GARLOCK

Box 9, Ft. Atkinson, Wis.

DIDRICKSEN'S S. & R. C. B. MINORCAS

Won at the great Coliseum Show, Chicago, 1909, on S. C.: 1st, 2d and 5th hen, 1st, 4th and 5th cockerel, 2d and 3d pullet. On R. C.: 2d and 4th hen, 2d and 3d pullet, 5th cockerel. I have some fine stock for sale at reasonable prices. If you want show winners write me at once.

A. DIDRICKSEN : Route 1 : WHITEWATER, WISCONSIN

BARRED ROCKS**S. C. W. Leghorns, R. C. Reds, S. C. Black Orpingtons, Pekin Ducks**

My birds are all strong, vigorous birds, raised on free range. My breeding yards are carefully mated and I am breeding stock close to Standard requirements.

My Great Winning at Baltimore

on Barred Rock cock has never been equaled. This grand bird won 1st cock Special for best shaped male and GOLD SPECIAL FOR BEST COCK IN THE ENTIRE SHOW. I also won 4th cockerel, 5th hen, 4th pen in a hot class, and my birds have won at Hagerstown and other shows. Exhibition and breeding stock in all varieties and eggs from pens containing my winners at \$5.00 and \$3.00 per 15. Order early. Write today. Pekin Duck eggs from prize winner, \$2.00 per 11.

Elkridge Poultry Yards, Ellicott City, Md.

James B. Clark, Owner : Address all communications to C. W. Lloyd, Manager

Still Alive and Back in the Old Reliable with Our**Brahmas, Barred and White Ply. Rocks, Columbian and White Wyandottes**

They are as fine as ever and strictly up-to-date. Brahmas—\$3.50 to \$10 for females; \$5 to \$20 for males. All Others—\$2.50 to \$8 for females; \$4 to \$15 for males. Eggs in season from special picked pens—\$6 for 15 straight; all other, \$4 for 15; \$7 for 30; \$9 for 45, and \$15 for 105 eggs. Address for circular and price list.

I. K. FELCH

Box 176 - - - - Natick, Mass.

N. B.—No birds in breeding pen under 90 points for fowls or 92 for chick and up to 96 points.

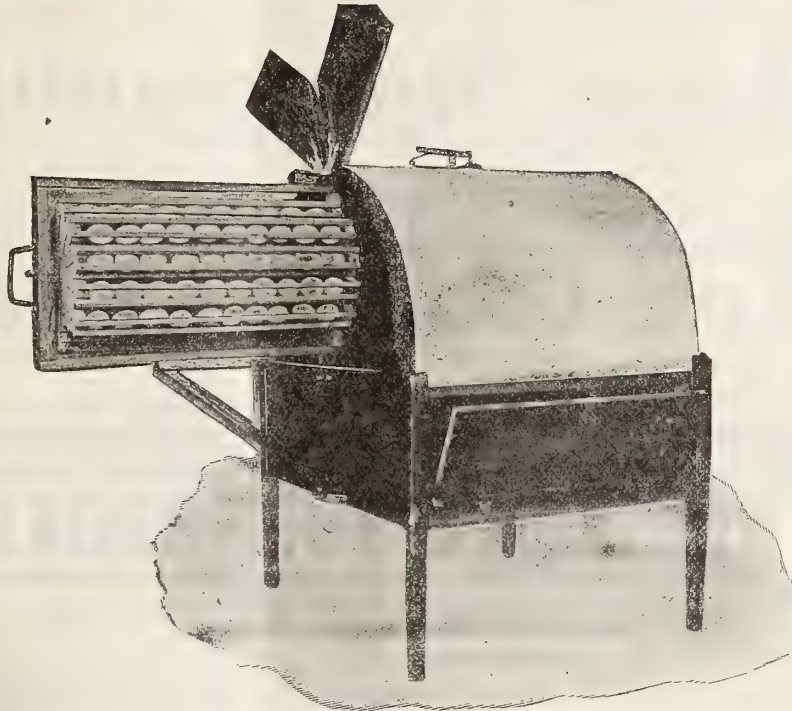
**GLENDAL
POULTRY FARM**

Standard bred White Plymouth Rocks and White Wyandottes. Perfect beauties, snow white. Red eyes, yellow legs and fine head points. Most remarkable layers. At this time, in this Northern country, my breeding hens are keeping pace with my pullets in laying. Just to get acquainted, will sell eggs from my two strains, \$2 per 15. In hundred and thousand lots, \$6 per 100. Fertility guaranteed. White Holland Turkeys—Birds that score over 95 points, \$2.50 per 9 eggs. Booking orders now. Limited number. Perfect satisfaction assured. 40 acres devoted to my birds. Choice pullets of both strains, weigh 6½ to 7½ pounds. All laying, \$1.50 each. No better if you paid five to ten dollars for them. Splendid birds. Have five hundred to select from. Cockerels and cock birds for sale. Fine breeders. Good chance to get a start with choice stock. No better anywhere. Stock for sale at all times.

R. F. D. No. 2 : ATKINS, MICHIGAN

World Famous

INCUBATORS, BROODERS AND SELF-TURNING TRAYS



SECOND to none, because the correct method of turning the eggs is used. It is impossible to turn the egg around the embryo. The old method of turning by hand will bring bad results, sometimes the loss of a whole "hatch," and this will happen sometimes with a hen. We move step by step. That we used to wear boots is no reason that we shall wear them now. My machine has awakened the world to realize the fact that it never knew what a REAL incubator is. Until my machine was placed before the public they have been groveling in darkness as regards the hatching of chickens.

"World Famous" ranks

first, which place it will continue to hold, because: It never turns the egg on end; never turns the egg around the embryo; never breaks the spider in the egg; turns all the eggs as easily as one; it is impossible to overheat it, yet it is the easiest machine on earth to heat. It never cooks the egg, or the chick in the egg.

Remember, I guarantee this machine to hatch every fertile or hatchable egg, and that it will hatch more livable chickens, eggs being equal, (test three hatches) than any other machine.

Now, you want the best machine on earth, don't you? Then send for my catalog. It's free. It gives full information regarding my machine; it gives valuable information on diseases and cures for poultry; **FREE**.

My Brooder is so arranged that there is the least possible danger of its getting too hot and roasting the chicks, and I guarantee it not to do so. This often happens with the common brooder.

Remember, my heating system is superior in that it saves half your fuel, maintaining at all times **EVEN TEMPERATURE**.

"Useless to lock the barn after the horse is stolen" applies in selecting an incubator. Why use the old method which causes half the chickens to die in the egg and the other half to be weaklings that are difficult to raise? "Lock the barn door" in good time! Start right and the end will be satisfactory. Send for my catalog; it's free.

W. M. Lininger, Box 153, Hinton, Okla.

SINGLE COMB

BUFF**LEGHORNS**

of real merit intelligently bred from Boston, New York, Chicago and Indianapolis winners. Peter S. Hurt, Rte No. 5, Thorntown, Indiana.

CANARIES

of every variety mentionable for breeding, song and exhibition. Imported and guaranteed singers, safe arrival any distance, cheapest and best in the world. Write for Parrot, Canary and Gold Fish List. **U. S. BIRD STORE, Burlington, Iowa.**

S. C. BLACK AND WHITE MINORCAS

Eggs and stock for sale in season. A square deal with all. Member of American Black Minorca Club.

G. B. Smith & Son, Box 454, North Baltimore, O.

Knisley's Silver Cup Winners—Single Comb Buff and Black

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OUR 10th SEASON—We will have the most perfect Mammoth Hatchery, and furnish only strong and perfect chicks (just like hen hatched). More varieties, and highest quality pure bred stock. Book orders early. Catalogue free.

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Golden Wyandottes

The prize winning and egg laying kind. At Boston, January 1910, they won 2d cock, 2d, 3d, 4th and 6th hen, 6th cockerel, 1st, 3d, 4th and 5th pullet, 1st pen, best cock and 4 hens, best cockerel and 4 pullets and 16 other specials. Let me quote you prices on this kind of stock. I have bred Golden for 14 years and you will get the benefit of this kind of breeding for they will breed right.

Loren H. Brown, Lock Box 16, Lunenburg, Mass.

WHITE AND COLUMBIAN Wyandottes

Winners at World's Fair, Madison Square and win again Boston, 1910. Exhibition and breeding stock for sale. Also eggs from yards containing my winners, \$5 per 15. White Rocks with a long list of winnings at the leading shows. Plenty of grand breeders yet for sale and eggs from several grand pens. Order early

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Contains Mica, Iron, Magnesium and Quartz, each in its purest and best form. It is of such peculiar formation that it will not take a polish as is the case with grit made from white quartz or marble and unlike limestone grit, or grit of like soluble substances, is not dissolved by the fluids in the crop, consequently it never loses its sharpness. It sharpens itself by contact, the only grit that does, and therefore excels all others as a grinder.

Without grit the feathered tribe cannot be healthy or productive. This is a well demonstrated fact in nature. Grit is to the fowl what teeth are to other members of animal creation.

Let us prove the truth of what we say by filling a sample order for you. Manufactured only by **MICA-CRYSTAL CO. - - - CONCORD, N. H.**

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ORPINGTONS

NONE BETTER BRED. At the great Boston Show, Jan. 12-16, 1909, we won the following in strong competition: 1st pullet, 3d hen, 5th cock, 5th ckl. and 2d pen in Buffs; 2d cock, 3d hen and 1st pen in Blacks; 1st pen in Whites; 1st ckl., 1st and 2d pullet, 3d and 4th hen in Diamond Jubilees. Send for 1910 mating list containing these grand matings.

H. B. PRESCOTT - Box 38 - Derry Village, N. H.

Your Opportunity

To get eggs from matings of Barred and White Rocks, White Wyandottes and Golden Sebright Bantams equal to any in the United States. \$3.00 per 15, \$5.00 per 30, \$15.00 per 100. Size, shape, color, vigor and each free exclusive farm range.

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We have won wherever exhibited. If it's Quality Reds, we have them. 85 per cent fertility guaranteed. Descriptive price list for asking.

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Will put you next, "Nuff Said." Send for free booklet giving prices in full. Selected eggs, \$10 per 15. Grand lot of yards at \$5 and \$3 per 15. Have been heavy winners wherever shown at all the big shows.

W. S. ROBISON :: State Vice-President Buff Rock Club :: ROUTE 1, FAYETTE, MO.

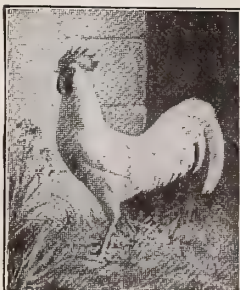
R. C. BLACK MINORCAS

In addition to my wins advertised last month, I won at the International at Buffalo in a class of sixty-three birds, competing with the bulk of Madison Square winners, first hen, first cockerel, third pullet and first pen. My cock bird was injured in shipping, throwing him out of the running.

Black Cochin Bantams

won at Buffalo first cock, first hen, second cockerel, third pullet, first pen, specials for best Cochin Bantam male and female, special for best pen ornamental Bantams, silver medal for best ornamental Bantam in show. Send for circular. Mention American Poultry Journal.

Dr. J. N. Mac Rae Galt, Ontario, Canada

LUCKY 13!

Bob III

S. C. W. Leghorns

I showed thirteen birds at Indianapolis, February, 1910, in strong class of 49 birds and won second cock; 1st and 2d hen; 1st, 2d and 4th cockerel; 1st and 4th pullet and 1st pen. Every bird entered won a prize. Send for free mating list. Eggs, \$5 per 15. Indian Runner Ducks, first cock and second hen at Indianapolis. Eggs, \$2 per 13.

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This Book Gives a Complete History and the Origin of all the Recognized Varieties of Chickens, Ducks, Geese and Turkeys, and is

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This is, without question, the greatest book ever published on poultry. The artist's work alone on this book took almost one year's time to complete, but it shows the fowls in their natural colors and correct shape, and these colored pictures, together with the history of each variety, gives the fancier all the information to produce fowls for either exhibition or breeding.

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This book also tells how to properly mate the different varieties of fowls to produce birds that will conform to Standard requirements. This is something that even the Standard of Perfection does not do. It tells you at a glance what it will take years of practical experience to learn. It is a book that no breeder or fancier can afford to be without, as it is just as suitable for the needs of the experienced fancier as for the amateur.

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Birds of Quality—Winners at Madison Square Garden in 1907 and 1908. Write for prices. **Astoria Leghorn Yards, 240 Jamaica Av., Long Island City, N.Y.**

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Bred right for 7 years. I have two very choice pens mated for this season's egg trade. Will spare a few settings from pen one at \$8 per 15; pen two, \$5. A few extreme quality cockerels and pullets yet for sale. Write for my mating list giving winnings and scores at largest shows in the state.

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Columbians, Goldenes, Whites. R. I. Reds; both combs. S. C. Buff Orpingtons. Old stock for sale cheap to make room for young.

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Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. 50c by mail. Three boxes, \$1. Sample free. Agents wanted.

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Winners at New York, 1908-9, Boston, 1909-10. Stock and eggs for sale. Eggs for hatching, \$3, \$5 and \$10. Send for mating list. Telephone connection.

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Send 10 cents for our illustrated catalogue. Describes 35 varieties. Full of useful information.

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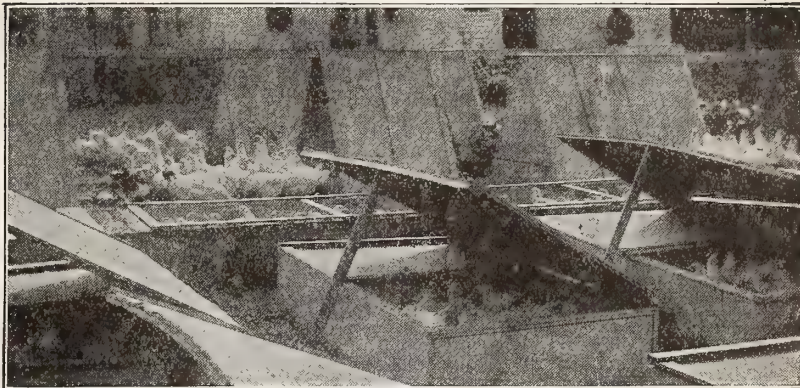
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\$1,500.00 from Sixty Hens in Ten Months on a City Lot 40 Feet Square

TO the average poultryman that would seem impossible and when we tell you that we have actually done a \$1,500 poultry business with sixty hens on a corner in the city garden forty feet wide by forty feet long, we are simply stating facts. It would not be possible to get such results by any one of the systems of poultry keeping recommended and practiced by the American people, still it is an easy matter when the new

Philo System

is adopted.



The Philo System is Unlike All Other Ways of Keeping Poultry

and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard-of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents per pound above the highest market price.

Our Six-Months-Old Pullets Are Laying at the Rate of 24 Eggs Each Per Month

in a space of two square feet for each bird. No green cut bone of any description is fed, and the food used is inexpensive as compared with food others are using.

Our new book, the **Philo System of Poultry Keeping**, gives full particulars regarding these wonderful discoveries, with simple, easy-to-understand directions that are right to the point, and fifteen pages of illustrations showing all branches of the work from start to finish.

Don't Let the Chicks Die in the Shell

One of our secrets of success is to save all chickens that are fully developed at hatching time, whether they can crack

the shell or not. It is a simple trick and believed to be the secret of the ancient Egyptians and Chinese which enabled them to sell the chicks at ten cents a dozen.

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Our book tells how to make the best green food with but little trouble and have a good supply, any day in the year, winter or summer. It is just as impossible to get a large egg yield without green food and is to keep a cow without hay or fodder.

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No lamp required. No danger of chilling, over-heating or burning up the chickens as with brooders using lamps or any kind of fire. They also keep all the lice off the chickens automatically or kill any that may be on them when placed in the brooder. Our book gives full plans and the right to take and use them. One can easily be made in an hour at a cost of 25 to 50 cents.

Testimonials

Bellefontaine, Ohio, June 7, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I just want to tell you of the success I have had with the Philo System. In January, 1909, I purchased one of your Philo System books and I commenced to hatch chickens. On the third day of February, 1909, I succeeded in hatching ten chicks. I put them in one of your fireless brooders and we had zero weather. We succeeded in bringing through nine, one got killed by accident. On June 1, one of the pullets laid her first egg, and the most remarkable thing is she has laid every day since up to the present time. Yours truly,

R. S. LaRue.

Valley Falls, N. Y., September 10, 1909.

My Dear Mr. Philo:—I want to tell you how pleased I am with my use of the Philo System during the past year. The fowls laid exceptionally well in the New Economy Coop. much better in proportion than those in my old style house. The fireless brooder has solved the problem for me of raising extra early chicks. I am going into your methods more extensively this coming year. Wishing you success, I am, Sincerely yours,

(Rev.) E. B. Templer.

Osakis, Minnesota, June 7, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—You certainly have the greatest system the world has ever known. I have had experience with poultry, but I know you have the system that brings the real profits.

Yours, Jesse Underwood.

Brockport, N. Y., Sept. 12, 1908.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have had perfect success brooding chickens your way. I think your method will raise stronger, healthier chicks than the old way of using lamps and besides it saves so much work and risk.

Yours respectfully,
M. S. Gooding.

South Britain, Conn., April 10, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your System was last December. I hatched seventeen chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35 cents a pound. They then averaged two and a half pounds each, and the man I sold them to said they were the finest he ever saw, and he wants all I can spare this season. Yours truly,

A. E. Nelson.

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E. R. Philo, Publisher, 14 Third Street, Elmira, New York

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At the great Mo. State Show in one of the best classes ever shown, with twelve exhibitors, won first and third hen, third cockerel, second and fifth pullet and first pen, winning three times as much as any other exhibitor. This, with our winnings at Chicago, St. Louis, Evansville and Illinois State Fair, clearly proves our strain the BEST IN THE WEST. Prices reasonable. Satisfaction guaranteed.

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Winners of National White Wyandotte Club cup, 1908-1909. If you want birds that will win and lay send me your egg orders. They are winning and laying for my old customers. Why not for you? I have six pens and you will get eggs from same pens from which I raise my winners. Send for mating list. Eggs, \$3 per 15, \$5 per 30; \$7 per 45.

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William Osburn : Goose Lake Poultry Farm : Morris, Illinois

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FOX STRAIN. Winning at McKeesport, Pittsburg, Beaver Valley and Butler, Pennsylvania, every first and second in this class, four silver cups 1909, two silver cups February, 1910. I have been breeding Gold and Silver Wyandottes for seventeen years. At the World's Fair, St. Louis, in a class of 300 won first, second, third and fourth on four entries.

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Winners at Pittsburg, Allegheny, Chicago, Butler and the Auburn shows. Stock for sale. Eggs in season.

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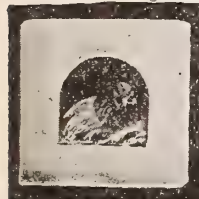
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The winners at Chicago, 1907, 1908 and 1909

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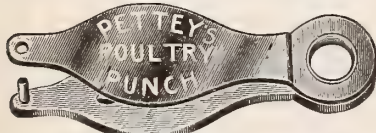
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Fairview Poultry Farm :: W. E. Jones, Proprietor :: R. F. D. 20, Williamsville, Illinois

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Were winners at the Illinois State Fair, the St. Louis Show, the Corn Belt Show at Havana and the Illinois State Show held at Springfield. Having won six firsts, six seconds, three thirds, one fourth and one fifth at these late shows, also two specials for best cockerel and pullet. Write for egg prices.

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In hot company, at Anderson, Ind., last winter, on 8 entries I won 11 prizes, including special on best male in the show. These winners have produced some especially fine young birds, and I have 50 fine exhibition and breeding cockerels for sale. Write for prices.

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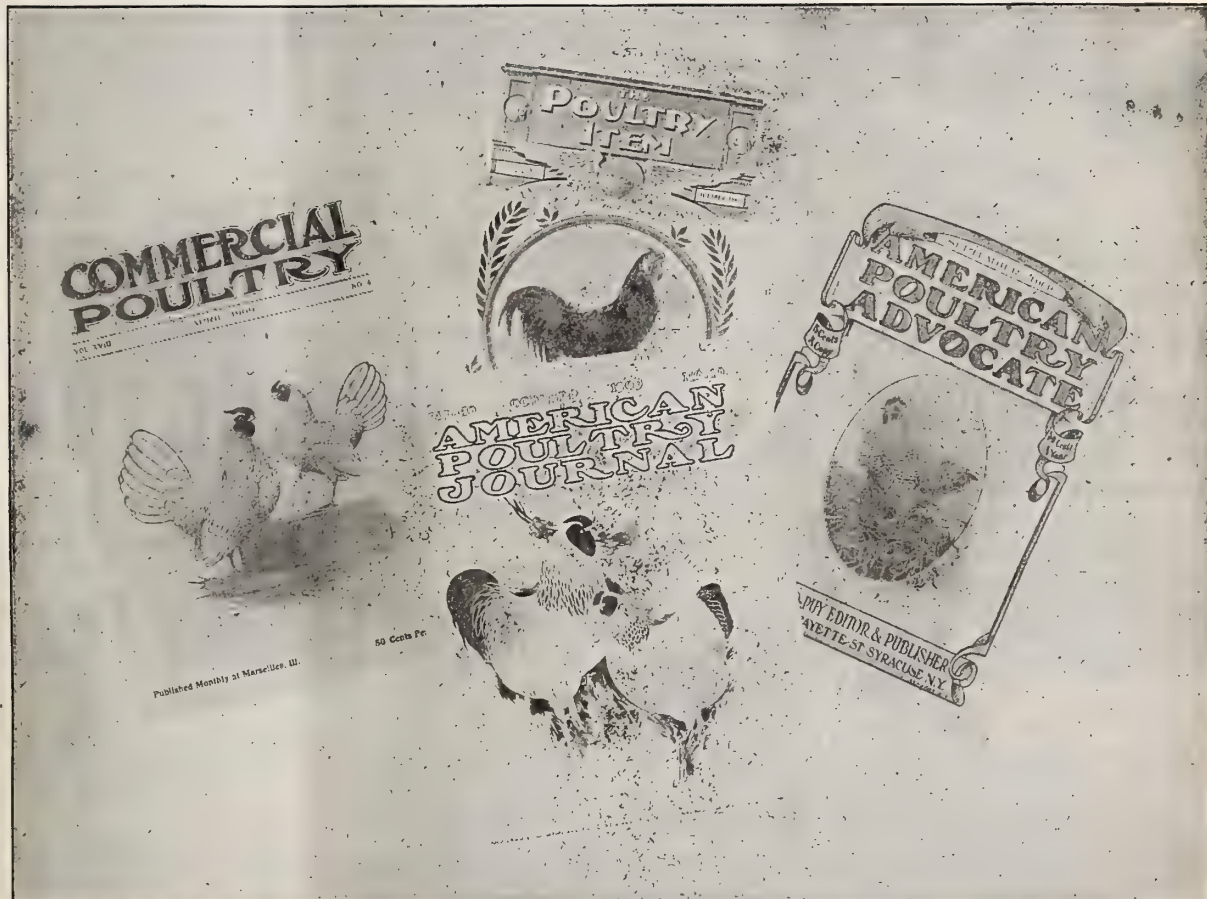
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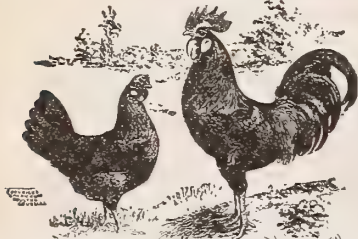
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At Fort Wayne, Indiana, January, 1910, in hot competition were first and second cock; second, third and fourth hen; first, second and third cockerel; first, second, third and fourth pullet and first pen on Single Combs, and on Rose Combs, first cockerel; first, second, third and fourth pullet and first pen. No old stock shown. Also special for best display in this American class. Also special for best display in the show any breed or variety. Write for mating list.

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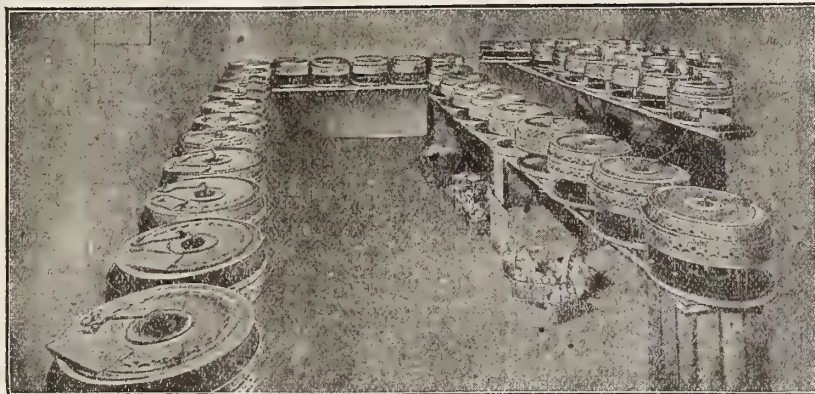
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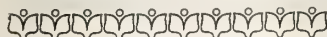
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(Mrs.) C. P. Goodrich,
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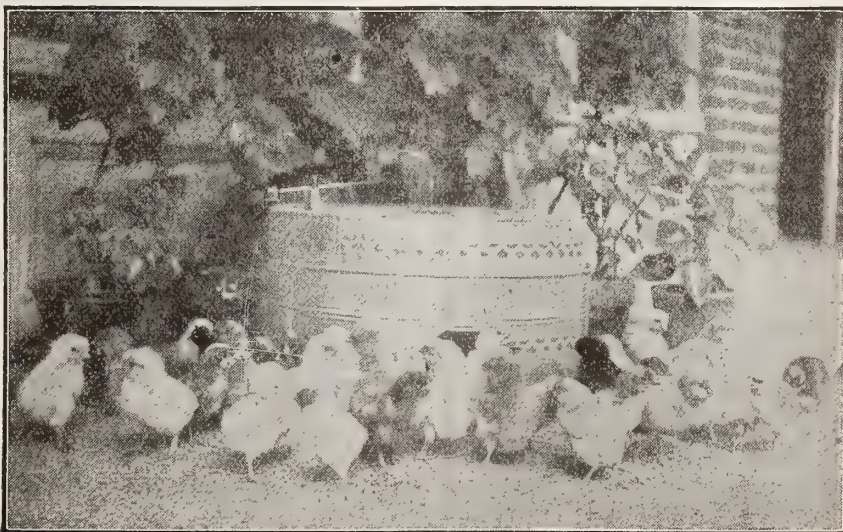
are the perfect results of the latest discoveries in artificial incubation. They will hatch hens, ducks, turkey and goose eggs equally well and at the same time. Regulation of moisture and heat entirely automatic.



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Look at these prices and then consider the quality.

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Leghorns. Utility stock.....	\$1.50	\$6.00	12c each
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Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our customers in strong competition. Our Rose Comb Black Minorcas have won more first and second prizes than all competitors combined at New York, Boston, Philadelphia, Chicago and the World's Fair. Large catalogue free.

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Covers all branches necessary for Success with Poultry. It tells you what I have done. It was written from actual experience.

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HOW I make my chickens weigh two and one-half pounds when they are eight weeks old.

HOW I prepared my chickens for the show room so that I won over 90 per cent of all the blue ribbons that were offered during 1907 and 1908, the last season that I showed. A "secret" that has never been published before.

HOW I built my indoor and outdoor brooders for 85 cents each, to be used either as fireless or with heat in them and plans for the same.

HOW I raise ninety-eight chickens out of a hundred that I hatch.

IF YOU RAISE CHICKENS OF ANY KIND YOU NEED THIS BOOK



Try My Way and You Can Raise Them by the Thousands

READ WHAT OTHERS SAY

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—I herewith enclose you affidavit; also trap nest record of the Kellerstrass Strain Crystal White Orpington hen, register No. 503, that laid two hundred and sixty-three (263) eggs in 272 days.

August 8, 1909.

(Signed) P. J. HARLEE,
Chattahoochee, Ga.

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—Congratulations on the splendid showing you have made by selling \$68.00 worth of eggs per hen from thirty hens in one season.

G. M. CURTIS, Editor Reliable Poultry Journal,
Quincy, Ill.

My Dear Mr. Kellerstrass:

I have sixteen of your hens that average two hundred and thirty-one (231) eggs per bird in 12 months.

LAWRENCE JACKSON,
Pittsburg, Pa.

July 19, 1909.

The simplest sort of a thing—common black dirt—has solved the problem of eradicating a chicken disease which cost thirty million chicks' lives annually, a disease which scientists of the National and State Experimental Stations have been studying without success for ten years. Ernest Kellerstrass, the Kansas City poultry fancier, found the secret.—St. Louis Republic.

May 23, 1909.

The remarkable hen "Peggy" is owned by Mr. Ernest Kellerstrass, of Kansas City, Mo. She had traveled all over the globe capturing prizes. Mr. Kellerstrass has forty-eight hundred chickens

HOW I took a flock of chickens and made them lay \$68 worth of eggs per hen in ten months!

HOW I keep my male birds from fighting without injuring them.

HOW I raised the five chickens I sold to Madame Paderewski for \$7,500.00.

HOW I feed my chickens for egg production.

HOW I keep my chickens healthy and free from sickness.

HOW I select a good laying hen from the poor layer.

HOW I break up my broody hens without injuring them.

HOW I pack my eggs so they will stay fresh.

HOW I mate up my chickens for breeding and fertility.

HOW I run my incubators and supply moisture.

HOW I raised my famous \$10,000.00 hen "Peggy."

HOW I build my hen houses and plans for the same.

HOW I bred my big egg-laying strain.

It also tells about broiler plants, egg plants, and remember, there is also an article in this book called "Two Years on the Kellerstrass Poultry Farm," which explains hundreds of things—just what we do in two years on the farm, or in other words, a two years' course on the "World's Greatest Poultry Plant." This is the greatest article ever written by a real practical poultryman.

Remember, this book was written by a man who has sold the highest priced chickens in the world, who also sold \$68.00 worth of eggs per hen from a flock of hens in one season, in fact, if you breed a chicken of any kind you know my reputation as a breeder. This is the first time I have ever offered to sell any of my "methods or secrets" to the breeder or to the public.

of this family and Peggy is the most perfect. He controls the output of perfect Orpingtons.—Sunday Chicago American, March 19, 1909.

Mr. Kellerstrass is now easily one of the leading and most successful breeders in America, and perhaps during the past two or three years raised more good prize-winning birds on his farm, devoted exclusively to White Orpingtons, than any other breeder on this continent.—Poultry Success, Springfield, Ohio, February, 1909.

The White Orpingtons began their real history in the American fancy when Mr. Ernest Kellerstrass took them up. Mr. Kellerstrass has done for this variety and for the breed of Orpingtons in general what no other man has ever accomplished for any other breed.—American Poultry Journal, Chicago, Ill.

It was a rare treat to spend a day in September at the Kellerstrass Farm, where were originated the Crystal White Orpingtons, now famous the world over. Mr. Kellerstrass himself does the work of a half dozen expert poultrymen and does it right. Mr. Kellerstrass exhibited upwards of \$25,000 worth of birds at the Chicago Show.—Western Poultry Journal, Cedar Rapids, Ia.

Mr. Kellerstrass has taken the chicken business out of the kindergarten class, and has done more to encourage the poultry business than any ten breeders in the United States combined. The Kellerstrass Farm won over 90 per cent of all premiums offered. We doubt if any breeder in the world ever sold stock or eggs that produced as many winnings in one season as the Kellerstrass Farm did in 1908. The Inland Poultry Journal takes its hat off to men of this kind.—Judge Theo. Hughes, Editor Inland Poultry Journal, Indianapolis, Ind.

Mr. Ernest Kellerstrass, of Kansas City, Mo., is the owner of the most perfect fowl in the world, according to the National Poultry Association of America.—New York Herald, March 15, 1908.

"Peggy," the \$10,000 hen owned by the Kellerstrass Farm, was viewed by over half a million people around the southern circuit of State Fairs, which included Nashville, Memphis and Atlanta.—Southern Poultry Magazine, Nashville, Tenn., December, 1908.



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NOTE: Ask any editor of any Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.

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 Won at Madison Square Garden, New York, 1909-1910, first cock, second egl. on two entries. A few good cockerels for sale. Eggs for hatching. Catalogue.
 A. F. Almendinger, 42 N. Orton Place, Buffalo, New York

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 Prize winning strains. Eggs \$2 per setting
 Herman & Haag Massillon, Ohio

White Wyandottes
 If it's quality you are after we have it and you will make no mistake in ordering of us
HEVERLY & SON Center Point, Iowa

Reichert's White Rocks
 and Rose Comb White Leghorns
 the winning kind. Our birds winning 10 prizes out of 16 entries, besides 3 specials. A few extra choice breeding cockerels left. Pens headed by some of these grand cocks and cockerels, from which we are now taking orders for eggs.
E. H. Reichert : Virden, Illinois

ELITE White Wyandottes
S. C. W. Orpingtons
 My pens comprise all high scoring birds and many blue ribbon winners. Am now booking orders for eggs. :: :: ::
W. H. H. Chappell : Westerly, R. I.

R. C. R. I. Reds
 Our mating list is now ready. We can supply eggs for hatching from now on from first-class stock. Winnings at Nashville, Memphis and McMinnville. Book orders now. We guarantee satisfaction to every customer.
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 Made of aluminum, are adjustable and cannot lose off. Price: 12, 15c; 25, 20c; 50, 35c; 100, 60c. Sample free. Special until March 1. American Poultry Journal 1 yr. and 100 Modern Leg Bands 75c.
 Clyde Eakin, Box 982, Bartlesville, Okla.

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S. C. Black, bred from Madison Square Garden winners. Four extra fine hens and five good cocks for sale cheap. Eggs from my Red Raven S. C. R. I. Reds for sale.
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Highest honors and greatest record number of prizes won by any exhibitor, 5,500 birds competing. 17 prizes, total of 67 points; great Mo. State, Coliseum. Best and largest display, \$50 silver trophy cup, and Mo. State cup; best male and female. Two 1sts, three 2ds, four 3ds, three 4ths, three 5ths. 85 birds in class.

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Males heading our pens as Buffs and Blacks are winners at Boston, Madison Square Garden and Chicago. Also our Blacks are blue ribbon winners at every important show in the south, such as Nashville, Birmingham, Memphis and other shows. Send for mating list and prices on stock. A few first-class specimens for sale at reasonable prices
M. E. Taylor : : : : Box A, Orleans, Indiana

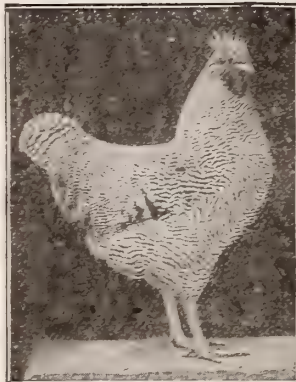
Winners For 17 Years Layers

Nixon's White Wyandottes

Have made good, not only for myself, but in hands of my customers. If you want deep round breasts, broad saddles and tails, pure white plumage, together with extra layers, write me. My yards for 1910 are mated with birds that conform very closely to new standard requirements and they are sure to produce winners if winners are produced anywhere. My yards contain Madison Square, Boston, Jamestown, etc., winners, or direct descendants. Eggs ready for shipment after January 15, 1910. Write to day for my literature.

Chas. Nixon, A. P. A. Judge and Member, Box 202, Washington, New Jersey

When You Buy Eggs from Blaker's Barred Rocks



You get them from females that are clean, snappy, narrow barred throughout, good in size and superb shape; have low even combs, rich bay eyes and nice yellow legs. Mated with them are elegant males like the one illustrated in this ad. Many are direct descendants of Madison Square Garden winners; others our great Kansas City and Parsons winners. At the big Kansas City show we were the only exhibitor winning in all classes, cock, cockerel, hen, pullet and pen.

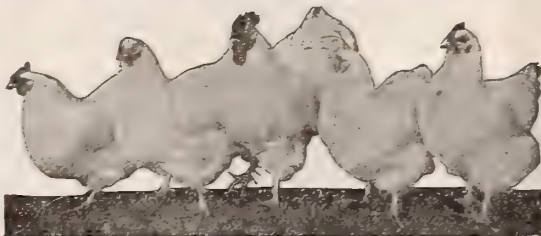
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I was head poultryman and foreman for E. B. Thompson for two seasons and have mated my yards with the same care that I did the Great Ringlets, under Mr. Thompson's directions. All say my yards are the most skillfully mated of any ever seen in the west.

Eggs from our Finest Exhibition Matings, same as we set from ourselves at \$3 per 15, \$5 per 30, \$8 per 50 and \$15 per 100. From Special Selected Pens, \$5 and \$10 per 15. Incubator Eggs, \$2 per 30, \$6 per 100.

A. E. BLAKER, Box A, Route 2, Parsons, Kansas

ORPINGTONS



WHITES

BUFFS

Don't look any longer. We can send you just what you want and at "LET LIVE" prices. Everything sold on approval and every customer pleased. HUNDREDS of early hatched birds to select from and quality for any competition.

W. E. Stanfield, Brookdale Farm, Hillsdale, Michigan

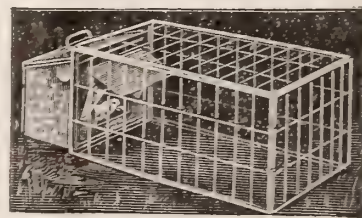


The Model Portable Henery

The Model Portable Henery admitted by all to be the most complete and practical hen house they had ever seen, just the thing for the city and for fancy breeding pens.



Economy Trap Nest



Model Setting Coop

Model Setting Coop, metal, just what you want when the hatching season begins. It is a combination coop, first use it to set the hen in, afterwards use it as a brood coop.

Model Brood Coop, metal, a larger size coop for brooding, will accommodate hen with twenty-five chicks, secure from vermin and the elements, an easy cleaning coop simply by drawing two hooks, bottom drops out.

Economy Trap Nests, both in wood and metal, the most simple on the market, cost but little more than an ordinary nest, yet work to perfection, never get out of order and never fail to work.

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NIEMANN BROS. MFG. CO., Box 677, MT. OLIVE, ILLINOIS

WE SAVE YOU FIFTY PER CENT \$1.50 FOR 75c

Three of the Best Poultry Publications, Practically Supplying the Entire Needs of Every Poultryman, at One-Half the Regular Price

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THOROUGHBREDS

Something above the ordinary : Royal Strains of poultry are well known

White Holland Turkeys. New York winners, 1910, 3d tom, 1st young tom, 1st and 2d hens. **Indian Runner Ducks.** Jamestown winners, 3d pen, headed by 1st drake, N. Y. Also won special for best I. R. in the show. **S. C. Buff Leghorns.** N. Y. silver cup winning strain. N. Y., 1910, won 3d pen, 5th cock, 5th pullet. **White and Pearl Guinea Hens.** Circular. Write for what you want. Stock and eggs.

ROYAL FARMS - DEPT. X - LITTLE SILVER, NEW JERSEY

Arnold's Columbian Wyandottes

In the hands of our customers are doing wonders in stock and eggs we sold them last season, and we are sure they will do even better next season. Now a word as to eggs for hatching. From eggs we sent to England was raised the 2d prize chl. at the Crystal Palace show. Eggs sold to Canada produced the 1st and 2d prize pullets in some of Canada's largest shows. Also 1st pullet at Chicago a few years ago, and 1st Madison Square Garden, 1909, cockerel were from eggs we sold. A cockerel and pullet that won in the 1910 Madison Square Garden Show came from one setting of eggs we sold. Proof we give our customers the best. Mr. Theodore Wittman, one of America's leading judges and breeders, who saw our birds Feb. 1, said: "Arnold, you have the best average lot of Columbians I ever saw." Some have a few good birds, we have many. There is a difference to those who buy eggs, and especially to those who buy in 100 lots. We have no mating list, but the best matings we ever owned, by far. Best eggs, \$5 per 15, \$9 per 30, \$12 per 50, \$20 per 100. Other fine yards, \$2 per 15, \$12 per 100. **Aug. D. Arnold, Box 777, Dillsburg, Pennsylvania**

43 Varieties

Poultry, Squab Breeders, Fancy Pigeons, Ducks, Geese, Guineas and Eggs. Ornamental Birds, Wild Game, Pheasants, Pea Fowl and Dogs.* Old Trusty Incubators, freight paid. Feed and Supplies. Handsome Catalogue, containing 150 illustrations, 2c.

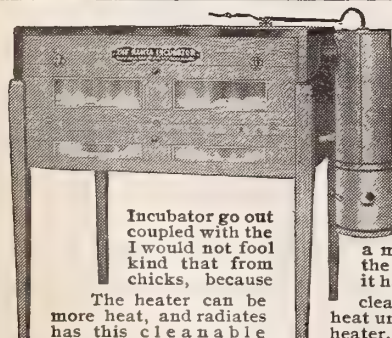
Missouri Squab Co., Dept. R, St. Louis, Mo.

Poley's World's Best Buff Rocks

again make a great sweep at Madison Square Garden, N. Y., 1909-10, winning 1 cock, 1, 2 hens, 2, 5 pullets, 1, 3 pens, also winning the National Championship cup for best cock, hen, chl. and pullet; also 4 of the specials for shape and color, and best display by a very large margin, winning more points than my four next highest competitors all together. I have won nine 1sts at the last shows at Madison Square Garden, and at Indianapolis, Ind., Nat'l Club meeting, '08, I won five 1sts, championship cup and best display by a large margin. At Greenville, S. C., I also won 1st display by a large margin. This is the 3d year in succession that I have won 1st pen at Madison Square; my 1st pen was pronounced by Judge W. C. Denny to be without exception the best pen ever shown in America. My string was the sensation of the show. Write for catalogue.

John W. Poley - Box A - Royersford, Pennsylvania

BANTA



Incubator go out coupled with the I would not fool kind that from chicks, because

The heater can be more heat, and radiates has this cleanable

The cloth diaphragms work of the most lasting kind. They retain heat even better than a fireless cooker.

No change in egg trays is necessary for duck, goose or turkey eggs. The regulator is simple and sure in operation. We guarantee it.

The large nursery under the egg trays is provided with doors and a drawer so that chicks may be removed from the Incubator without in any way interfering with the hatching of other eggs.

We could go on telling you many other points about Banta Incubators. Send for my catalogue and you will understand better why I am proud of my Incubator and why I can guarantee it to hatch so well, last so long, and give such delight. It is a book worth your time to read. Send for it to-day. Address as below. I will get it because I give my entire personal attention to all Incubator and Brooder business.

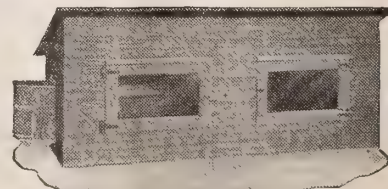
That is my name, and I am proud of it. It is also the name I have given my Incubators and Brooders, and I am proud of them, too. There are many generations of Banta's with reputations for honest, square dealing, and there is now a 17 years' enviable record back of my Incubators and Brooders.

I honestly believe there are more Banta Incubators that have been in successful use five-six-seven-and more years than any other machine, regardless of price. Some cheap machines are useless before the end of the first season—or even the first hatch. These are expensively "cheap." I never let a Banta Incubator go out of my factory that I know will not last even longer than the brash claims made by some manufacturers—never let a Banta that is not as nearly perfect as Knowledge, Experience and Material can make it, when desire to make an Incubator that will hatch each fertile egg into a strong, healthy chick.

a minute with an Incubator that hatched eggs and that was all—the chicks must be the very start can be developed into prize winners. The Banta Incubator will hatch strong. it has points of exclusive prominence:

cleaned if you should turn up your lamp high enough to smoke. A heater filled with soot requires heat unevenly—increasing cost to operate and possibly killing your hatch. No other Incubator heater.

are removable for cleaning. The frames for these cloths are mortised and tenoned—strictly cabinet The top has thirteen thicknesses of packing and lumber; the double walls five (5), with enclosed air space. The doors always shut air-tight against a jamb.



THE BANTA-BENDER CO., Dept. C, Ligonier, Indiana.

PARADISE BROODER

THE name of this brooder describes the kind of a home it furnishes for little chicks. On the basis of our many years experience in the manufacture and sale of brooding devices we believe this to be the best indoor brooder invented thus far as a nursery for chickens. The Paradise Sectional Brooder embodies the correct principles of brooding chicks and ducklings by artificial means—heat, light, ventilation, room for exercise, fresh water, etc., combined with economy of fuel, labor, feed, money, space and time.

HEAT—You can successfully brood four hundred chickens at one time, fifty chicks in each lot in a Four-section, Upright, Indoor Paradise Brooder (each lot having a space 3 x 3½ ft.) with the use of one lamp, a blue-flame standard burner, with automatic oil feed. *The ages of the chicks may vary from one day to eight weeks old* and the chicks can be separated as to sizes, yet all will have just such conditions as are essential for their rapid development.

VENTILATION—Each section has two individual hovers, with separate runways, each hover having a fresh-air inlet directly connected with the outside of building, this air being moderately warmed before it enters hovers.

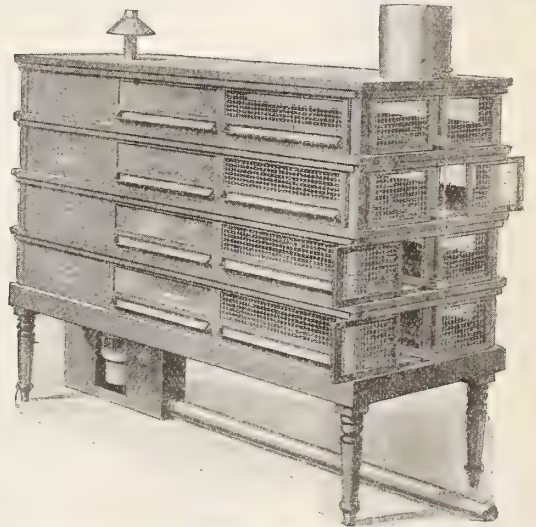
LIGHT—There are no felt curtains, no places to harbor lice, mites, etc., *but there is plenty of light.* The entire four hundred chicks of all ages can be seen at one time almost at a glance.

WATER—Each section, each runway, has a constant supply of fresh, cool running water which feeds automatically from a drip tank located on the top section.

PLACES TO USE—Should be operated in a dwelling house, store room, stable, poultry building or other structure where the temperature does not go much below freezing. Will give excellent satisfaction in any of these locations. *No better or more convenient place can be found than a room in an ordinary dwelling.* Two brooders complete, four sections each, having a combined capacity of eight hundred (800) chicks, can be operated in a room 12x12 ft. with every convenience. Size of each brooder (floor space) is 3x7 ft., and an eighteen or twenty-four inch aisle is needed at ends and sides for operator.

IDEAL NURSERY—One of these brooders complete can be located to advantage in each runway of an ordinary brooding house that is heated by hot-water pipes or equipped with individual floor brooders and will serve as a first-class nursery for newly hatched chicks, thus greatly increasing the capacity of the house and giving the owner a place in which to brood his youngest chicks where they will be under perfect control every hour of the day or night.

DAY-OLD CHICKS—The Paradise Brooder is just the thing for poultrymen dealing in day-old chicks who need comfortable and safe quarters in which to keep newly hatched chicks a few hours or a few days until they are shipped away on orders. *It is equally valuable for all persons who buy day-old chicks.*



PARADISE SECTIONAL BROODER
(Showing Four Sections)

The operator can use one or several sections at a time—one lamp and water tank does for all. This brooder is the result of years of study and test by practical poultrymen. It has been in general public use three years. Sold in one, two, three or four sections.

SAMPLE TESTIMONIALS

Cyphers Incubator Co.—

Angola, N. Y., April 8, 1908

We are using the Paradise Brooders in connection with our 170-foot brooding house. By doing so we have a capacity of 5,000 chicks at one time. Our chicks are taken from the incubators to the Paradise Brooders and kept there for three weeks, then transferred to the hot-water pipe system. This plan is giving perfect satisfaction. One thing we especially like about the Paradise Brooder, you can see nearly all the chicks any time at a glance. The glass and wire keep every chick in sight—different from the old-style dark hovers. Very truly yours,

WM. J. CONNORS POULTRY FARM,
Robt. Herman, Superintendent.

Cyphers Incubator Co.—

San Antonio, Texas, August 11, 1908

The fifteen sections have been in continuous use since I installed them, with fifty chicks to the hover, and even with the intense heat of a Texas summer we have averaged less than one-half of one per cent. death loss, and saved at least three-quarters the labor, while the growth of the chicks has been astonishing—my comparison of results is by the practical test of brooding as the outdoor brooder loss was seven to ten per cent. with same feed, care and attention, so hereafter the Paradise Sectional Brooder for me as the nursery home until the danger period is past. With best wishes I am, Yours very truly,

WALTER B. FRANKLIN, Manager.

Cyphers Incubator Co.— Pine Ridge, Buffalo, N. Y., December 20, 1909

My poultryman has used one of the Paradise, Four-section Upright, Indoor Brooders since last February and has raised in it eight different lots of chicks with practically no loss. Yesterday we took 114 chickens out of this brooder that were raised in it until nine weeks old, Leghorns, Houdans, etc., and they weighed a pound to a pound and a quarter each, just right for squab broilers. The fore part of October, 116 chicks—all we hatched at that time—were put in this brooder and we lost only two, both by accident. I believe the Paradise Brooder is the best indoor brooding device ever invented for raising chicks to broiler size. It is cheaper to buy, easier to use and far more economical than the ordinary floor brooders.

Yours truly, GEO. URBAN, Jr.

Cyphers Incubator Co.—

Athol Springs, N. Y., January 15, 1910

I installed a four-section Paradise Brooder in my stable last March on the Lake Shore and raised chickens in it all spring and summer with fine success. There was no auxiliary heat in the stable and the double doors were opened a number of times each day. I now have it in operation in an unheated room of my new poultry house. At first my men—gardeners by trade—looked askance at this type of brooder, but it was not long before they discarded the floor brooders for this one and now they are not willing to use anything else. I shall order more of them this season.

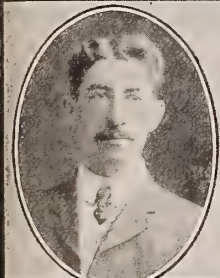
Very truly yours,
H. A. FORMAN.

FOR BOOKLET ILLUSTRATING and describing Paradise Brooders and for prices of base section and super-sections, address Home Offices and Factory of

CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y.



G.M. CURTIS, Genl Mgr.



W.A. TRUE, Mgr Sales Dept.



C.A. DAMON, Supt Factory



G.C. PROUTY, Boston Mgr.



S.A. SMITH, Chicago Mgr.



F.C. PERKINS, Cons Engr.

CYPHERS INCUBATORS AND THE MEN WHO MAKE THEM

YOU MAY BE A FANCIER—AN EXHIBITOR;
YOU MAY BE AN EGG-FARMER;
YOU MAY BE A MARKET-POULTRYMAN;
YOU MAY BE A DUCK-GROWER;

YOU MAY BE ALL OF THESE, but one thing sure: If you are successful you don't choose an Incubator just because it is low-priced.

GET A MACHINE THAT IS GUARANTEED BY EXPERTS

Do You Want Low-Priced Incubators Or Incubators Built To Hatch?—Which?

YOU KNOW that to make money in the poultry business, you have to assure yourself of the following important requirements:

- (1) That your Incubator shall hatch strong, healthy vigorous chicks.
- (2) That your Incubator shall hatch a large percentage of the eggs put into it.
- (3) That your Incubator shall do this every hatch; not only "once upon a time."

EGGS SPOILED, LOST, are a dead loss. TIME WASTED, LOST, you can never recover. There is more money lost by spoiled eggs in poor incubators than would pay for good machines, not to mention the lost opportunity of getting your chickens matured for early shows, or getting them to market, or to laying when prices are high. You know that if your Incubator hatches weaklings, you must look out for trouble. Again, if your Incubator is not built to withstand all weathers and climates you might as well have none, and wait for the hens to sit. A cheaply built Incubator that will hatch only in warm weather is bound to be a loss to you. If you want to hatch early you must have an Incubator built to withstand the changes in temperature of winter and early spring.

GET A MACHINE THAT IS GUARANTEED BY EXPERTS

AN INCUBATOR BUILT TO HATCH WILL ALWAYS HATCH

It may cost you more than a tin box, or wooden box and a foot warmer; BUT, Reader, You are in the Poultry Business; not Experimenting. Let the manufacturer do the Experimenting: YOU DO THE HATCHING. Nothing but the Best will put you in a position to do a money-making business, whether you hatch Show-Birds, Layers, Broilers, Roasters, or Ducks. Therefore, buy the Best machine; one that costs more to Buy because it costs more to Build.

AN INCUBATOR THAT WAS BUILT TO HATCH

Cyphers Incubator Company, Buffalo, N. Y.

Hillsdale, Ill., March 29, 1909.

I will write you concerning a 120 Egg CYPHERS INCUBATOR I HAVE HAD FOR ABOUT TEN YEARS. I used this Incubator for about five seasons. The past five years it has not been used; standing in a shed; no floor in the shed. Having a number of eggs on hand this winter, and no broody hens, I dug up the Incubator in February; cleaned it up, and started the lamp going. It took most three days to get it dried out before I got it regulated. I did not expect a big hatch, but imagine my surprise when I got 98 per cent. of a hatch of strong, healthy chicks. I am using the same lamp and burner I got with the Incubator. I HAVE NEVER PAID OUT ONE CENT FOR REPAIRS. If any one can beat this record I would like to hear from them.

C. H. NUNDLE.

There are hundreds of letters like the above in our Big Free Catalog. Read about this Big Free Book on the opposite page; then write for it, addressing the office nearest to you.

Cyphers Incubator Company, Dept. 30

Buffalo, N. Y. New York City Chicago, Ill. Boston, Mass. Kansas City, Mo. Oakland, Cal.

ALL
WINNERS
ALL HATCHED
IN
CYPHERS
INCUBATORS



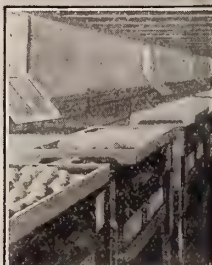
MR. RICE'S New York Winner



MR. FISHEL'S \$800. Cock

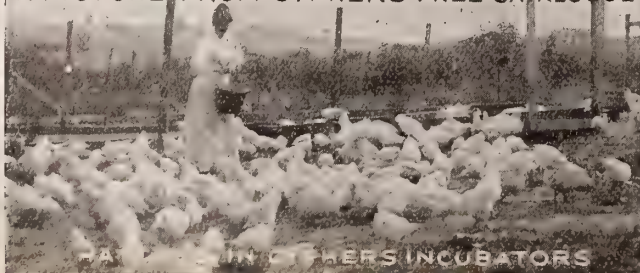


BLACK POINT YARDS 1st Prize Cock



CYPHERS INCUBATORS Lett View

A PICTURE FROM CYPHERS FREE CATALOGUE

CYPHERS 1910
STANDARD INCUBATOR

**ALL
WINNERS
ALL HATCHED
IN
CYPHERS
INCUBATORS**



From KELLERSTRASS' \$10,000 Poultry



From MR. RIGGS' \$5,000 Flock



MR. METCALF'S 1st Prize Pullet



CYPHERS INCUBATORS—Right View

CYPHERS BROODERS AND WHO GUARANTEE THEM

**CYPHERS INCUBATORS AND BROODERS
ARE USED BY MORE EXPERIMENT STATIONS;
ARE USED ON MORE BIG PLANTS;
ARE USED BY MORE FANCIERS;**

THAN ALL OTHER MAKES COMBINED. Brooders as well as Incubators should be chosen with care if you would be successful.

GET A MACHINE THAT IS GUARANTEED BY EXPERTS

Why Hatch Strong Healthy Chicks Then Kill Them In Poor Brooders?

YOU KNOW that to raise chicks quickly, healthfully, profitably and numerously, you must have:

- (1) **A Brooder that will heat up to 90 or 100 when the chicks are put in.**
- (2) **A Brooder built to hold the temperature at the desired height.**
- (3) **A Brooder that is self-ventilating, free from fumes, and built to economize labor.**

CHICKS WEAKENED, STUNTED at the start never recover their growth. Lack of heat causes over-crowding, stunts their growth, and gives them diarrhoea, pneumonia and tuberculosis. Yet with some of the so-called cheap brooders you have to crowd the chicks to keep them warm. Lack of ventilation and fresh air causes anemia and loss of vitality, and **YOU KNOW** that the man or woman who tries to make shift with a worthless brooder is inviting all these troubles and losses.

Don't lose a whole season's time and profits by playing at poultry keeping. Don't be fooled by the so-called cheap brooders that are placed on the market these days—some made of paper; some of soap box material; some with no heat, and no means of heating; some that would not hold heat even if it were applied. Be earnest: Avoid the use of useless Knick-Knacks. They are very expensive even if they don't cost much.

GET A MACHINE THAT IS GUARANTEED BY EXPERTS

A BROODER BUILT TO BROOD WILL ALWAYS BROOD

It will brood in winter and in spring. No need to wait for summer to get heat enough for the natural requirement of the chicks—and every poultryman and poultrywoman knows that **THE FIRST REQUIREMENT OF CHICKS IS HEAT.** Even temperature and continuous heat is of far more importance to the chicks than food during the first few days. And you cannot provide regular heat unless your brooder is built well enough to maintain it. Don't be misled.

A BOOK THAT STARTS YOU RIGHT AND KEEPS YOU GOING

If you want to know how to Hatch; how to Brood; how to save, and how to make money in the poultry business you need our Big Free Catalog of 160 pages; fully illustrated. Here are some of the contents: Five long chapters on Hatching with Incubators; How it is done on Cyphers Company's Poultry Farm; Brooding on our Big Farm; Feeding Chicks on Cyphers Company's Big Farm; and all about Laying Records. Over 30 illustrations of Experiment Station's Poultry, Poultry Houses, and photos of their instructors. 100 photographs of America's biggest poultry and duck plants; some raising over 40,000 ducklings a year. Over fifty photos of leading poultry men and poultry women (many of whom you have read about) and their birds and yards; and full descriptions and illustrations of how our Incubators and Brooders are made; with interior and exterior views, and so much other information that must be useful to you no matter what machines you use. This Big Book is Free; simply send us your name and address and you will get it Post paid Free of charge.

Address the Office Nearest to You.

Cyphers Incubator Company, Dept. 30

Buffalo, N. Y. New York City Chicago, Ill. Boston, Mass. Kansas City, Mo. Oakland, Cal.



R.H. ESSEX, Asst. Gen'l. Mgr.



G.H. GILLIES, Asst. Secretary



H.E. MOSS, Supt. Mfg.



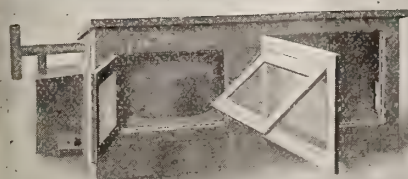
F.H. DILLINGHAM, New York Mgr.



W.E. DRAPER, Oakland Mgr.



C.E. ADAIR, Expt. Dept. & Farm.



CYPHERS 1910
UNEQUALLED OUT-DOOR BROODER
SELF-VENTILATING SELF REGULATING



HATCHED IN CYPHERS INCUBATORS

Columbian Wyandottes

Line-bred for ten years. I originated and bred the "Challenge Strain" Light Brahmas twenty years ago and now give my customers in my CHALLENGE STRAIN COLUMBIAN WYANDOTTES, the benefit of my long experience in breeding and producing the markings demanded for Columbian Wyandottes by the latest Standard of Perfection. Their record at

New York and Boston For Two Years

in the keenest of competition at these two leading shows prove that Keating's Challenge Strain leads all others. NEW YORK, 1909-10—2d and 4th cocks; 2d hen; 2d and 3d cockerels, and silver cup for best display. BOSTON, 1910—First cockerel; first and fourth cock; third, fourth and sixth hens and sixth pullet; also silver cup for best cockerel; special for best display, special for best cock and fourth hen, special for best cockerel and fourth pullet, special for best shape male, and special for best colored male.

EGGS! EGGS!! From pens headed by first prize cockerel at Boston, 1909, and first prize cockerel Boston, 1910, \$10 per 15, the run of the two pens. Selected from one pen, \$15 per 15. I am breeding three other yards equally as good headed by males that were winners at New York or Boston, and every female has won or direct from New York or Boston winners, at \$5 per 15; \$10 per 45. Some grand exhibition and breeding birds for sale at reasonable prices, quality considered.

All stock and eggs guaranteed as represented. Mention American Poultry Journal when writing.

J. P. Keating, :: Westboro, Mass.

Burhans' "Quality" Exhibition Barred Rock Matings Will Breed Still More Champions IN 1910

There is not room in this advertisement to tell you all about my matings for 1910, but I have prepared a catalog of sixteen pages, profusely illustrated with half-tones made from actual photos of my birds right here in my yards, which I will send you if you are really interested in better Barred Plymouth Rocks. It will tell you how to know the sire and dam of every chick you raise, how I breed the winning kind of exhibition cockerels, how I produce those snappy colored males that breed on in future generations, how I mate my birds, how to mark your chicks, how to select your best cockerel bred females, how to choose your best pullet bred cockerels, how to select breeding cockerels that will stamp their likeness on their chicks and produce said males, how I pedigree my chicks, how to get the most out of a setting of eggs, how to breed heavy layers and work for fertility and vigor, as well as giving a lot of information on how I have attained such wonderful success with "Quality" Barred Plymouth Rocks.

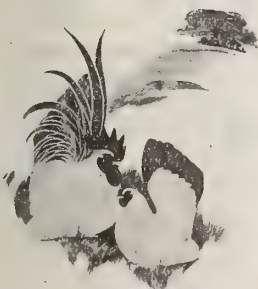
EGGS this season, \$4, \$5, \$7, \$10, \$15, \$25 and \$45 per setting. Write early for the catalog, for I have but a limited number. Stamp is appreciated.



Amos Burhans

Breeder of "Quality" Cham-
pion Barred Rocks

Box A, Waterville, Minn.



13 Colored Pictures

SIZE NINE BY TWELVE

FREE

FOR only two subscriptions to American Poultry Journal at 50c each, or one three-year subscription at \$1, we will send you postpaid a set of 13 beautiful colored pictures, drawn from life and ready to frame.

These pictures are 9x12 inches and contain one pair of birds on each panel; just what every fancier wants to hang up on the wall.

Never before have you been offered such inducements. Never before could you obtain thirteen pictures of the Standard breeds in colors free for two subscriptions or one three-year subscription.

Your own subscription will be accepted as one, and with one for your friend or neighbor you will get these thirteen colored pictures free.

Send your renewal today, together with a subscription for your friend, or send your own subscription for three years, together with \$1, and get these pictures free by return mail.

Your renewal will commence when your present subscription expires. Send all subscriptions to

AMERICAN POULTRY JOURNAL

✿✿ PUBLISHING COMPANY ✿✿

358 DEARBORN ST. : CHICAGO, ILL.



ORPINGTONS**BLACK, BUFF AND WHITE**

—offer for this season only, our No. 1 quality eggs at \$3 per fifteen. We will more than please you. Mention American Poultry Journal when writing.

IMPORTED ORPINGTON YARDS**JOE COLEMAN, MANAGER****LEXINGTON, OHIO****SPECIAL ANNOUNCEMENT!**

Our manager, Mr. Joe Coleman, Orpington Expert and Licensed Orpington Judge, offers his secret method of producing prize-winning Orpingtons free to all patrons. Remember, Mr. Coleman bred and sold 6 Orpingtons in one season that won 5 1st and 4 2d prizes at Madison Square, Boston and Chicago. To introduce our grand matings we

EGGS \$3.00 PER 15..**WHY PAY MORE ? ? ? ? ?****Foster's Black Orpingtons**

At the Fort Wayne show, held Jan. 25-29, 1910, the "Duke of Kent Strain," in a class of 64 S. C. Black Orpingtons, there being six exhibitors, won 1, 2, 5 cock; 1, 5 chl.; 2 hen; 3, 4 pullet; 1 pen; best display of all Orpingtons. Eggs of the highest quality, \$4 per 13, \$7 for 26. Send a 1c stamp for the history of the Black Orpingtons and a 9x12 chromo of this famous bird and three of his sons. D. N. Foster, Honorary State Vice-President, American Orpington Club.

Foster & Johnston : R. F. D. 7 : Fort Wayne, Indiana**SINGLE COMB R. I. REDS**

Winners of over 150 prizes during past 5 years in good hot classes, in such shows as Toledo and Cleveland. At the recent Cleveland show, on five entries, 4 of my birds were placed. I have plenty of good breeding stock yet for sale, and my prices are very reasonable. My circular gives you all my winnings and many testimonials from pleased customers, and will convince you I have good quality in my Reds. Will treat you right, EGGS from my select matings, only \$5 per 15. Write for my free circular and mating list. I will satisfy you.

B. M. BILLINGS**BOX A****OBERLIN, OHIO****MISHLER'S**
ROSE COMB BLACK
MINORCAS**MADE A CLEAN SWEEP OF ALL FIRST PRIZES AT CHICAGO, 1909**

in the strongest class of this variety ever brought out, and besides ALL FIRST PRIZES we won 2d, 4th and 5th cocks, 3d and 5th hens, 2d and 3d ckls., 4th pullet and 2d and 3d pens. This in a class of 69 birds and in competition with nine other breeders, places the **Mishler strain at the top**. No more females for sale. We have about 30 fine ckls. sired by our Chicago winners. Let me know about what priced birds you want and I can give you individual descriptions of males I can sell at that price. We have 15 pens mated for the egg trade. The finest Minorca catalogue ever issued, giving illustrations and descriptions of my breeding pens, will be mailed for two red stamps. Why not get a start?

LLOYD C. MISHLER**R. R. 1****NORTH MANCHESTER, IND.****Remarkable Offer****American Poultry Journal***The One Great Poultry Paper*

American Poultry Journal is the oldest, largest and best poultry magazine in America. Now in its 41st volume. Contains from 64 to 172 pages monthly. Covers the entire poultry field, from Maine to California. Profusely illustrated and ably edited.

Farm and Home*The Great Farm Paper*

Published twice a month. Twenty-four copies a year. It is a spicy, practical, up-to-date magazine. It covers every question pertaining to the farm. Profusely illustrated. Popular in both country and town.

Both these magazines one year for only 60c. This is a genuine bargain, and one you cannot afford to pass by. Take advantage of this exceptional opportunity now! If you are already a subscriber to either one of these papers we will extend your subscription accordingly.

Remember, both one year for only . . . 60c

: SEND ALL ORDERS TO :

American Poultry Journal, 358 Dearborn St., Chicago, Ill.

Importer and Exhibitor of Standard Game Specialties

Eggs from my imported Standard Games and Game Bantams. \$5 per 15. Quality guaranteed. Eggs from my Ornamental Bantams, Golden and Silver Sebrights, White and Black Rose Combs, White, Black, Buff and Partridge Cochins Bantams, White, Black and Black Tail Japanese and Polish. \$3.00 per 15. Eggs from my prize winning strains of Rocks, Reds, Polish, Leghorns, Brahmas, Hamburgs, Orpingtons, S. C. Black Minorcas and my C. B. Pierce strain of line bred Partridge Cochins. \$3 per 15. All stock from my eggs guaranteed true to name and No. 1 quality. Book orders early. Stamp please. No circulars. H. J. Snyder, Judge, 1170 Cottage Grove Avenue, Grand Rapids, Michigan

Thorniley's S. C. Anconas

Largest specialty breeder of Single Comb Anconas in America. Bred in line from Madison Square Garden winners, and from heavy winter egg producers. There are no better layers. My birds have won their share of the prizes all over the country for my customers. I can give you show winners, regardless of competition. Stock, day-old chicks and eggs for sale. Circular and description of Anconas mailed free. Mention A. P. J.

Willard J. Thorniley Life Member American Poultry Association Member Ancona Club of America **R. 1, Box 36, Marietta, O.**

PETERSEN'S HOUDANS

THE UNDEFEATED
CHAMPION STRAIN
OF AMERICA

Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

REV. C. E. PETERSEN Pres't Am. Houdan Club from 1900 to 1907 **BRIDGTON, MAINE**



First Prize Cock, Chicago, 1909

STANDARD LINE BRED SINGLE COMB WHITE LEGHORNS

EXCLUSIVELY : : : : THEY LAY WHILE OTHER BREEDS SLEEP

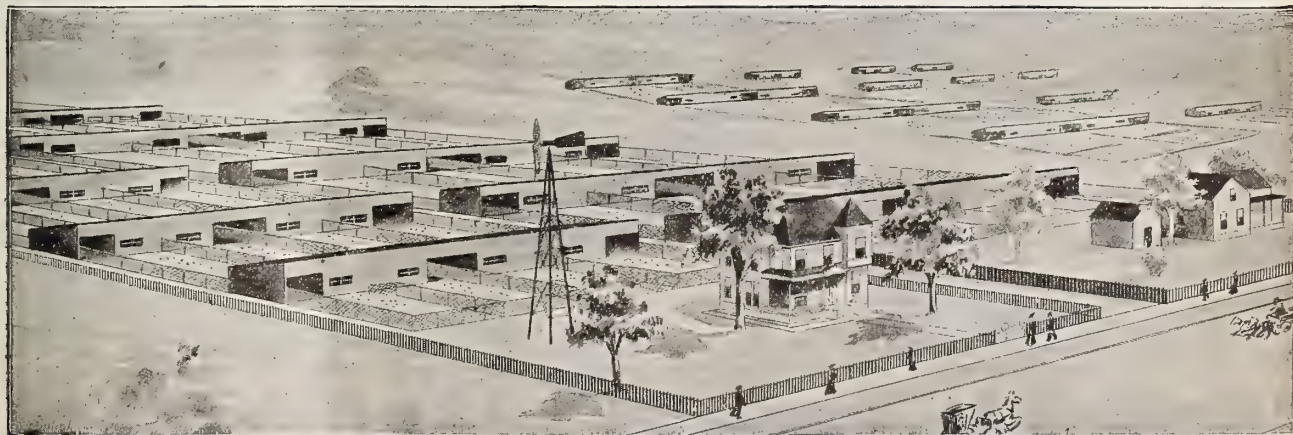
Recent Chicago Winnings

December 7th to 12th, 1909, the largest entry and competition the strongest ever shown at Chicago: 1st, 2d and 3d hens; 1st, 2d and 3d pullets; 1st, 2d and 3d cocks; 2d 3d, 4th and 5th cockerels; 1st pen.

Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and 1st on pen; also cup for best display. Exhibition birds of the highest quality now ready. My stock in customers' hands won firsts in most all of the leading shows last winter and will do it again. Do you want the winners in your show? If so get in touch with me and state your wants. Inclose 10c in stamps or coin for the finest White Leghorn catalog ever published. Stock, eggs and day-old chicks.

The Largest S. C. White Leghorn Farm in the Middle West

The Parkside Poultry Farm, N. P. Easling, Prop., Box 40, Pekin, Illinois



Crescent Poultry Farm, Frank Foy, Prop., Des Moines, Iowa

Foy's Big Book---Money in Poultry and Squabs

Describes and illustrates all the leading varieties of pure bred fowls and Homer Pigeons for squab raising. Tells you all about how to raise poultry for profit, how to feed and mate, all about diseases and remedies and a great mass of useful information. Gives plans for building poultry houses, describes and illustrates the best incubators and brooders and the famous Crescent Poultry Farm, which is the largest poultry farm in this country devoted exclusively to the rearing of pure bred poultry and pigeons. IMPORTANT ADVICE—Tells you how to start the business in a small way and grow big. My specialties are thoroughbred fowls of a high quality, and Homer Pigeons for raising squabs. I can supply eggs for hatching from all leading varieties by the single setting or in large lots for incubators. My prices are low. The quality is high. All who want to keep posted in the poultry business, or contemplate purchasing anything in the above line, should send for this book. Mailed to any address for 4c in stamps. Write your wants; mention A. P. J.

FRANK FOY : : : **Box B** : : : **DES MOINES, IOWA**



Single and Rose Comb Buff Leghorns

MADE THE WORLD'S GREATEST SHOW RECORD

Unequalled and unapproached by any Buff Leghorn breeder—was that made at Chicago, December 7 to 12th, 1909, by the Tecktonius Single and Rose Comb Buff Leghorns. At this great exhibition of the biggest and most superior class of these magnificent birds ever shown under one roof, in the history of the United States, the Tecktonius Single and Rose Comb Buffs took high honors in sixteen out of eighteen entries as follows:

Single Comb—1st pen, 1st and 2d hen, 1st and 5th pullet, 2d and 4th cockerel, 4th cock

Rose Comb—1st pen, 1st and 2d cock, 1st and 2d hen, 2d and 4th pullet, 3d cockerel

Also the Tecktonius Buffs won the silver cup and silver set—and the special for best shape and best colored female offered by the American Buff Leghorn Club. Truly, "honor enough"—for the world's best strain of the "best general purpose fowl on earth" to satisfy even the ambition of the breeder of these distinctive birds.

Tecktonius Buffs--The "Quality" Leghorn

—have proven by test to be the best general purpose fowl on earth, because they are light eaters, healthy, hardy and large Winter egg producers, choice eating, handsome, attractive birds—every inch of them.

My Success Buff Leghorn Book

My beautiful, illustrated 8x11, 32-page catalogue with art colored cover design, contains color plate insert of a pair of Buff Leghorns (suitable for framing) showing true color and shape to breed to. This book covers every feature of the poultry business, especially the feeding, breeding, mating, conditioning and care of Buff Leghorns—also covers the diagnosing of diseases common to poultry and a specific cure for same. This magnificent catalogue will be mailed to any part of the United States or Canada, upon receipt of twenty-five cents, coin or stamps. Your money back, if not pleased.

F. A. TECKTONIUS

ROUTE 7

RACINE, WISCONSIN

S. C. Brown Leghorns



Winners bred from winners—not once or twice, but year after year. Not some little local show, but such shows as Madison Square Garden, Boston, Chicago, Cleveland and Indianapolis, where my birds came in competition with the best Brown Leghorns in the land, east and west, and in every case they have

Landed a First Prize

Read this record and be convinced that like begets like, and that my S. C. Brown Leghorns are unsurpassed in quality.

At Chicago, Dec., 1909, I won 1, 2 cock; 1, 5 cockerel. At Boston, 1907-8, 3, 5 cock; 1, 2, 5 cockerel; 3, 6 hen. At Madison Square Garden, 1905, 1 cock, 3 pullet. At Chicago, 1905, 2 cock; 2, 3 cockerel; 1 pullet; 1 pen; 15 specials. At Indianapolis, 1 cock; 1 cockerel; 1 pullet; 1 pen.

This should convince you I have the quality you are looking for. Eggs \$3 and \$5 per setting. I want to hear from you. Satisfaction guaranteed.

W. H. Wiebke Box P-348 Ft. Wayne, Ind.

S. C. Buff and Black Orpingtons

Our birds have won silver cups and blue ribbons at such shows as Philadelphia, Pa., Cleveland and Willoughby, Ohio. Our late winnings at Willoughby were 1, 2, 3, 4 pullets; 1 hen; 1 ckl.; 1, 2 pen; silver cup for best display of solid colored birds. Our birds are pure Cook Strain and bred close to Standard requirements. Our pens contain our prize winners and our mating list is free. Send for it today.

CAIRNGORM FARM

W. C. Boyle, Owner; Fred J. Hope, Mgr.

NOTTINGHAM, OHIO

Giant Bronze Turkeys .. Best .. Part. Wyandottes

At the great Madison Square Garden Shows of 1907-8-9-10 our Bronze Turkeys and Partridge Wyandottes won a total of twice as many premiums and twice as many points as any competitor. At the above 1910 show our birds won more premiums and more points than all competitors combined. The choicest turkeys and Wyandottes we ever raised for sale now. Remember, all stock found not as represented may be returned at our expense and your money will be cheerfully refunded. All birds farm raised; vigorous and unexcelled for utility purposes. Write what you want; we'll try to please you.

BIRD BROS. :

BOX C :

MEYERSDALE, PENNA.

BUFF AND CRYSTAL WHITE

ORPINGTONS

Largest Winners at Chicago Show. On thirteen entries we won eight prizes and silver cup. No other breeders equaled this record. Stock for sale. Send for catalogue. We ship on approval. Large early cockerels a specialty.

Goodes & Palmer

Box 430

Marcellus, Michigan

AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

Volume 41

Chicago, Ill., March, 1910

No. 3

A VISIT TO THE ROCKANDOTTE FARM

Harry M. Lamon, Special Representative of American Poultry Journal, visits
This Farm and Tells Our Readers His Impressions of the Place Where
the Champion White Rocks and White Wyandottes are Produced

WHILE at the Boston show I had a very cordial invitation to visit the Rockandotte Farm of W. R. Graves, Southboro, Mass., and as I have often wanted to see the place where so many of the best White Rocks and White Wyandottes came from I did not wait for a second one, but stopped on my way back from Boston. Arriving at the station Mr. Graves was there to welcome me, and I was soon at the farm, which is but a short distance from the depot. The writer has managed several poultry plants and been on many others, but is willing to go on record as saying that Rockandotte Farm is the best situated for the production of high-class poultry that he has ever seen. The land is a clay loam, which slopes toward the south, with a fine piece of wood running the entire length of the north side of the farm, forming a splendid wind break for the cold winds of winter and producing an abundance of shade for the birds to roam in in the summer. In all there are thirty-five acres in the farm and every inch of it is utilized or will be for the production of their specialties. In the beautiful large orchard directly back of the residence are scattered the colony breeding houses, all of which have ample runs on nice green sod. Mr. Graves erected this last fall a large open-front house, 100 by 18, the runs extending back into the woods. All buildings at Rockandotte Farm are set on concrete foundations, which is ample testimony that this establishment is to be a poultry plant of no mean proportions for years to come. A large part of the orchard is given over to the young chicks in the spring and summer months. Here conditions are most ideal, situated so near the house that Mrs. Graves can give them every attention. No wonder that year after year a cockerel or pullet of a little better quality than those of the year before comes from Rockandotte Farm to win the blue at New York or Boston. And the fund of knowledge that Mr. Graves has gathered during his twenty-three years as a breeder of White Wyandottes is a wealth of experience that only few possess, and it can be readily seen by anyone who may visit this farm that he uses it to the best of advantage. No detail is left unnoticed or uncared for here. Cleanliness and regular hours for feeding are the watchword. The best of grains are used and plenty of them. No undersized hens were to be seen. Mr. Graves is a believer that plenty of feed makes bone and muscle and it was very evident that he practices it. It is generally considered that a person who produces a blue ribbon winner at New York or Boston in one season has gotten about all the honor and glory that fall to most of us, and most of us think he is a lucky man. It was very evident to me that there was but very little luck attached to Mr. Graves' feeding operations, as I certainly had my eyes opened by seeing and handling a White Rock cockerel that unquestionably is a fitter bird than his first prize Boston winner, and he was considered a wonder in many respects by the best critics. There were others right up close to him in quality and many more grand specimens in both Rocks and Dottes being put in shape for customers for the later shows. It certainly was a revelation to me to see so much quality in one breeder's yards. Not a sign of brassiness was to be seen on a single specimen. That the Graves birds are in demand, it may be

of interest to the reader to know that I heard of a sale of one bird, a White Rock, at \$300; and also saw a photographic copy of a letter and check for \$550 for seven White Wyandottes. It is a self-evident fact that a person who is not a breeder could not sell birds of such quality year after year and still each season produce specimens of a little better quality than those of the year before. Mr. Graves raises his winners and takes a lot of pride and satisfaction in doing it, and well he may. In the breeding pens, of which Mr. Graves informed me there would be five of each variety, were to be seen in White Rocks the first cock at the Tri-State fair; first and third cockerel, Boston, 1910; first Tri-State fair pullet, which was also awarded the grand special prize for best pullet in the show; first hen, Tri-State fair, and the pullets in the first prize pen; the second hen at New York, 1907, the mother of the first and third Boston cockerels, 1910; the mother of the first New York cockerel, 1909; second New York pullet, 1908-09, and several sons and daughters of the first Madison Square garden cockerel of 1908-09. In White Wyandottes the second Tri-State cock, first hen, first cockerel and first and second pullet, the fourth and fifth New York cock, fifth hen and fifth cockerel, 1910, the four females in the fourth pen at New York, 1908-09, and many others that I felt that Mr. Graves could duplicate the above wins with that had never been shown. I have often heard that many of the winners at our best shows in White Rocks and White Wyandottes come from Rockandotte farm each season, and I do not wonder, as a tabulated pedigree is kept of each bird and has been for generations back. Mr. Graves was rather backward about mentioning sales of birds that had made big wins in his customers hands, as he stated he did not care to mention them unless given that privilege by his customers, but did show me the testimonial from his customer who won first cockerel, first and fourth pullet at the Nebraska state show, 1909, the cockerel winning the gold medal for best male in the American in class (White Rocks). Many other testimonials were looked over from satisfied customers acknowledging the splendid treatment accorded them. Among some of the many valuable cups I had the pleasure of seeing were the Pan-American cup for the best White Wyandotte hens and the cup for the best White Wyandotte hen at New York, 1903 Mr. Graves took especial pride in showing me the gold medal and diploma presented to him for judging at the St. Louis World's Fair and in speaking of the splendid treatment shown him by the exhibitors. Then there was the Como Mills cup won on best pen of Wyandottes, the Purina Mills cup on best pen of White Rocks and the grand silver punch bowl, all won at the last Tri-State Fair held at Memphis, Tenn. Mr. Graves informed me that he personally attends to the selection and shipping of all stock and stands back of every sale made with the guarantee that every transaction must be just as represented or the customer gets his money back. The evening spent at Rockandotte Farm was a most enjoyable one and I left the next morning carrying with me the very highest regards for both Mr. and Mrs. Graves.

The number of females to be used with one male to insure great fertility depends on conditions, that is, house and yard room, or if they have free farm range one male can take care of twelve to fifteen hens, while under the former condition eight or ten females is sufficient for one male bird. And again it depends on the variety of fowls you breed, the larger the breed the less females, while on the other hand, such as Leghorns, etc., one male is sufficient for fifteen to twenty-five females.

THE CLEVELAND SHOW

THE Cleveland Fanciers' Club held their fifth annual show in the Central Armory, Cleveland, Ohio, January 24-29, 1910. To say the Cleveland show was a success is putting it mildly, for it brought out an entry of over 3,000 birds, pigeons and pet stock, and the Armory was taxed to its utmost to accommodate these fowls, and the dogs, which show was held in connection with the poultry show. The poultry had to be all double-decked on the lower floor, and the gallery was taxed to its utmost as well. The show this year was larger and better than ever before, having over 600 exhibitors in all, and some 425 dogs in the dog show. The attendance was very good indeed, and we are informed that over 15,000 people saw the show. Much credit is due the officers, who by their arduous labors made possible this grand show, no less among which is Mr. E. G. Conkey, the secretary, who was ably assisted by the other officers and members of the association. Messrs. Frank and Eugene Sites ably superintended the show, which was no small job.

The booths were handsomely decorated, and incubator and poultry people were well represented, as were also all the poultry publications. The attraction of the show and the one to which the other poultry shows must take off their hats to the Cleveland show is the gorgeous manner in which the booths of the Tannenbaum Farm and Ridge View Farm, both of Willoughby, Ohio, were decorated.

The Ridge View Farm's Booth.

The Ridge View Farm, breeders of practical Reds and White Orpingtons, put up at this show what is without question an entirely new innovation in an exhibit of this kind. They had some 200 square feet of space which was enclosed in yellow bunting, and in this space were some sixty Empire coops, containing White Orpingtons and Rhode Island Reds, every specimen in the exhibit being fit to put in competition, although, of course, all these birds were for exhibition only.

The booth was beautifully decorated with southern smilax and Japanese wistaria. All coops were decorated with southern smilax and in each coop was an individual electric light bulb—red lights being used in the Rhode Island Red coops and blue lights in the White Orpington coops. In the ceiling, peeping out from the beautiful decoration of smilax and wistaria, were numberless little colored electric lights.

The exhibit was tastefully railed off with brass railing, hung with heavy red draperies. Over the front of the booth was a large electric sign reading, "Ridge View Farm, Practical Reds and Orpingtons." In the center of the booth was a table on which was displayed the advertising matter of Ridge View Farm and on this table was a handsome crystal glass lamp with a beautiful hand-made hammered brass shade.

The whole effect was that of Fairyland and without question this booth was the sensation of the show. Mr. Alfred G. Clark, proprietor of Ridge View Farm, who is a prominent country real estate broker, was in attendance all during the week, in addition to his three assistants who looked after the wants of the visitors. Mr. Clark brought out a very tasty booklet, something particularly unique and appropriate regarding his practical Reds.

The writer personally looked over Mr. Clark's birds and feels that without question he can state that Mr. Clark has made great advances in producing a practical, uniform type of Rhode Island Reds and that his stock will be heard from in the future even more favorably than it has been in the past.

Ridge View Farm's winnings of the past five years have been exceptionally good, Mr. Clark having practically swept the Cleveland show for three years, the other two years he having shown his birds only for exhibition and not in competition.

At the Ohio State Fairs Mr. Clark has won a good number of prizes the two years he has shown. Also has taken the large end of the firsts at such shows as held at East Liverpool, Sharon, Youngstown, Salem and other Ohio towns. Mr. Clark's winnings with his Reds at Kansas City last year, where he took first pen, first and second hen, first and second pullet, third and fourth cockerel and third cock, as well as shape and color specials, is deserving of mention, as there are some wonderfully good Reds shown at Kansas City each year, being practically in the heart of what might be called the Western Red Territory.

Mr. Clark has bred and developed his own strain of Reds and has had without question as good females as there are in the country and males the equal to the best.

The Tannenbaum Farm's Booth.

The Tannenbaum Farm is the property of Mr. Charles A. Otis, with Mr. A. H. Tryon general manager and Mr. Freshley in charge of the poultry department. Mr. Freshley is a thoroughly practical poultryman, being known as a Barred Rock expert, and who also breeds some crackerjack Columbian Wyandottes, which is proven by the fact that they exhibited the pullet which won first prize at Madison Square Garden this year. The booth of the Tannenbaum Farm at the Cleveland show was indeed profusely and elegantly decorated. The side walls and ceiling were covered with green material and decorated all over with smilax and festoons of pink roses among which were artistically concealed numerous incandescent electric lights, which lit up the booth and showed to advantage the high-class Barred Rocks and Columbian Wyandottes, which were in Empire coops around three



The above picture shows the decorative idea as carried out by William Cook & Sons on their entire exhibit at the late New York show, and which attracted the attention of visitors to their exhibits in all parts of the Garden.



FIRST PRIZE PEN, CHICAGO, 1909
BRED AND OWNED BY
F. A. TECKTONIUS,
RACINE, WISCONSIN

When it comes to producing Buff Leghorns of quality, as well as quantity, Mr. Tecktonius unquestionably occupies the foremost position as a breeder in this country. Not only are his birds noted for their remarkably even color and size, but he has paid special attention to greater egg production in his flock. His new catalogue, which he sends for 25c, is the handsomest ever published by a Leghorn breeder and a veritable mine of information for the poultry breeder. Addressing him Route 7, Racine, Wis., will bring it.

sides of the booth. While the beautiful decorations called forth many exclamations of pleased wonder and surprise from the public, the quality of the birds shown in the coops was not less attractive to the breeder who could appreciate the quality to be found in those specimens exhibited here. Mr. and Mrs. Otis were present at the show the greater part of the week, and were ever ready to talk chicken with any-



S. C. WHITE LEGHORN.

Young Jim, score 95½, by Tucker. Owned by C. C. Foster, Quincy, Mich., and heading his first pen this season.

one. Their first prize Barred Rock hen was the sensation of the Barred Rock alley. She was one of the very best all-around Barred Rock hens we have ever handled, having the much-desired black tipping and the quality of the bar and color were both very good, and she was awarded the color special. Her shape was much better than that usually found in the Barred Rocks of today. The fifth prize hen, also



R. C. R. I. RED.

Winner of first and shape and color special at Lynn. Bred by Chas. F. Thompson & Co., Lynnfield Centre, Mass.

shown by the Tannenbaum Farm, was a sensational bird, being in many ways a duplicate of the quality of first prize and only had to take fifth place because of the lack of tail feathers. We are informed these hens are full sisters and that they are both daughters of "Fluffy Ruffles." On Friday, Mr. Freshley brought down a pullet who is a daughter

of the fifth hen, which created a sensation among the Barred Rock cranks. She is somewhat young yet, and most too small for exhibition, but she shows the quality of color and bar of her mother, and the judge said had she been entered in the open class she would have won in a walk. A number of prominent judges handled her and all were loud in their praise of her wonderful perfections in both color and type. The second and fifth prize pens also fell to the lot of the Tannenbaum Farm and both of these pens showed the quality of Rocks to be found in their breeding pens.

In the Columbian Wyandotte class the Tannenbaum Farms also won a liberal share of the premiums, winning second and fourth hen, fifth pullet and second and fourth pens. Their Columbians show good size and fine Wyandotte type, with good comb and other head points as well as strong wing, hackle and tail marks. Their many prizes won in hot competition in this variety place the quality of their flock of Columbians among the leaders. Much credit is due Mr. Otis for the attractive booth which he put up at the Cleveland show and other breeders will do well to plan on making similar displays at our prominent shows during the coming year. In this way we trust to raise the



standard of poultry exhibitions even above their exceeding high standard of today.

Another important winner in the Barred Rock class was Mr. George W. Bachman, North Baltimore, Ohio, who exhibited some classy birds, and won second and third cock, second hen, first cockerel and third pullet. Mr. Bachman has been making a specialty of breeding exhibition Barred Rocks for many years and knows how to produce birds that will catch the judge's eye. Another exhibitor, whose birds attract considerable attention in this class was Mr. L. E. Simmons, Chicago Junction, Ohio, who succeeded in winning fourth cock, fifth pullet and third hen. The most sensational birds in the White Rock class were exhibited by Dr. S. R. Harrison, Shelby, Ohio, who won first hen, second pullet, third and fifth cockerel. The doctor breeds Rocks that are white and have the correct Rock type, therefore it is to be expected that he should win.

The important winner in the Buff Rock alley was Mr. E. H. Lichtenwalter, Girard, Pa., who not only had type, but that soft buff color so pleasing to the eye and who succeeded in capturing first hen, second and fourth cockerels and second pullet. Another winner in this class was Miss Nora Kiger, Marion, Ohio, who won second and fourth hen and first pen. Fred H. Poertner, Berea, Ohio, on two entries in Buff Rocks, won third and fifth pullets on two very fine birds.

In Silver Wyandottes, Ira C. Keller, Prospect, Ohio, won almost everything. Mr. Keller was also an important winner

OWEN FARMS BIG FOUR



Wm. BARRY OWEN Prop.



M. F. DELANO Supr.

WINNERS AT THE LEADING SHOWS.
OWEN FARMS VINEYARD HAVEN MASS..

in the Golden Wyandotte class. The White Wyandotte class brought out 200 entries and the competition was keen indeed. Mr. Charles McClave, New London, Ohio, succeeded in winning the Zipp cup, which will now remain his property. He also won the silver cup on the best White Wyandotte female, silver cup for best White Wyandotte pen and silver cup for best display of White Wyandottes. His winnings in detail in this class were second and third cocks, third hen, second cockerel, first, second, third and fifth pullet, and first



WHITE WYANDOTTE.

Second prize pullet at Boston and first at Brockton, also shape and color special. Bred and owned by C. W. Pratt, North Abington, Mass.

and second pens. Mr. McClave's other winnings were silver cup for best Bronze Turkey gobbler, silver cup for best Holland Turkey gobbler, special for best display of water fowl, special for best general display of poultry. He exhibited seventy-five head of turkeys and water fowl and every bird was placed. Other winners in the White Wyandotte class were Mr. Herbert H. Knapp, Tyro, Ohio, who won fourth cockerel, a very fine bird. Mr. William J. Battles, Akron, Ohio, won first on his White Wyandotte cock, and



S. C. WHITE LEGHORN.

Winner of first at Springfield, 1910, and Galesburg, Ill., 1910. Bred, owned and exhibited by Robert D. Parmenter, Knoxville, Ill.

Mr. B. M. Billings, Oberlin, Ohio, won first White Wyandotte hen, both being very classy specimens. We were surprised to see the large class of Buff Wyandottes brought out at this show, and the judge remarked it was the largest class of high-quality birds that he had seen in a number of years past. Mr. Gerald Williams, Wellington, Ohio, succeeded in capturing first hen, second cockerel, first pullet and fourth

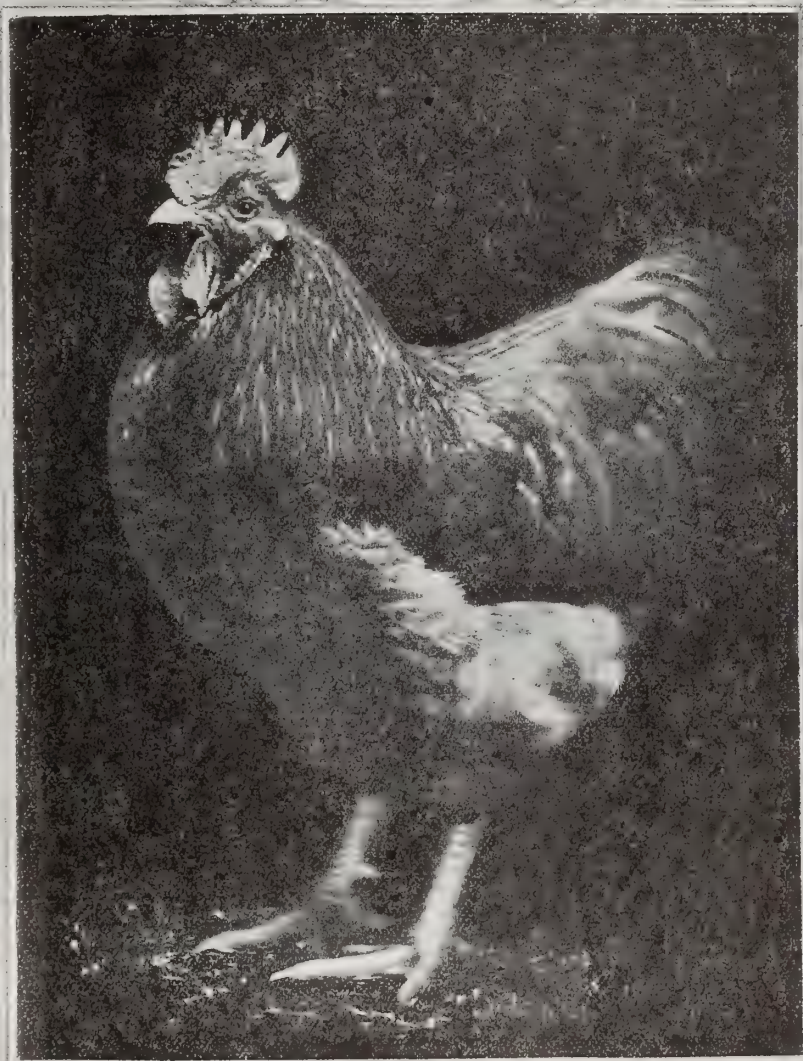
hen. Mr. Williams' birds show high class throughout, and we consider the winners were well placed. Mr. T. K. Martin, Chicago Junction, Ohio, exhibited a very fine pen of Buff Wyandottes and succeeded in winning second place. Mr. Fred A. Poertner, Berea, Ohio, also exhibited in this class, winning fifth on pen. The reason for the large entry on Buff Wyandottes, and the high quality of birds which it brought out, was the meeting of the National Buff Wyandotte Club, which was held during the show. The Columbian Wyandotte class was a very hot one indeed, and many birds of exceptional quality were left out of the money. We have previously mentioned the winnings made by the Tannenbaum Farm in this class. Another important exhibitor, whose birds deserve special mention is the firm of Canfields & King, Painesville, Ohio, who won on five entries, fourth cock, third and fifth cockerel, third hen and third pen. At the late Willoughby, Ohio, show they won second and fourth cock, first, second and fourth cockerel, third hen, fourth and fifth pullet, first pen, silver cup and other specials. Another exhibitor in the Columbian Wyandotte class was Ira Phillips, Oberlin, Ohio, who won second cockerel, first pullet, first pen



SPAUGH'S RESULT NO. 1.

This is the male that is responsible for the grand record made in the show room by C. E. Spaugh, Rugby, Ind.

on three entries in this class. Mr. Phillips certainly produces some good Columbians. We must say the Columbian Wyandottes seen in the shows today are approaching very closely the ideal Wyandotte type and the markings of the Light Brahma. Therefore, it is no wonder so much interest is taken in this variety. The Rhode Island Reds were out in goodly number in both rose and single comb, and here was a battle royal for the honor of winning in this class. In the single comb class Mr. George L. Buell, Lorain, Ohio, was one of the important winners. Mr. Buell succeeded in capturing third cock, first hen, fourth cockerel, fifth pullet and second pen. Mr. Buell's Reds have been prominent winners at Cleveland and other shows for several years past and are high-class specimens of this popular variety. Mr. W. Etzansperger, Willoughby, Ohio, was the other important winner in this class, and he won first and fifth cock, third hen, first cockerel, fourth pullet, first pen. Mr. Etzansperger also breeds Rose Comb Rhode Island Reds, in which class he won fifth cock, first and third hen, third cockerel, first and third pullets and first hen. He won special shape and color on males in single comb and special on shape in males and color in females in the rose comb class. These numerous winnings made by Mr. Etzansperger in both the single and rose comb class speak highly for the quality of Reds bred by him, and you know it took good ones to get a look-in at Cleveland.



1st. Buff Orpington Cockerel
CHICAGO DEC. 1909 OWNED AND BRED BY
A.E.MARTZ, ARCADIA, IND.

Mr. B. M. Billings, Oberlin, Ohio, also had a few entries in Reds and won second on cockerel and second hen in single combs and in rose combs he won fourth on cock bird. Another one of the important winners of the Rose Comb Red class was Mr. H. F. Chase, Cardington, Ohio, who won first cock, second hen, second and fifth cockerel, fifth pullet and second pen. Mr. Chase's exhibition contained birds of high quality throughout and he has been breeding this quality for a number of years past, and winning at many of the important shows in the hottest kind of competition. W. S. Knox, Youngstown, Ohio, on five entries on Black Langshans, succeeded in capturing fifth cock, first hen, fourth cockerel, first pullet and first pen. As this class was well represented with specimens of high quality, these winnings speak well for Mr. Knox.

The Single Comb Brown Leghorn class, while small in numbers, was good in quality. Mr. George F. Buck, Port Clinton, Ohio, won on five entries in this class; second hen, first and second cockerel, third and fourth pullets. Mr. Frank Schellang, Erie, Pa., won on eight entries in this class, first and second cock, first and third hen, third and fifth cockerel,



First prize White Langshan cockerel at Chicago, December, 1909. Bred and owned by Thaddeus E. Allee, 1325 East 55th St., Chicago, Ill.

fifth pullet and first pen. Mr. Sylvester Shirley, Port Clinton, Ohio, exhibited a Rose Comb Brown Leghorn pullet on which he won first place. Mr. Shirley made an exhibit of Silver Duckwing Leghorns and won in this class first cock, first and second pullet on very nice specimens of Silver Duckwings. The Single Comb White Leghorn class was very large and good throughout, important winners in this class were H. C. & C. W. Sixt, West Park, Ohio, who showed a classy lot of birds and won first and fifth cock, second and fourth hen, fourth and fifth cockerel, fifth pullet, second and third pens. They also won silver cup for best display, having won this cup for the past three years. The first prize pen of Single Comb White Leghorn, owned by H. T. & C. H. Whitney, Rocky River, Ohio, was much admired by breeders of this variety, and their birds have been winners at Cleveland during the past. They advertise under the name of White Feather Poultry Farm. The Buff Leghorn class was well represented, Peter S. Hurt, of Thorntown, Ind., showed some fine specimens of this variety, and won second cock, fourth and fifth hen and second pen. Mr. Hurt's Buff Leghorns have been winners in the keenest kind of competition

in the largest shows throughout the country for many years past.

There were some classy birds shown in the Single Comb Black Minorca class, in which Mr. J. H. Shann, Painesville, Ohio, won third cock, first and third hen, first and third cockerel and second pen. In the White-Face Black Spanish class the Portage Poultry Yards, Elmore, O., won first cock, first cockerel, second and fourth pullets.

The Orpingtons at Cleveland were out in goodly numbers, there being some 260 birds shown in the several varieties, which was one of the largest, if not the largest, number of entries in any one breed in the show. The classes were about equally divided between buffs, blacks and whites, and that the competition was keen and of very superior quality is easily recognized when we say that such exhibitors as Cook & Sons, Craig & Mapes, and the Roseland Poultry Farm were showing. In the Buff Orpington class the Roseland Poultry Farm, Charles W. Switzer, proprietor, South Euclid, Ohio, won the cream of the prizes, taking first and third cock, first, second, fourth and fifth hens, first cockerel, second, third and fourth pens, silver cup for best Single Comb Buff Orpington male and silver cup for best display. In this class Messrs. William Cook & Sons, of Scotch Plains, N. J., won second cock on a very fine specimen, third cockerel and fifth pullet. Another exhibitor in this class was the Cairngorn Farm, Nottingham, Ohio, owned by Mr. W. C. Boyle, with Mr. Fred Hope, manager, who exhibited a very fine pen of Buffs, winning fifth place. In the Black Orpington class, Craig & Mapes, Mount Lebanon, Pa., won first and fifth cockerel, third and fifth hen, first and third pullet and fourth pen on a very fine string of Black Orpingtons. William Cook & Sons won fourth cock, first and fourth cockerel and second pen. Mr. Cook had just returned from Atlanta, Ga., where he showed a large string of Orpingtons, capturing about every premium in sight. In the White Orpington class we find Lawrence Jackson, Hayesville, Pa., succeeded in capturing first on cock, first and third hen, second cockerel, first and fifth pullet and first pen. The Ridge View Farm, Willoughby, Ohio, won on this class fourth hen, fourth cockerel and fourth pen. Mr. W. Etzansperger, Willoughby, Ohio, exhibited in this class and won first cockerel and third pen. William Cook & Sons, Scotch Plains, N. J., exhibited some fine specimens in this class and won fifth cock, fifth cockerel, third pullet and fifth pen. The Portage Poultry Farm, Elmore, Ohio, exhibited a pen in this class and won second place.

Ancona class was one of the big surprises of the show. It was the annual meeting of the International Ancona Club. Ancona alley enjoyed unusual attention. These beautiful fowls were admired by the vast throngs who stood before a long line of cages containing these mottled beauties. Four years ago there were only six Anconas on exhibition at this show. This year nearly 100 grand specimens made their appearance, demonstrating the remarkable popularity these birds are meeting with.

Sheppard's Famous Anconas were the most conspicuous among the prize winners. This great strain was originated by H. C. Sheppard, Berea, Ohio, who won seven first prizes, six second prizes and eight silver cups and twenty-four special club ribbons. The first cockerel was an unusually fine specimen, having excellent comb, dark wings and tail, yellow legs and grand shape, with perfect tail carriage. On the whole the class of Anconas was very strong and the winners had to travel fast to get a place. Among the other prominent exhibitors were H. E. Beebe, of Waterford, Conn.; the Minnehaha Poultry Farms, Bannock, Ohio; Frank C. Stier, Cleveland, Ohio; H. M. Bedford, of Strongsville, Ohio, and others.

The line of cups offered by the International Ancona Club reflected great credit to the organization and would be a credit to one of the older clubs.

In this class we also desire to mention the first pullet, which was the property of H. E. Beebe, Waterford, Conn. We are informed that Mr. Beebe has been dangerously ill for several weeks and that his wife, unknown to him, made this one entry in this class and the bird, after being shipped 500 miles, won first place and also silver cup for the best pullet in the class.

All of the ornamental varieties of poultry were well represented at the Cleveland show, also a large display of pigeons and pet stock including quite a number of Shetland ponies, and the exhibit of dogs contained many very valuable specimens and brought out the public in goodly numbers to see the dog show. The Cleveland show is certainly one of the big shows; it takes good quality to win a place here. We would suggest that you plan on exhibiting at the Cleveland show next year.

WHO'S WHO IN HENDOM

This month I am constrained to play the part of a villain, sneaking in on a man here and there and accomplishing his ruin, leaving when I depart and taking his good reputation with me. I have throttled many a breeder this month, looking into his in'ards for the stuff of which Who's Who is made. Few men measure up to the standard we have set for those who break into this department. Let me put it another way: Those whom I write of must be of sufficient caliber to please the powers or else they throw down my space stuff and call me in upon the carpet. It is simply a matter of bread and some smear to spread over it, with me. I make no bones of this. I am a poor man. Time was when I could go ahead showing and make an honest living by faking a little here and there, but now I have to hack out the daily dope and content myself with the irony of Fate—I suppose you thought I was going to say of the steel trust.

But let be, let be! Our souls are not our own. The Weaver plied his loom and we are warp and woof. Whether it is best to take what they hand you or retire into another room with a bird you have not had the time to fake at home and try it there amid the chances of almost certain detection, that is the question. The gods favor those who fake. They ought to. The fakers take the chances! They should be favored. Who dares say me nay?

But let's be off:

"You see," says Tom Quisenberry, resorting to his favorite line of argument, "you see, that is all there is to it. If you are in an automobile and the dum thing takes a notion to smash things up, there you are. But if you are in an airship and she turns turtle, pardon the nautical phrase, please, where are you? When you cut capers in your airship, the chances are that something is going to drop. When you prime yourself to perpetrate didoes in your auto you hit a big oak tree out to one side of the road and it stands perfectly solid while your head oozes against it like an egg that has been mislaid for some time when it hits the middle of a nigger's physiognomy. That is the proposition just as I see it, and stated plainly and in all fairness. What are you going to do about it?"

Now, whether Tom subscribes to all this piffle that is said and told of him, we cannot say. But whether he stands under or out from under the above make no difference with what we started to tell: That big story of how he is working to educate the poultry keepers down there in Missouri, that chicken state where the hens roost on the fence-pickets all over town and the eggs they lay are shipped to all corners of this Mud Ball. Just how Tom chose Missouri as being the state of his life endeavors is more than we can tell and something about which you do not care a tinker's —, anyway. He is there, the time is now and he knows it. He is holding institutes up and down the state all winter long and would turn them into Poultry Chautauquas in the summer if he thought people would still think him sane.

Just the same as Coburn is out there in Kansas to advertise its agricultural resources, so is Tom in Missouri to advertise its poultry. When that story came out some time ago about the crowned heads of Europe ordering milk-fed chickens for their imperial tables and that said chickens were being sent over the Big Wet from Kansas, then Tom he takes a big look around and digs out a fact or two for himself. He discovered that some of those chickens, feathers and all, pure-bred and scrub, were raised right there in Missouri, and then he goes and tells it. You see, he hoped to turn that business to the state of Missouri. Great head, that one of Tom's.

This spring they are going to have a special agricultural train shot through a certain part of the country and Tom is going along to represent the chicken end of things. When the big guns of the horticultural board, the agricultural



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board and the dairy board all get too much steam up and are liable to explode with their own self-importance, then Tom will take the platform and cool things down, showing the audience how the helpful hen is the devourer of insects that would ruin the fruit crop, how she fertilizes the spacious agricultural lands and turns the waste grain into profit, how she converts skim milk into table fowls for the nobility, in short, how the state would go to the demnition bow-wows indeed if it were not for her.

And then to show the boys in the fancy that he has not gone entirely daft on things practical, he gets up a state show every winter that makes the big ones of the past look like fly-specks on

the Sands of Time. Take that any way you like to. And it is not merely a state event. They come to the show in ox-carts, autos, flying machines, dirigibles, box cars and Pullmans. What we need are a lot more Toms like this Tom. May his shadow increase in diameter (but he works too hard for that) and his health be the health of a Trojan!

Illinois is no bum state when it comes to her chickens. Just take a look through the American if you are in doubt about the veracity of this assertion. Down there at Crete is located the farm that is causing so much talk in Black Langshan circles. It is named the Hewes Farm. Time was, and not long since, when the Langshans were the talked-of fowls all over the country, but they sort of lost their grip and now are somewhat getting into their own again. Black Langshans are good fowls. They are mighty hardy and full of vigor and a pen of good pullets was never known to go through the winter without shelling out eggs to beat the band. The popularity of a black fowl is in the ascendant here in America at the present time. We see more good Black Wyandottes than ever, more Black Orpingtons, better Langshans and Minorcas. In the old country there is a fancier, one might say, on every crossroads who is trying to originate a new colored fowl, and it seems to us that this is a great deal in the life of a fancy. Not many seasons ago we used to see the advertising of a man out there in Kansas who bred Buff Langshans and parties who saw them told us they were good. I do not know what more handsome buff fowls could be imagined than handsome Buff Langshans. They have their blue-colored Langshans in England, too, and these would be a pretty addition to the American fancy. But the idea is that more and better Langshans would be a great addition to the fancy in this country.

Those Blacks that Hewes Farm showed at the last Chicago show were simply great. This farm has certainly built up a great reputation on males of the breed. Such successes take much work and they are not accomplished in a day. For instance, think of the time that those Illinois breeders of Golden Wyandottes have put into their superb flocks. No better Golden Goldens grow than those the sun shines on in Illinois.

Now one would naturally think that Pekin, Ill., was the home of the Pekin duck—but it isn't. Let's take a peek in and find what the chief industry is down there: First, I glance over the recent Chicago show record and note that Pekin supplied a great commotion in the White Leghorn aisles. Yes, that's it. They breed White Leghorns down there fit to lay eggs for the uncrowned kings of America. That is the chief work of Pekinites. Of course, the main guy is a fellow by the name of Easling, who sends out more good birds than the other fellow imagines he could. He breeds them in great numbers. Though he advertises that White Leghorns lay while others sleep, it is a cinch that he works while the other fellow sleeps. After all, that is what it takes to make a go of anything. Keeping on the jump day and night draws the business. All the world loves a worker. Get your toe-hold and then the procession wants to give you a boost.

Then take a look at the trade that man Bickerdike has

worked up! He is one of the men who believe in pedigree, and while the rank and file has not as yet taken it up they will come to it sooner or later. There is a lot of breeding truth in pedigree. Good birds are not accidents. They may be sometimes in a good many yards, but where good birds are bred year after year there is something in the pedigree.



MO. QUEEN.

First S. C. Brown Leghorn pullet, Missouri State, December, 1908. Bred and owned by Tom H. Wood, Fayette, Mo., R. 4.

Cattle men know it, sheep men know it and horse men understand it. Do you think a horseman would buy a brood mare without her pedigree? Well, I guess not. If the man he was buying from could not produce the pedigree and have it straight, nuttings didding. When more fanciers like Bickerdike get into the game we will be that much better off. He knows what he is doing and every move in his breeding operations has a reason for its being done. Some class to that. Some sense, too. Nothing in the line of guesswork suits him. If he is in doubt he cuts the head off the bird. Let any other



S. C. BLACK MINORCA.

First cockerel Cambridge, N. Y., September, 1908; first cock at Troy, N. Y., 1909; Cambridge, September, 1909; Schenectady, December, 1909, and Grand Rapids, Mich., January, 1910. Owned by F. C. Wing, Wayland, Mich.

man go into the breeding of good fowls and do as Bickerdike is doing and he will succeed just the same as Bickerdike is succeeding. Have we made the point plain? There are breeders all over the country in need of new blood for their flocks and they are going to the breeders who are giving some brains to their work of mating and breeding. We have been

watching this idea and know that it is growing. Bickerdike your flock and get to the top. It is just as important to know where the poor ones come from as the good ones.

The other morning we received a query from down in the jungles somewhere which has caused a lot of amusement in the office. In fact a good many of the boys who drop in on us have thought it the best thing they ever heard. Our inquiring friend wants to know who in thunder is Tom McGrew?

Now, what do you know about that?

Who is Tom?

Let me tell you:

Firstly, Tom is some eggs. He is right now finishing up a series of educational lessons along poultry lines which will soon be issued by the International Correspondence Schools. Tom is the American Poultry Association official orator. He has held the record for having more words of his wisdom on hen things caught by the stenographer than any other live man in captivity. If there is a contender for the honors, other than Tom, I do not know what section of the



timber to scare him out of. Can you tell me of a man who can beat this:

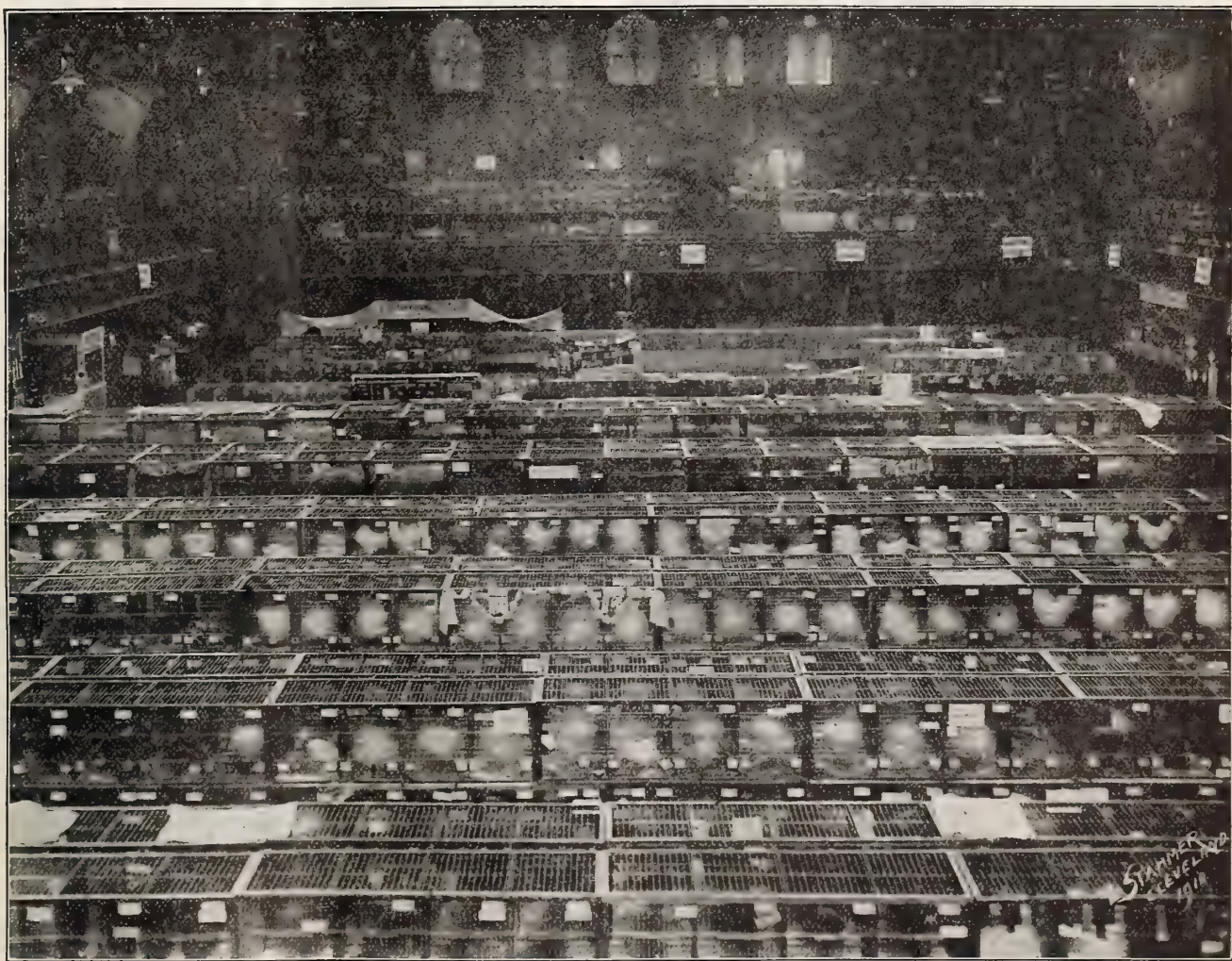
"In my short time as a poultryman I have never found anything I loved more than I despised something else. The things which are despicable I abhor. (Audience holds its breath.) We all used to like something better than what we once esteemed, but here this evening, while the drawn curtain of night shuts out that golden orb of day, we are gathered to show how we assemble when we meet. (Much applause. A good heat.) Time changes a number of things wonderfully. I have never experienced so much of a change in anything as I have in my appetite since I sat myself at these bounteous boards. I cannot say, with Socrates, that repugnance of anything is far greater now than detestation of something not liked hitherto if one abjures things previously disdained or abominated subsequently. My subject is one of inexplicable inexplicableness. I shall not go on intricately, and show you how it bewilders and confuses, embarrasses and entangles. You understand that for yourself, so I will yield the floor to some speaker greater gifted with the eloquence of soft and flowing language, a man, perhaps, who can unravel the mysteries that enshroud the subject which seems to have made itself scarce in these regions." (Great and greater applause.)

Who's Tom McGrew? That's Tom!

For any westerner to go down east and act the way W. S. Templeton did in the Cornish Indian alley at the last New York show is a capital offense. Just when all the breeders down in the stony country will get together and decide on the day of decapitation for Templeton remains to be heard of. And the best part of his victory at the Garden is that it is not one of the mushroom sort. He has been winning at the biggest shows all over this country, and then to go down there the way he did last month or so is simply clinching the awards which he has been gaining all over the land. Templeton is a quiet sort of man, young, enthusiastic, the latter sticking right out of his eyes. He wrote us some time ago that he would like to find a country where the springs were ideal of weather and early, where the falls were long and dry and where the winters made one feel their oats, yet were not so severe that one had to carry his roosters to the cellar every other night. Well, who don't want to find that chicken country. We would all move down

pedestal, alone in a field of glory. Whenever a man of MEANS comes down the aisle where he shows his birds said man of MEANS leaves some of the dirty lucre in the wallet-oski of said Templeton, telling him to forward, as the case may be, some fowls or eggs "out to my country place." There's some class to actions like those of Templeton's as he folds away those big, fat numerals on the one side and the Romans on the other, both being on clean little greenbacks that are not so little after all. Dirty lucre and nice, clean greenbacks—catch that paradox? Well, it's true and we are glad to note that Templeton is making the most of it. It makes no difference whether it is dirty or clean to Templeton—he can use it to find that ideal land for chicken maneuvers and showing more birds down at the Garden.

One chicken man whose name we cannot now recall breaks into this department this month solely because he is such a patient fellow. I'll bet a 2-cent stamp against a bob-tailed



PARTIAL VIEW OF THE 1910 CLEVELAND SHOW

there if we had to walk and cart the fowls on a wheel-bar-row; eh? I would.

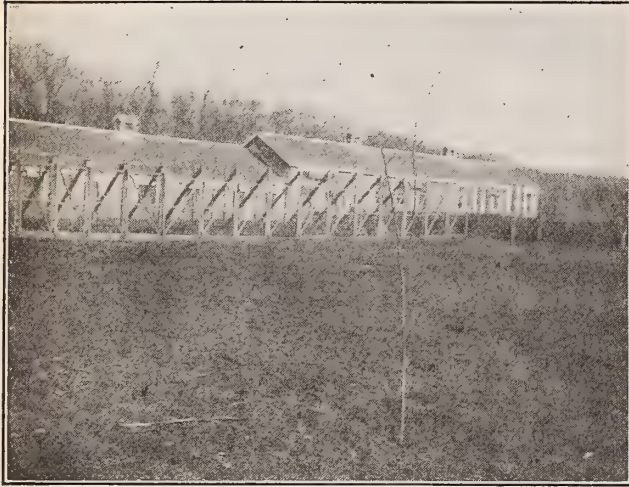
Say, stop frittering away your time one moment, and imagine such a country. As the Source of Life comes rolling out of its bed a-mornings all the hen men would be on their knees worshipping it. Sun worshipers, they call 'em out in Kipling's India. The laws would all be made by chicken men. There would be all the faking one might care to go to the trouble of doing with his mutts, the laws would hang chicken thieves, to say nothing of what the hen men would do to them with Mausers and Haenel-Mannlichers, Remingtons and all the other means of destruction, the governor would be elected by open ballot and thus Fred Kimmey would not be the only fellow who knew who voted for who, cabbages would grow on fence-pickets and champagne would run from the foot of the hill out. Don't stop me; it is all so ideal.

But to get back to Templeton's records at New York, we might say that he would be the last man, it would seem, to need the assistance of such a country. There he sits on his

heifer that his wife stands on the back stoop all day telling her neighbors what a beautiful husband he is and how patient with her when anything goes wrong about the house. This fellow wins his way before you solely because he gives us a great bit of advice. He sprouts oats for his chickens, but when he cannot get oats he sprouts barley instead. Now any kind of sprouting is good. I well remember the sprouted things mother used to give me when I was the meanest boy who played in our alley. In sprouting barley this man says that one must stir it till it sprouts or it will ferment.

To the Lean One this is information. He never sprouted anything, not even his setter pup for sucking eggs. But think how patient that man must be who sits himself down and stirs the barley till it sprouts. As a further matter of information I might say that barley sprouts in about ten days. Now what would you do, reader, while stirring the barley these ten days? Read Heck's essays on how to fake or dig down into J. H. R.'s editorials on how to punish those who corrupt our morals? Or would you take a hammer

and saw into the sprouting department of your little hen farm and make fireless brooders the while? This is a serious question and one you should decide before going further along the poultry way. Imagine, if your imagining apparatus is going good, what would become of you if you were suddenly plunged into the sprouting work with nothing to do but sit there and stir the barley to keep it from ferment-



Brooder House on Waterview Poultry Yards, H. J. Dietz, Prop., Hempstead, L. I., N. Y.

ing. It's something awful! You could not leave that little three quarts of barley for fear that it would ferment. If you went across the street to Dick's place to play a game of pool the gases from the fermentation might become so great that the sprouting box would explode and then where, O, where would little Willie's chicken plant be?



SECOND PRIZE COCKEREL
AT MADISON SQUARE 1910
J. H. JACKSON, HUDSON, MASS.

Let me suggest something to while the time away between stirrings:

Get a last copy of the proceedings of the A. P. A. Send down to Mac's and have him rush up a couple of ponies. Take the bed from your regular sleeping room and move it to the sprouting department, too. Get an alarm clock. It is essential to wake up every fifteen minutes and stir the barley. Take your Standard with you, for if the thing should explode you'll need some sort of a guide in the Other

Regions. Tie it to your neck with a locket chain. If you get to the place where the fakers never return from, you'll need it bad. Now you are ready to sprout barley. Blessings on your curly head, my child, and peace be with you.

Now, what do you think of that Sam Noftzger?

There's a man with an idea who is working it out and doing well with it. Who other than he would have the nerve to get out by himself with a breed that is not yet accepted into the fellowship of the erstwhile Standard and blow their horn and swing the thing all alone? It takes some sand to do that. It recalls the time we had before the Partridge Wyandottes were admitted. One or two stood out in the open and fought the fight alone. This Indian—I mean Indianian—yet he is one of the best Indians, loves birds of the beautiful partridge color. He fondles them and dreams over them, loves them with all the ardor that any fancier every put into his work. This is why one catches the esprit de partridge when he gets a few of his well chosen words into their ears.



"CHAMPION INTRUDER'S SON."

"Champion Intruder's Son" heads one of Mr. Bright's cockerel breeding yards. This bird is one of the best exponents of the clean, sharp barring for which the "Intruders" have become famous. In the last four years two "Intruders" have won the male color special at the Madison Square Garden, New York, shows. When we consider color qualifications at New York, it requires to win a bird of clean, even barring and color, surface and under, perfect colored legs, beak and eyes. Meet this and you have a bird most worthy of every honor.—H. P. Schwab.

Noftzger is not one of the average chicken men. If he was we would not be writing about him in this department. We are after unusual material and get it from time to time as the money holds out for our travels. Were this fancier and his birds of the average type they would not be so catching. It seems popular right now to breed Partridge Plymouth Rocks. It is good business. Here is a man who is creating a demand for something which he is not at all able to supply in the quantity that he would like to. He believes in quality birds and as many of them as he can breed. His matings are selected with the greatest care, as he knows that a new breed must be one that will breed true and sound in order for it to make friends.

Take that last exhibit that Mr. Noftzger made at Chicago, for example, and analyze what it means to the future of this meritorious breed, or subdivision of a breed. This breeder has been working for hardihood, for size and laying

qualities as well as that superb color which his fowls displayed at their big showings this season. This labor was not done in a day, or a month or even a year, long as a year may seem. Time flies to the man who works. Patience is a great trait when the intermediate time is filled in with loving labor. Mr. Noftzger has been busy. Breeders are taking up the Partridge Rocks, for they see a brilliant future in store for them as well as for the other handsome Rocks and Wyandottes which have been created by skilled hands and minds of late.

In the language of the street, Partridges are a good buy. Get good ones. This is to say, get preferred stock, the kind the other fellow wants and yet has not become skilled enough to breed, Noftzger Partridges. They are right. They will make solid foundations. Bank on this I am telling you: In the near years, they will be "doing," will be the Partridges and you ought to be "in" on them. We are going to breed them ourselves and we know of dozens of other fanciers who will take them up, for they see which way the wind shifts. Half of the great breeding successes have been made by men



"CHAMPION INTRUDER."

First prize cock, shape special winner and champion Barred Plymouth Rock male at New York, 1909. He is one of the best of an illustrious line of New York winners. His great-grand sire was the fourth prize cockerel at Chicago. His grandsire was at the head of first prize pen at New York. This bird sired the first prize cock at New York, 1907. The same bird was second at New York the year following when three years old. One of "Champion Intruder's" brothers was the fourth prize and color special cockerel at New York, 1907. Another was fourth prize cockerel at New York, 1908. The fourth prize cockerel at New York, 1909, was also this line, as was the first prize pen male at New York, December, 1907. The "Intruders" are particularly noteworthy for their very narrow, sharp bars, strong under-barring and clean, bright surface color.—H. P. Schwab.

who were wise enough to note the temperature of the fancy at the right time. There are psychological moments in poultry culture as well as in other lines of man's labor, and the time to get into a good variety and one that will be a fancy in itself before long, is NOW. Never will there be a more brilliant Rock offered to the fancy than the Partridge Rock. It is beautiful in its staidness, reminding one of the Scotch plaids his forefathers wore as they watched their flocks; it is as resplendent as the most gorgeous painting which shimmers under the favoring lights, and though it will be a task to produce the superb specimens which must come to the top in the annual weeding at the largest shows, what true fancier will retreat from the task?

MATING BUFF PLYMOUTH ROCKS

More Attention Should be Given to Shape in the Selection of Specimens for the Breeding Pens—General Rules to Follow in Mating for Buff Color

Written for American Poultry Journal by J. J. Bleakley, Abilene, Kansas

DURING the past few years I have made a great many local and national shows. At these shows I meet fancier after fancier who is always looking for more light, for information on mating his Buff Plymouth Rocks. I have been breeding this most beautiful and profit-



S. C. BROWN LEGHORNS.

Highest scoring pair of birds at the Erie, Pa., show. Cockerel scored 95, pullet 95½, by McClave. Bred and owned by Frank Schellang, R. F. D. 2, Erie, Pa.

able variety of fowls for a long term of years. In fact, I believe today I stand as one of the oldest breeders in America. We all have a great many things to learn, and yet, after years of careful record keeping, experimenting, etc., I have found during the past four or five years that a clear,



WHITE ORPINGTON.

First pullet Toledo, 1909; first at Elmore, 1910, and part of second pen at Cleveland, 1910. Bred by Portage Poultry Yards, Elmore, Ohio.

golden buff on the hackle, back, saddle and wing bows with a solid tail and wing and with good fresh color, free from shaffing, is, after all, a possibility. Although many of us are able to produce a good many such specimens each year,

yet we still get many with the wing bows of a shade darker than hackle or back and with a brownish tint to the tail plumage and oft times a little pepper can be found in the main tail if it is handled. In these two color sections we still have much work in order that we can produce a larger percentage of solid color birds.

There has been so much real good advice given in most



Brooder House and Laying Sheds on Waterview Poultry Yards, Hempstead, L. I., N. Y.

every journal on "buff color" mating that I do not deem it as necessary that I say much along this line other than to urge that careful selection and restriction be used in mating your birds as to color. As the even, solid-colored bird is a possibility and the nearer we all get to it the more beautiful and profitable will be the grand old Buff Rock. It is the shape of your birds to which I wish to draw your attention. Too many breeders have gone color crazy and have ignored the shape on their birds till today they have lost that long, slanting back on both the male and female, and especially have they lost that low-carried, well-spread, fan-like tail.

Another weak feature on most Buff Rocks of today is the funnel-shaped underline. This is due to too short a body to start with and the improper depth and development of the breast and body of fluff.

In selecting the females for my pens, I look up the females of a certain line of breeding that are, according to their



First prize Buff Rock hen at St. Louis, December 6-11, 1909. Bred and owned by W. J. H. Goetz, 1150 Cadillac avenue, Detroit, Mich.

breeding or blood lines, fit specimens to mate to a certain male bird which I have already selected. These females I go over and cull down till I only have left vigorous, well-matured birds, that are in the very best of condition. These females must all be long-bodied, extra broad across the shoulders, and must carry to a certain extent that same

breadth to the base of the tail. The general back line must be almost flat, rising just slightly from the junction of the neck and shoulders to the tail. The general slant of the tail should rise just a trifle faster than the general back line which will give the tail the low carriage effect. By all means try and select the specimens that carry their tail well-spread so that the stern view is a V shaped upside down. Select only the females with the oblong effect on the underline. By underline I mean the lower outline mark of the specimen from the keel of the breast through between the thighs to the junction where the body and fluff take a turn upward. Each and every bird should stand well upon a clean pair of sturdy legs. These legs should be supported by medium large, firm feet and toes. Another important matter is the head, wattles, ear lobes and comb. Never use a bird that is too long through the head, too long and narrow a beak or that is too coarse looking about the wattles and throat. Small, neat and thin wattles are much more desirable. The comb of the female should be heavy and thick enough at the base to give it strength and firmness. It should be low and very evenly serrated. Each serration should have enough thickness and strength to give it a lasting and firm appearance. The rear of the comb should be perfectly formed and should not extend beyond the rear of the skull to any great degree.

In selecting these specimens I always pay careful attention to the color of the eye. This is a section that is easily maintained once gotten, and if one is careful to not breed



S. C. WHITE LEGHORN.

First prize cockerel, Illinois State Show, Springfield, 1910, and first at Galesburg, Ill., 1910. Bred and owned by Robert D. Parmenter, Knoxville, Ill.

from a specimen with a light or fish-colored eye. Once this eye color is lost, it is hard to get back. After I have selected out all the females with the above requirements I again let the hatchet fall and reserve from these only the females that show evenness in color from the rear of the comb to the tip of the tail. Their plumage color must be as nearly as possible absolutely free from shafting. Never use a female whose surface color on neck and hackle is the slightest shade darker than the color of the back and wing bows. A very good general rule to follow in mating buff color is to select the surface color of the female to match the breast color of the male. It is to be understood to start with that the male, which is really one-half the pen, or even more, is as near a perfect specimen as possible. He must be a good general bird with no serious defects in any one section. As even in color as possible with a soft under color that is a trifle lighter than the surface. Beware of light in the neck under color of the male. If we breeders as a whole would pay more attention to shape in selecting our breeders, we would soon have the average Buff Plymouth Rocks of today the superior in shape of the other varieties of the Plymouth Rock family. If we accomplish this we will be increasing the utility value of the Buff Plymouth Rock fully one-half. We will have more hardy birds, greater fertility, will have less mortality in little chicks, while the market value and the egg-laying qualities of the birds will be even more wonderful than they are today.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to Plummer McCullough, Mercer, Pa., and the second prize to Mrs. J. Bridges, Idlewood, N. J.

MAKING A START.

MANY a beginner will make his initial bow to the poultry business this spring. It is really hard for anyone to give the beginner any good advice, as conditions and locations vary so. A great many writers are telling would-be poultrymen to start now. They are saying, "There is no better time or no better place for you to start than right where you are." I don't quite agree with this well-meaning class of writers, for I feel that in some cases they may be quite wrong. It is true that if you are situated so you can do so at all it is best to make a start as soon as you possibly can, as you can be learning a great deal by experience that you would not know if you wait for another year. But there are several other things for the beginner to consider before making a start. Are you so situated that you have the necessary time to care for your fowls that you should have. Remember that fowls must have care, and the more attention and care that you give them the better results you may expect. So, dear reader, if you can't take time to properly care for your fowls you had better not attempt to keep any, for I always thought that if it was worth while to keep poultry at all it was worth while to keep them right.

Then if you have no place to keep your fowls comfortable you had better not try to keep any at all. You may be on a rented property where there are no buildings suitable for poultry and the owner of the property does not care to put you up a building for your poultry. We have known of such cases and unless you can make some arrangements so as to have your poultry carefully kept and properly cared for I can't say that now is the time for you to start. But on the other hand, if you are at home in the evenings and mornings from your regular work, or can have your good wife care for your small flock when you are absent and want to start in a small way you can find no better time than right now, providing you have the necessary buildings; and right here I want to say that it will not be necessary for you to have an expensive poultry house, but that it is important for you to have the house warm, well ventilated and free from draughts. This is important. If you cannot give your little flock free range you should be able to provide a nice run for them, so when warm weather comes they will have abundance of green food. Now just which is the best way to start I am not able to say. You can start with eggs or stock, whichever suits your pocketbook. It is cheaper, as a rule, to start with eggs, but it takes longer to get under headway. Whichever way you start, buy the best you can possibly afford. The best is none too good. If you start with eggs I would advise you to pay \$5 for one setting rather than pay \$5 for 100, as I believe you would be far ahead in the end. If you buy stock don't buy the cheapest you can. I would advise you to pay \$25 for a pen of five birds rather than buy twenty-five birds at \$1 each. Whatever you do, don't buy a lot of sickly inbred birds, for if you do you will simply have to start all over again. Buy stock of good constitutional vigor—strong and healthy, with full breasts, legs set wide apart. The kind

that are always ready to hustle for a living. Your male bird does not want to be a lazy, droopy fellow, but a real lively chap that is up and doing and ready for a scrap any time. (Though the latter should never be allowed.) You should be sure the stock you buy is strong in constitutional vigor, then be sure they are correctly bred. Correct breeding means much to the beginner. If your stock is correctly bred they will reproduce themselves or even do better, but if they are bred in a haphazard way you will always be in the old rut and not know how to get out. Be sure that the birds you buy are correctly bred and that their ancestors were strong and vigorous. Then look for good individual quality. These three things are essential for a good start and not one of these points should be overlooked. It is never wise to closely inbreed. I say don't do it unless you want to ruin the vitality of your flock. Inbreeding is dangerous. If you want meat and eggs you should get away from close inbreeding, such as mating brothers and sisters, etc. Inbreeding decreases size, and if carried on many years will knock the constitutional vigor out of your flock. Inbreeding may be all right for the show man to establish certain points, but even then I don't believe that too close inbreeding is a good thing. If it is, why don't breeders of draft horses, beef cattle and sheep inbreed? They know inbreeding is poison, and I am sure it has ruined many a flock of fowls.

Good market poultrymen don't inbreed, and if you care for meat and eggs in poultry like I do you won't inbreed, either. Another thing I want to say to the beginner is to go slow. Don't try to reach the top the first year. A good pen of fowls is enough for you to start with. We know of a young man that is going into the poultry business and he thinks he sees a "get-rich-quick" job. He is leaving a \$2-a-day job in an office with only seven and eight hours' work and is going to plunge into the poultry business without any knowledge of it whatever. I am confident that this fellow will make a failure of poultry. What he should do is to keep that \$2-a-day job and buy a pen or two of good birds to care for during his spare time. He can learn a great deal from these few fowls in a year and then if he wants to branch out in the business he will be better prepared to do so.

THE FEED QUESTION.

THIS seems one of the most important questions today in Hendom. Grain has gone up to such a high price that not a few of my neighbors are going out of the chicken business.

Well, I don't blame them if they were feeding as I did the first time I tried my hand at the business. My hens got the best I could buy on the market and they had it in abundance. One day they got dry mash, the next day they got it damp. Grain night and morning.

They were White Wyandottes—a beautiful white, too, for I kept them very clean. They were lovely to look at. But lazy? Well, I should say! They never scratched for a grain. In fact they were too high-toned to work for a living, and, of course, at that time, I knew no better. I got a few eggs and I was satisfied so far, because I thought, Well, they are young yet and all in good time.

You see, friends, I was far from wideawake. Alas for my beautiful, lazy, overfed birds. The cold, cold winter set in with its rain and snow, and worse still, the dreadful high winds which visit us here so frequently. There stood my lazy birds on one leg trying to keep warm instead of exercising as they should have done. The consequence was they all got colds. One morning I entered their pen to find the curtain I had put up soaking wet. (By the way, my husband had built the poultry house with an open front. I thought my poor birds would die in such a house, so put the curtain up.) My pet hen lay dead under the roost and half the hens were sneezing and tears running out of their eyes. Picture my dismay. I had heard the neighbors talk of roup, but had never seen it. I made up my mind they had it.

It did not take me very long to pull down that curtain and

lift up my poor dead pet. How heavy she was! I brought her out, got a knife, opened her and found her so fat I wondered how she ever walked. I buried her under an old oak tree. With a sad heart I went into the house. What was I to do? My eyes rested on a pile of books on the table, among which were a few numbers of American Poultry



S. C. Rhode Island cockerel, winner of third prize, Madison Square Garden, 1909-10. Sired by third cockerel Utica, 1908. Owned and bred by Dr. M. Lee Smith, Watertown, N. Y.

Journal. Well, friends, those few copies opened my eyes. I read and read, and this is one of the things I found out: That here I was spoiling a nice pen of birds from overfeeding, making them lazy and good for nothing. First thing I did was to order a bale of cut straw. When it arrived I spread it all over the floor of the house to about three inches deep, put a little grain in it, took away the mash for a day or two until I got the birds to work for their living. I gave them plenty of water with a little potassium permanganate in it, grit and oyster shell. I did not let them out any more that winter, except for one or two hours in the middle of the day if it was fine. Sometimes I would pile the straw in the middle of the pen, just to see them pull it down. How they enjoy it! You should hear them chattering like a lot of Magpies. After that I did not work so hard stuffing them. I let them do the work. Lay? I should say, and I sold the eggs and as far as I knew they were much happier, and for that matter so was I. That is three years ago. Since then I sold off all my white birds. Now I keep Barred Plymouth Rocks, also Rhode Island Reds. They can stand the cold winters better. My husband has built all the poultry houses with open fronts. No curtains went up this winter. Up to the present not a bird has a frosted comb and not a sick bird did we have this winter. Last year we used both incubators and hens. We got the best results from the incubators. The chicks were raised in small boxes somewhat after the Philo system. We put from thirty to fifty in a box and as they grew bigger we gave them more room, moving them to fresh ground once every week. They were given a mash made up of bran, middlings, cornmeal, alfalfa, meat meal and fine oyster shell. All the grain was raked into the ground so they had to scratch to get it, and plenty of clean water. Once in a while I would give them some lettuce. They loved that. About once a week I would give them no mash for a day and found it a good plan. They grew like weeds. I had very little loss and I sold all the cockerels at a good price, and at present have a nice lot of pullets.

I hear the neighbors complain about their Plymouth Rocks getting too fat and "Oh, so lazy!" A few are selling off and buying lighter stock. But so far I am satisfied. I may be slow, in that I have not near so many hens, but I notice

I have on an average more eggs from my little flock. When I remark sometimes to a neighbor that I think it is a good thing to read up some of the papers that are published nowadays I am sorry to say I find there are a good many like Mr. Cantsuit who is mentioned in one of your papers. Let me say for my part I would not be without them. They taught me many a lesson in the past year.

To sum up: I find I get best results from my laying stock by keeping them in open houses with plenty of clean cut straw for litter. (At first I used leaves, but found them very dusty.) I feed all grain in this litter. Wheat and oats, principally—very little cracked corn. This is fed in the morning and evening; about four quarts a day to fifty hens. They have a dry mash before them all the time in feeders. It is a mixture of two parts middlings, two parts crushed oats, one part wheat bran, a small portion of beef scrap, about a pint to a peck of above mixture, three parts alfalfa and one part fine oyster shell. They get plenty of fresh water. The dropping boards are cleaned off every day and a little fresh sand put on.

If the day is warm and the ground is pretty dry, with the sun shining, they get out for a couple of hours. I throw a bucket of wood ashes once in a while in the yards. They like to scratch in it. I cull my stock very close, as I find drones don't pay. The Potter system has been a good help to me in this part of the work.

I find after my chicks are six weeks old I can give them all they can eat up to maturity without doing them any harm, once in a while letting them go without feed for a day. I also give a wet mash now and then. We find we can get splendid hatches from our machines. We bought the best. We thought for our money we used common sense. The eggs were fresh, from strong birds and we were careful to feed what we thought would insure fertility. We try to make our birds happy. We do not allow them to be frightened if we can help it. In cold weather their drinking water is made blood warm and they get plenty of cut straw to play in. That's the secret, my friends; in getting plenty of eggs don't



run into the pens and throw the feed down and run out again. Stop long enough to say good morning and talk a bit—they like you to be friendly. Hens are every bit as fussy as we women, and every bit as fond of being made a fuss over. Please bear this in mind. Perhaps some day, if you will let me call again, I will tell you some funny hen stories. Idlewood, N. J. (Mrs.) J. Bridges.

SELECTING AND MATING BREEDING STOCK

Select Females Along the Lines Described in the Standard—The Selection of the Male of Great Importance—Poor Fertility Caused by Improper Ventilation

Written by Harry M. Lamon, Special Representative A. P. J., Adams Center, N. Y.

THE success or failure of your breeding operations for the coming season, and, I might add, for several seasons to come, if you are to line breed, depends upon the constitutional vigor of the breeding stock. Your birds have got to have a good, strong constitution as a foundation to start with in selecting the specimens to go into the breeding pen. Assuming the health of your flock is of the best, select the females along the lines described in the Standard of Perfection, and if you don't happen to own one, get one at once, as you can't breed high-class poultry without it. See that they match in shape, that they are about of the same height, same length of leg and back, eyes all match in color and combs of the same size and shape. See if they stand well apart on their legs. The weak-constitutional sort are the ones that stand as though their legs came out of the same hole in their body. Any of the females that you have selected to breed from that have had bad cases of colds, throw out; they will only breed disappointment. Now see about the color. How does it match? Are the different birds of the same shade? If not, start over again until you can get the number you desire, so they match perfectly in all sections. Don't be afraid that the number of females in your different breeding pens will be too small. Better have three or four, or even one, that are exactly right than a lot of different types and colors.

I think I am absolutely safe in saying that a large percentage of the winners at New York, Boston and Chicago are bred from pens composed of not more than six females. Be slow in making your decision or passing final judgment on a bird as to whether she shall enter the pen or remain a member. Put the ones you have picked by themselves for a few days and watch them. See if they all carry their tails at the same angle. See if they are alike in temperament, never forgetting the fact that it takes good mothers to produce good sons. Never hesitate to take a good hen out of a pen that is quarrelsome. Better mate her by herself if you breed her at all.

The male is one-half the pen, and in choosing him be sure that he is strong in the sections where the females are defi-



First prize White P. Rock cock at Detroit, January, 1910. Bred and owned by W. J. H. Goetz, 1150 Cadillac avenue, Detroit, Mich.

cient, and if you haven't such a male send to some good breeder and get one. There is plenty of time to breed winners yet. Many of the finest are produced in June. In selecting females that are alike in all sections it is very evident to anyone that the selection of a male is made much

easier and your results are far surer than if the females were of different types and colors. For instance, if you breed a single male and female of a certain type and color your chances of reproducing them are as good as it is possible for us to have in breeding fowls. Add four or five more females of the same kind and you have increased your



Second Buff Wyandotte pullet at the late Chicago show. Bred and owned by Simon Beuth, German Valley, Ill.

chances just four or five times as much. If the females have no resemblance to one another the result will be a very uneven flock of youngsters in all sections. What every breeder must do before he can receive any great recognition as a poultryman is to establish a strain, and my advice is to write down a detailed description of the members of your different breeding pens so as to know beyond a doubt in a few years to come which sections were weak and which were good. By following this plan, in a short time, you can mate the breeding pens with a certain degree of certainty as to what the young stock will be. The cock bird should be a bundle of vigor and energy. If a cockerel he must be fully matured. Don't waste your time breeding immature stock. A good guide to go by in judging something of the vigor of a male is his crow. It should be loud and strong.

After putting the pen together and by themselves you must not think your work is over, for it has just begun. It resolves itself to one of condition now. Be sure that they are not crowded for floor space; keep their quarters dry, and above all, keep them busy if you want eggs strong in fertility. Fowls that are kept busy seldom get overfat, and overfat birds never produce eggs with good healthy germs. Use the best of grains and give a feed of something green once a day—at noon is a good time.

Such a male as I have mentioned will bear close watching, as he is apt to be so gallant that he does not eat enough to keep up his strength and vitality. It will pay to look after him carefully for a few nights at first to see if his crop is full. If not, you will have to feed him by himself. A little raw meat to such a male is a great benefit. In fact, it is good for all the members of the pen. Plenty of fresh air and sunshine is another requisite to the successful production of a good crop of thrifty youngsters. If your poultry house is of the closed front, warm kind, better take the windows out and tack some cotton cloth on the frames and try the open-front, cold-air kind. Take my word for it, you won't be disappointed in the results. A large per cent of poor fertility can be charged up to bad air caused by too close and too warm houses.

If after looking your flock over and selecting the best you are not satisfied, don't waste a whole season's work on them, but send and get a setting or two of eggs from some well-known breeder and start right.

EDITORIAL

WE LEAD
OTHERS FOLLOW

62,000 A. P. J.'s for March, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the **American Poultry Journal** has contracted for printing and binding sixty-two thousand copies of the March, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 19th day of February, 1910.
[Seal.] Harry E. Wright,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the **American Poultry Journal**, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the **American Poultry Journal**, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

The Season Just Past

The show season of 1909-10 is over. It has gone, leaving behind it foot prints or, rather, lessons that it will be well for us to briefly note at this time.

This season has been an unusually successful one from every view point; more shows were held than ever before, the entries were far more numerous, and in every case that we have heard of the attendance has been doubled.

At this time we do not know the exact number of shows held, but that they are in excess of those of all former years you will agree. Each state and nearly every county has had its exhibit. They have come to be an event eagerly looked for. Proper organization has placed the poultry associations on a sound basis, managed by sound men, that make them a feature in most localities. We find them today not only run on high business principles, but by business men and women.

The great increase noted in entries clearly demonstrates several facts, some of which we wish to call special attention to in this: That the old guard is still in line, for once a fancier always one; that each year, and this one in particular, brings out hundreds and thousands of new exhibitors—those that are either new to the business or those that have bred chickens and have discarded the mongrel for the standard bred and taken place in line. In this respect the one feature that impresses us most is the great number of young exhibitors seen this year. More school boys and girls, whose parents have wisely made poultry keeping possible for them and have interested themselves enough in poultry and the welfare of their youngsters to see in this the possible teachings, with increased love for nature, which is positive to impress its lessons upon the young and insure better men and women.

The hold the poultry business has on the general public is well shown by the remarkable attendance seen at the

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Look at the date upon your wrapper. Many subscribers write to ask when their subscription expires and many complain because we discontinue sending the **JOURNAL** at the expiration of time for which it is paid. The date when your subscription expires is found on the wrapper each month.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

Advertising rates are sent upon request.

shows this season. At New York the great garden was filled all the week as never before and made possible the most successful exhibit ever held. Philadelphia, with the exhibit in the largest hall ever had there, was blocked to the doors several times and extra doors were opened for exit only. Buffalo, up to Thursday, had passed all former records in attendance and still had two of the best days left. The same stories come from Cleveland, St. Louis, Chicago and, I believe, from every show held.

For the poultryman the future holds the brightest prospects. Exhibition and breeding birds were never before in such demand as now. When general poultry and its products have brought the highest prices year round and with the demand not over two-thirds supplied, then it is very evident that there is room for all in this line with profit assured. The story we write today can be repeated a year hence. The same conditions that now confront the poultryman will also confront him a year from now, the ever increasing demand is far greater than the increased supply, and try as we will we simply can't cheapen the value of poultry products.

H. P. SCHWAB.

Are We Far Wrong?

We picked up an advertisement the other day that declared that the world loves a winner. Well, there is something in it. We like to see the fellow who has put all his eggs in one basket and then watches that basket. It takes a lot of nerve to make a winner. One has to stay with the game a long time to win. And it is our knowledge that it takes time and money to make a winner which makes us appreciate one. The poultry business is not one in which a few of us get rich quick and all get rich in time, but is one in which our money is turned over more quickly than in any other line if we give the business the attention that it deserves.

Yes, we do like to associate with the winners, with the men who have kept at the front of the firing line so long that we look at them with reverence. We may think they are unscarred. But they are not. They have been hit by many a bullet and have always made each wound a lesson by which they gauged their subsequent actions. When they have lost at one method of procedure, they have changed tactics at once and tried to turn defeat into victory. Success, said one man whom we cannot recall, is pretending you do not know when you are beaten. There is a lot in it. Front is everything. Yet there must be something behind the front. There must be intensity of purpose that makes those with whom we do business know that we are doing our very best and trying to increase our value to those who see fit to place business with us.

Never was there a business man who made a success of getting so high and mighty that he might not be touched with a pole, as the fable hath it. We cannot be aloof from the men we do business with. They know what attitude we assume, though they are not watched by us. We must help our customers by giving them of the knowledge we have gained at first hand. There is a lot of good business turning away from the men who could use it to advantage because they have not come down on the ground to secure it. There are a lot of orders going every year to the men who can write the most convincing letters and which letters have a lot of information in them. Get in line, Mr. Man.

Going Them One Better

There's the man behind the counter, the man behind the gun; the man behind the buzz saw and the man behind the son; the man behind the times and the man behind his rents; the man behind the plowshare and the man behind the fence; the man behind the whistle

and the man behind the cars; the man behind the kodak and the man behind the bars; the man behind his whisks and the man behind his fists; nearly everything behind has been entered in the list. But they've skipped another fellow of whom nothing has been said—the fellow who is even or, perchance, a bit ahead. Who always pays for what he gets, whose bills are always signed—he's a blamed sight more important than the man who is behind! In this business game of hen-men, a business of many parts, much detail and sometimes buffets, let us not forget the art of paying for all we get and saving a little more, for that journey in the wagon to the balmy Other Shore. To be behind the hen, for some folks, is quite enough, but the man who is ahead of them's the man who has the stuff.

How an Idea Grows

Certain poultry centers have become poultry centers because of the original poultry influence in that community. We know of three different towns in the middle West where there is a great deal of pure bred poultry rearing going on all the time. Ten years ago a man began to make incubators out there in Nebraska. He hauled one machine all over the landscape in a wagon for the simple reason that he wanted to prove to folks that a machine would hatch eggs and do it well, even if it was moved about while it was in operation. His incubator establishment grew from a tiny factory to one of the largest commercial enterprises in the state and now that town is pointed to with pride, as the paragrapher hath it, by all the state's residents.

Clay Center, Nebraska, is a poultry town. The making of incubators out there has brought attention to pure bred poultry. Once we took a trip

through that county and saw ninety per cent of the farmers' wives raising pure bred fowls. Farm after farm was passed where there was nothing on the place but pure bred Leghorns, Rocks and Reds, Wyandottes, Brahmas and Cochins. Mr. Johnson began preaching pure bred fowls as soon as he began making incubators and the result is what one sees on a trip that would pay one to make.

Around Freeport, Illinois, there are likewise thousands of flocks of pure blooded fowls. It has been said in our hearing time and again that there were more pure bred fowls to the square inch about Freeport than any other chicken town on the map. We shall not attempt to prove or disprove it. The fact is that one can find about any variety under the sun down there around Freeport. Years ago there was started a big poultry farm at this point and it has been the father of the better poultry idea in those parts.

The chicken business, as the farm writers call it, is growing. It is getting so big that all the farm journals in the land are giving good departments over to it from issue to issue. It has ceased to be small potatoes and few in a hill. The era of business methods has struck it and now we are going to see more advancement than ever.

English Notes

As we have before stated in these columns there are two classes for Black Langshans in the old country. One class is termed the modern or club Langshan and the other the Croad. The Croad birds are those bred as near like the first importations from China as possible, while the modern or club Langshan is bred for its height and scantiness of feather and some of them would make good black exhibition games, if

you will pardon a hyperbolical phrase. The facts are that the modern English Langshans are so tall that they have to be cooped in turkey coops to prevent their combs from becoming spoiled against the tops of the cages. The modern birds are bred in white, black and blue colors. The Croad birds are bred in black only. One man who commented on the recent Crystal Palace show said that the modern Langshans looked a deal like well groomed and well fed storks.

Blue Orpingtons were quite a feature of the exhibit this season. There were about forty of these fine birds set down in the pens, and they were a grand lot for type and color, so the leading authorities over there say. The judge did not know what to do when he came to the task of placing these Blue Orpingtons, so he told the originator of them, so he gave all the best awards to the largest fowls. Some class to that, eh? How would that do at Madison Square or St. Louis or Chicago? It seems that Blue Orpingtons are not to be bred with black top color as are Andalusians and Leghorns and Wyandottes, the breeders all working for a color that they describe thus: "Solid, rich, even, pigeon-blue from head to tail, free from lacing." We made mention formerly of the fine Cuckoo Wyandottes that were shown at the Palace this season. They have even been brought over to this country and are offered in eggs at some point down east that we have forgotten, though we only saw the announcement recently.

In ornamental fowls the English are leading the world. They still love their dear old game breeds and make great showings of them on every occasion. Polish and Cornish and breeds that we scarcely ever hear of are all shown in full bloom at these big shows of England. One thing we noted in the re-

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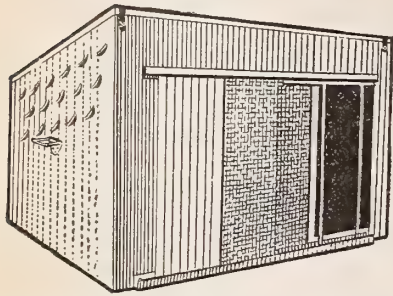
1st Cockerel, New York and Boston, 1906	2nd Cockerel.....New York, 1910
1st Cockerel.....New York, 1907	3rd Cockerel.....New York, 1909
1st Cock.....New York, 1906	Cock heading 2nd Pen, New York, 1907
1st Cockerel.....New York, 1909	Cock heading 2nd Pen, Boston, 1907
1st Cock.....New York, 1909	3rd Cock.....New York, 1909
1st Cock.....Jamestown, 1907	3rd Cockerel.....New York, 1910
Cockerel heading 1st Pen, New York, 1909	4th Cockerel.....New York, 1910
1st Cock.....New York, 1910	4th Cock.....New York, 1910
1st Cockerel.....New York, 1910	5th Cock.....New York, 1910
2nd Cock.....New York, 1907	Cock heading 2nd Pen, New York, 1910
2nd Cock.....Boston, 1906	6th Cockerel.....New York, 1910
2nd Cockerel.....New York, 1909	4th Cock.....New York, 1909
2nd Cock.....New York, 1910	5th Cockerel.....New York, 1909

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SAVES CHICKS

views of the Palace show this season was the statement that the Pekin ducks were being largely supplanted by the Indian Runners, as the former were prized mostly for their laying and not, as in this country, for their table qualities. We have ever thought of the Pekin as being the leader of all table waterfowls, but it seems that the Rouen and the Aylsbury have the call over there and nothing will shake it loose. Now the question puts itself, if the Pekin is a poorer table duck than the Aylsbury, why is it that duck plants in this country do not give more time to the Aylsburies? Have they ever been tried and what was the result? Perhaps it is the Pekin's great ability to lay an egg daily in the hatching season, coupled with its hardihood, that makes it supreme in this land.

The American bronze turkey has certainly captured England. The English breeders are known the world over as the greatest feeders of stock and they have succeeded in growing turkeys of this breed that really have the edge on the home of the Bronze. Since the advent of American turkeys in England such breeds as the White Austrian and the Black Norfolk and the Cambridge Bronze have not had the usual numbers of supporters. Orpington ducks in Buffs and Blues have been gaining ground in England but their introduction to America did not take well.

Writers and Writing

Some time ago a poultryman told us that the reason he never wrote anything for the poultry journals was that he wrote himself out in a few months after he caught the chicken fever. Did you ever notice how true this is? And how it comes about that the mushroom writers for the journals always depended on practical articles for meat for their pens? Fresh water daily, grit and good, clean grain and all of that? We suppose there is some need for such admonitions. The crop of entirely new subscribers is greater and greater from year to year and they must be fed, so to speak, with the essentials in the management and care of poultry.

Another thing: Did you ever notice the woeful lack of articles for beginners on the breeding of fowls of the various varieties? Why is this? Is it because the budding writers offer only a lot of matter which they see elsewhere, or is it because the breeders who would know what they are writing about do not have the time to take their pens in hands? Why, again, is it that so many articles on poultry houses all seem to come from the same source and editors will publish them? This might be answered by saying that there is a dearth of good articles on housing and sheltering which makes editors use what is contributed, possibly hoping to have some one who knows better refute the articles.

We have known many breeders to read something very erroneous but still they would not say a word against the false teachings. They had not the time, was generally the plea. We have been watching the rise and fall of many a poultry journal contributor in our time and very few of those who come are stayers. One large manufacturer told us the other day that he wrote more articles on the fancy and poultry possibilities during the first three months after he first owned a pure-bred chicken

than he had in fifteen years afterward. Very few poultry editors are in the country. Most poultry journals run themselves. The matter that goes into them is either junk pure and simple or reading notices.

We Will Have Them

We guess the American fancier has nothing more to say over the multiplicity of varieties in England. A few years ago it was often noticeable to those reading American journals that some fancier this side of the big wet made a little fun of the many varieties of a breed as they were originated in England. But today we stand about as far ahead in this one respect as the rest of the world. Look over the Wyandotte list: Whites, Blacks, Buffs, Silvers, Goldens, Silver Penciled, Partridge, Columbian, Buff Laced—these all made here at home—with the Red Wyandottes, Blue Wyandottes and one or two other varieties, including the Violets, all imported. Not bad for a start of the Wyandottes. A cross of the Whites and the Partridges would yield the Red Pyles, so we might as well say that we have these any time we want to make them.

Then to get over among the Rocks: Barreds, Buffs, Whites, Partridges, Columbians, Silver Penciled and Golden Barred. Quite a list, is it not, for such a staid and responsible breed as the Rocks, eh? And the wonder of it is that these varieties are all going forward. Breeders of them are coming to the front all over the planet. There is something about the new colors and combinations of colors that make them very interesting. Every man who is interested in them gets a couple more fellows going, and so the fancy spreads.

The Asiatics are not doing so well in the race. American fanciers are all centered on the general purpose varieties. They have even given the sprightly Leghorn the mitten in this race for pretty colors. The Minorcas are now being bred in Buffs, Whites and Blacks and the Pyle Leghorns are coming forward a bit but we are not so busy making new ones as we have been with the Rocks and Dottes. There is a text in this short note for a Babcock article or one by his friend Gorline. Is the craze for general purpose fowls one that can be termed a form of dementia poultrycana?

More Good Laying

The English, Utility Poultry Club's laying contests are means of information which we can all watch with interest. The managers are using trap-nests in all the pens of different breeds and the tales these tell are worth the reading many times. One would naturally suppose that the egg breeds, so called, would carry off the greater share of the honors. But such is not the case, it looking as if the ability to assimilate the food given was responsible for the winning pens or those anywhere near the top.

General purpose varieties were leading all the rest. For the first three months of the present six months' contest the leading variety is Buff Orpington. These four hens or pullets have laid for the three months they have been penned 66 eggs each. This is a pretty good record. The best indi-

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OUR EXHIBITION MATINGS this season will include all of our Boston winners and eggs will be sold from the same at the same price as previous seasons, although our winnings this year warrant higher prices. As the matings are small, the number of eggs available will be limited and it will be necessary for orders to be booked ahead. We shall issue, about February 1, a detailed list of special matings which will be mailed on request.

PRICES OF EGGS—Utility, \$1.50 per 13; \$4.50 per 50; \$7.00 per 100; Exhibition, \$4 per 13; \$12 per 50; \$24.00 per 100

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For young chicks. Keeps constant supply of clean, fresh water. Easily cleaned and filled. Best chick server made for either water or grit, grain, oyster shells, etc. Holds any size or shape ordinary glass bottle or can. Price \$5 each; \$2.70 a dozen; postage 15c extra. Brooder size holds pint Mason fruit jar, 20c each; \$2.25 a doz.; postage 10c each extra. No bottles or cans included. Catalogue FREE.

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MAKE YOUR HENS LAY

PRICE PER 100 LBS.

Beef Scraps	\$2.75
Meat and Bone	2.25
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Alfalfa Clover Meal	1.50
Medicated Charcoal	1.50
Broken Oyster Shells	.65
Mica Crystal Grit	.65
Pearl Grit	.60

J. G. HERMANN & CO., Indianapolis, Ind.

vidual laying for one month has been that of a Buff Orpington female credited with 27 eggs. Not at all bad. Close on the heels of the winners are White Wyandottes, Buff Rocks, Anconas, White Wyandottes again and then three pens of Buff Orpingtons, with another pen of Buff Rocks and another of Buff Orpingtons, making up the ten highest in the order named.

The poorest laying of the first ten pens has been 56 eggs each for the Buff Orpington pullets in three months, within a fraction of twenty eggs each hen per month. It is about time that we had something of the kind started here in America, and there is no doubt but it would create a great lot of interest. There is room at Ames for this kind of work, at Nebraska station, at Columbia, and other stations throughout the country. The time is now.

Going Ahead in the South

The South has long been recognized as being strong on early hatched chicks and competing at the early shows. In most every southern poultry journal there is a lot of matter telling about the advantages of the South as a poultry growing section. What is wanted are more good breeders in the South and the good shows that are being held there in the best cities are making more and more of the right class of recruits. The southern climate is something great when it comes to raising finished chickens, as the poultry show of the Jamestown exposition showed. We heard numerous breeders who visited the show as well as judges say that some of the best birds they ever saw came from the South.

Nothing will do more for the poultry business in any section than the careful building up of good shows. They are the life of the fancy and do as much as all other forces to bring about sales and draw beginners to the ranks. Let any small community drop its show for a season or two and the result is that the pure-bred chicken talk falls off in its volume and the interest flags out. Every breeder in the South who has the best wishes of the poultry fancy truly at heart should support the shows, even if he knows he has not the best stock, he should show. Associations cannot live without encouragement. They must have entries. The birds must be on hand for the visitors to see and the show must be supported. It is but a little for every man to turn out with a few birds, but look what this spirit did for the St. Louis show this winter.

More Room

Now when so many writers are pointing the way to success we might not be out of place in suggesting something ourselves. There is room for another farm or two to breed all kinds of bantams and ornamental fowls. Somewhere in the East there was a farm started a few years ago to breed fancy waterfowl for sale to parks and estates where water was at hand for these beauties to disport themselves in. It has never been able to grow enough birds to supply the demand and with one or two exceptions it has not had to advertise to unload the surplus.

Do not laugh in your sleeve when we say there is money in bantams. There is, and lots of it. They do not eat

much and sell for better than the average prices for larger fowls. They do not require much room to be reared in and they are salable at all seasons. If we were quartered in a small corner of a city we would have our bantams if there was no room for the larger fowls. They will always pay their way and more, laying eggs and raising a little brood where the limited quarters would discourage another hen of larger size.

There are two or three good sized farms throughout the country which are giving all their time to the bantam game. They are making ends meet and lap over a little financially. It is not the size of the output that makes a chicken farm noted—it is the quality of the product. There is quality in little fowls as well as there is in larger ones.

In Passing

It looks as if the fanciers on this side of the fence want to see the new Standard out, so that they may have it this fall. If there is a bungle in the way it is printed there will be some howling, too. The country is looking for about the best thing they ever had a chance to gaze upon in this line and from all the talk that the work has occasioned we are expecting much. The price that is paid for the illustrations makes the fanciers of the country look for something finer than anything we have heretofore been accustomed to.

For once we would like to see an edition of the work that would not have to be corrected with another edition in a few months. The man who buys a copy of the first edition does not want to find the usual blunders either of the editors of the Standard or printers.

GET EGGS NOW

Humphrey's newest book, "The Golden Egg," will show you how to get eggs all winter, and from 150 to 250 eggs a hen a year. It will give you, FREE, my secret of reducing feeding cost one half and of doubling your poultry income.

Humphrey, White Street Factory, Joliet, Ill.

Where Humphrey's Bone Cutters, Clover Cutters, Brooders and other Poultry Helps are made.

\$5 NO MONEY IN ADVANCE

The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.

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Largest stock Govt. Auction Bargains in the world. 15 acres required for its storage. 340 page catalogue, 3000 illustrations, including 1910 list ready about April. Mailed 15c (stamp). Cannons, Flags, Pistols, Rifles, Spears, Drums, etc.

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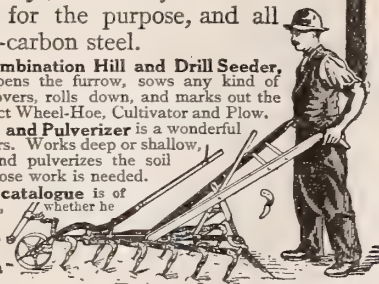
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coop towards the wind, and at night have some kind of covering in front.

Down south now, where it is very hot, be sure to keep the drinking water for the chicks out of the sun, as if this is not done many chicks are liable to be lost with diarrhoea. From May on in the northern section the water should be kept in the shade.

Regarding brooders, many chicks are killed or their constitutions ruined every year by keeping the brooders too hot. Am trying out the fireless brooder this year, and if it works out it will be the best way I know of except the hen. Eighty to 85 degrees for the first week, then down to 75 will raise stronger and more hardy chickens than when more heat is used. Do not feed little chicks before forty-eight hours old. It is then probable that you will not be troubled with white diarrhoea. Be sure and give young chicks as soon as they start eating fine grit; this is very essential. If any oyster shells are given they should be broken very small, as the inlet to the gizzard is very much larger than the outlet and should a large piece get caught in the outlet it would set up inflammation.

Collect eggs two or three times in the morning during cold weather.

One should be careful to watch the rooster at feeding time, as some birds will starve themselves, letting the hens eat up everything. When this is the case the male bird should be fed out of one's hand or from a ledge high enough so that the hens could not reach the food on it. It is very rarely that this has to be done, but it is well to get hold of the male bird occasionally to see if he is keeping up his weight.

Be sure to dust all male birds and hens with a good insect powder, putting plenty around the vent, as all vermin go there once in every twenty-four hours at least for moisture, and will die if they do not get this. I have never had any trouble with vermin on chickens as long as they are dusted twice a year. It is best to do this by hand, having the insect powder in a tin with holes in the top. Be sure to dust a hen good before she sets on eggs, and again on the fourteenth day. A hen that sets on eggs and has lice will usually break eggs while she is setting, as naturally she is restless. Who wouldn't be.

Remember that black fowls when hatched are black and white or yellowish, and have white tips to their wing feathers up to over four months old. White birds will often hatch out a yellowish color, and buff birds sometimes very light, getting darker, and sometimes hatch dark with several black strips down the center of back and head. These will disappear in time.

Next month I will write on the best way to break up setting hens so that they will be through their broodiness in three days and be laying within five days, and various other subjects.

Early hatched chickens lay at a younger age than late hatched ones.

A male bird that has had a frosted comb is just as good for a breeder as one that has not had this trouble.

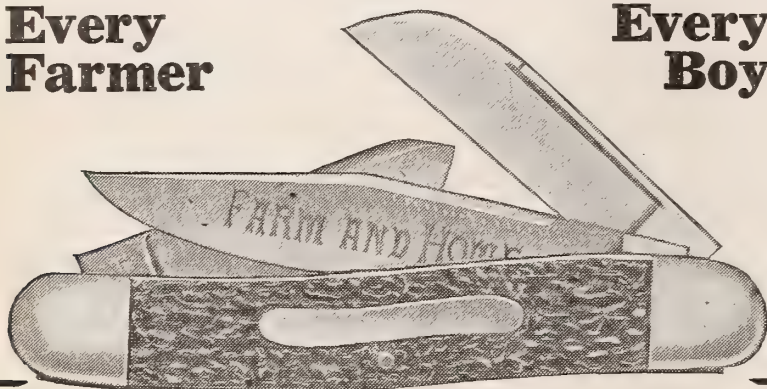
Silver Spangled Hamburgs & Barred Plymouth Rocks

My Hamburgs won at the great Cleveland show, first cock, first and fifth hen, second and fifth cockerel and first pullet on seven entries. No pens entered. Send for price list on eggs and stock.

R. D. SLY WEST CLARKSVILLE, OHIO

Every
Farmer

Every
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Will Want This Big Knife

You must see it and use it to appreciate the exceptional qualities of this knife

The Blades three in number, are of the very best steel, accurately ground, evenly tempered, highly polished and finished in the best possible manner. They are large, strong and each so shaped as to be particularly useful to the farmer for budding, pruning, etc. (See illustration.) They will meet the demand of each and every occasion.

The Handle is four inches long, of selected stag; brass lined throughout; brass riveted and trimmed with German Silver name plate and bolsters. It is equipped with hard, finely tempered springs for holding the blades securely when open or shut, and so well adjusted that little or no wear comes on the blades when in motion.

Quality, combined with strength and service, are the features that make it possible for us to Guarantee that every knife will give Absolute Satisfaction.

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I want you to sell for me Four Beautiful Colored Pictures to your friends. It will take only a few minutes of your time, as my offer is so liberal everybody will want one. After you have tried it you'll be enthusiastic and want to earn some of the other fine rewards I am giving away.

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say you want Four pictures to sell. I'll send them by return mail—I trust you until you sell them—then send me the money collected and I'll send you this fine Three-Bladed Knife as a reward for your trouble, and a complete list of other valuable articles of merchandise you may earn in the same way. Don't wait—send me a postal today. Address,

THE KNIFE MAN, 13 Broadway, Springfield, Mass.

The first feed given the chicks should be given so that the hen can peck at it, as this will encourage the youngsters. The best thing for the floor of brooders and coops where young chicks are is peat moss, as this is a deodorizer, it is naturally cleaner than anything else, it should be broken up fine, it will retain heat, and when the chicks come in off the cold ground it will warm their feet. If this cannot be obtained hay cut up in small pieces is good. In a cold climate sand and earth are not so good, as it is cold for the chicks. Always have plenty of soft material on floor of coop or brooder.

GLEANINGS FROM THE JOURNALS.

By A. B.

Head us off, please, for we have at last got at the foundation of one thing! Mrs. Basley, who does most of the editorial work on Poultry Craft out there in California, tells us in the last number that Los Angeles consumes about \$6,000,000 worth of fowls and eggs every year. Is there money in hens? Well, it looks to the Lean One as though somebody was putting in a lot of it out there in little old California. Mrs. Basley also tells us that the cost per year of keeping a hen out there is from \$1.20 to \$1.50. This is the cost where grains have to be bought and nothing can be raised. We might mention in passing that poultry and eggs out there bring more money than they do in the central

west for the reason probably that all other commodities are necessarily high and the egg farmer does not have every farmer's wife to compete with in mar-



keting his product. This from Mrs. Basley:

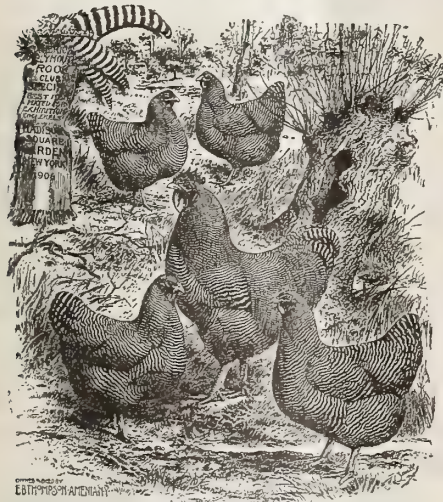
"The poultry business is not a 'get-rich quick' game, it is an honest, legitimate business and there are hundreds of prosperous men and women here that are making a good living at it.

"According to the statistics on poultry raising in the east the hen there is credited with earning \$1 a year for her owner. In most ranches in California the average is \$2 a year clear gain. This has been the gain for the last fifteen years of a man that I know who is breeding only commercial poultry for eggs. Others by carefully studying the business are hatching from eggs laid by hens that have proved themselves especially fine winter layers, are hatching out the pullets at the right time so as to have them lay eggs galore in the months of October, November and December, when the price of eggs soars highest. These men, and women too, know how to handle the fowls, how to feed to the best advantage, how to keep the fowls vigorous, in other words, how to make the business pay, and these are getting over four dollars a year per hen for commercial eggs. I know one lady who made clear \$8 per hen, but she was selling some eggs at a little more than market price for hatching.

"The owner of one beautiful ranch that I visited found that his hens did not pay their feed bill one year in October and November. Just when eggs were at the highest price his hens were not doing their best to fill the egg basket, the next year by 'knowing how' the same number of hens cleared him \$155. All the difference between the 'knowing how' and not understanding.

"This is a sample of what is being

Fashion's Proudest Birds are "Ringlets"



Winners of Special Prize for Best Pen mated to produce Exhibition Cockerels, at Madison Square Garden, New York.

E. B. Thompson's Barred Rocks

are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which have made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse—it is the most remarkable in the annals of poultry shows.

My producing the beautiful "Ringlet" feathers on Barred Rocks is recognized as having passed far beyond the realm of experimental theory. I never had so many superior exhibition and breeding birds—both male and female—with which to supply my customers all over the world as now, and all fanciers who visit my farm declare the stock is a revelation in the science of Barred Rock breeding. I can furnish you any birds you may want at reasonable prices and will assure exceptional value. Will mate to produce winners if desired.

The "Ringlets" are known in every land and play their part in the commerce of the world

"Ringlet" Eggs Are The Best That Money Can Buy; They Produce Prize Winners

Mr. E. B. Thompson

Dover, Ark., October 18, 1909.

Dear Sir:—Thinking it would be of some pleasure to you to know of my winnings on your "Ringlets" at our show, I will state that I won first prize on cock, hen, cockerel and pullet, and special for best cock, any variety, and special prize for best hen, any variety, in the show. The "Ringlets" win wherever shown. This was my first exhibit and my birds were the sensation of the show. Yours truly, W. J. Brown, M. D.

My matings for eggs are the world's finest, and prices are as usual: One setting, \$6; two settings, \$11; three settings, \$15; four settings, \$18; 100 eggs, \$30. New 58-page catalogue, full of pictures of New York winners from life, will be mailed upon application.

SEE MY OTHER ADS IN THIS PAPER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

done in the suburbs and smaller cities around Los Angeles as well as all over California and neighboring states and it confirms the assertion so often made in these columns that you can do better in the poultry business in California than in any other state in the Union if you know how. But you must learn the climate and other conditions of this state and know how to adapt them to the needs of your fowls."

We understand that the Boston show has for years had two classes for the showing of exhibition pens. This is certainly as it should be and is a move that other shows should follow. There is no justice in letting young and old compete together. Here is the timely bit of matter that the Poultry Culture has to give us:

"Cockerels and cock birds do not compete nor do hens and pullets, so what is the sense in allowing pullets to compete against hens or cockerels against cocks in pen competition? Common sense would dictate there be young pens and old pens especially at the early shows. There is room here for a few of our progressive shows to make a little history and demand separate competition by offering separate money on young pens and old pens."

Farm Poultry says that either Mr. Sewell should resign from the committee in charge of the publication of the new Standard or that he should refuse to do any of the work. It doubts the validity of allowing Mr. Sewell to do any of the work and still be a member of the committee in charge of seeing that the work is done:

"Commenting on the appointment of artist F. L. Sewell on the committee of the American Poultry Association in charge of the publication of the new Standard at the time that committee was named, we said that if Mr. Sewell was to furnish illustrations for the book the objections some were making to his appointment were well founded. Mr. Sewell at that time was seriously ill. If we are not in error the statement was made on the floor—we know it was made in the hall—that Mr. Sewell's health would probably not permit him to take up the work it was at first proposed to give him, but that he would be able to give his critical services as a member of this committee.

"That his services in either capacity would be valuable everyone will admit. That he should serve the association in both capacities many will consider, as we do, improper. The impropriety will

be much greater if the committee of which Mr. Sewell is a member in dealing with the artists of whom Mr. Sewell is everywhere recognized as best, make a distinction and give him a higher price than the others. His work may merit the higher price, but that is not the question at issue. The question is as to whether a committee of which he is a member should put itself and him in this position.

"And besides this question of propriety, there is the question as to the validity of any contract the committee as constituted may make with Mr. Sewell. Such a contract is probably not valid. As far as our knowledge and information on such points go, it is not valid. Even though the A. P. A. has no provision in its constitution providing against such transactions, they are illegal, and a few members of the association if so disposed could easily make it impossible for the artist ever to collect one cent for work done under such agreement.

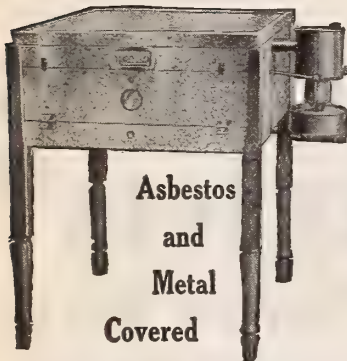
"If the American Poultry Association wants all new illustrations for the new edition of the Standard Mr. Sewell's services as an artist are worth more to it than his services as a member of the publication committee. There is little doubt if it were left to the breeders of the different varieties to say who should furnish the illustrations, practically all of the work would be assigned to Mr. Sewell. There is no doubt that whether on the publication committee or not, Mr. Sewell's criticisms and advice would be given other artists—as they were when the illustrations for the present edition of the Standard were in preparation.

"The situation and the facts being as they are, Mr. Sewell ought either to withdraw from the committee or decline to do any of the work. There are scores of men in the association who are equally capable of serving on the publication committee. There is none so well qualified to make illustrations for the book.

"It rests with Mr. Sewell to decide whether he will remain in a position likely to prove embarrassing to all parties interested or take an attitude that will relieve him of responsibilities for complications."

Just how the fancy takes to the idea of having Mr. Sewell on the committee as well as doing the artistic work assigned to him is more than we can foretell, but it looks to the Lean One as though it was up to him to resign. We all know he is the best artist in the field and every fancier would like to have his work on their variety. It

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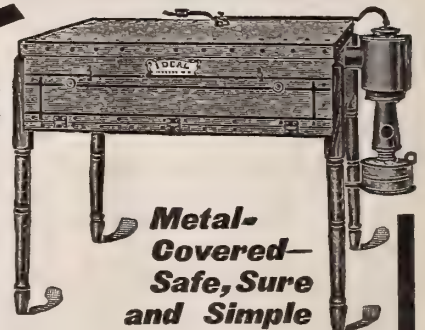
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Safe, Sure
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J. W. Miller

A THING OF BEAUTY AND JOY FOREVER NOFTZGER'S PARTRIDGE ROCKS

Can you imagine this most beautiful bird with its feathers most beautifully and delicately penciled with dark brown on a mahogany brown, making a rich chestnut coloring effect with a beautiful sheen that shines like satin? If you can imagine this, then you know how beautiful they are, and then you will want to go to the originator of this breed to secure further information. He breeds the best there is, as is proven by the fact that he

Won Again at the Big Chicago Shows

all first and second prizes, also 3 thirds and 3 fourths. He not only has a few good birds but hundreds of them, and he has less culls and more show specimens than are found in the average flock of thoroughbreds. To this fact many can testify. Judge Zimmer and others have remarked about this fact in visiting his yards. Remember this, also the fact that they are great layers, docile, easily confined and embody all the good qualities of any other variety of the Rock family, and we think you will decide you want **PARTRIDGE ROCKS**. Naturally you will want stock from the originator. He is just issuing a handsome illustrated book telling all about these fine birds, giving history, etc., which will be sent for only 10 cents. Hundreds of birds for sale. Mated trios and pens. Write for prices.

S. A. Noftzger, North Manchester, Ind.

RED, RED REDS

—ROSE COMB REDS—

I breed Reds that are red to the skin, with the correct long-bodied type that is called for in the Standard. Hence they please the Judges and win in the strongest competition in the country. I not only raise a few good birds, but lots of them; to prove this I put out two strings of birds at the same time and my birds were

Winners at the Great Missouri and Oklahoma State Shows

At Enid, Oklahoma, State Show, a show of 3,200 birds in a hot class of Reds I won 2nd cockerel, 3d cock, 1st, 2nd, 3rd pullet, 1st pen, special for best shaped male, special for best colored male, special for best shaped female, special for best colored female, special handsome silver cup for best pen and special handsome silver cup for best pen in the show. This, the most coveted prize in the show, was awarded me by three Judges consulting together. These winnings clearly stamp my birds the best R. C. Reds in the Southwest. Read what Judge C. W. Zimmer says, "To Whom It May Concern—I awarded the above prizes to Mr. Robert Bretz, and I consider his birds exceptionally fine specimens and eggs from these birds are well worth the price asked—\$10.00 per 15. Respectfully, C. W. ZIMMER, Judge."

Eggs from Prize-Winning Pens

Have mated up some grand pens, each one headed by a prize-winner, from which I will sell eggs for \$10.00 per 15. Eggs from farm range stock, \$2 per 15; \$10 per 100. Don't delay. Order today. Send for mating list and mention American Poultry Journal.

Robert Bretz R. R. 3 El Reno, Oklahoma

looks as if Farm Poultry had touched a live issue.

American fanciers and journals have been at different times wasting space and time to the discussion of why we do not have summer shows. We give the last effusion from the pen of Hicks of Kansas below. Just what Poultry Culture means by "something interesting" that it is going to give is more than we can tell, but we shall have to wait and see. The fact is that we should have some spring and summer shows. The sorts of shows that would be over in three days at the most and be held in various nice parks and pavilions to be found in the centers of importance. Take a shot at this:

"During the past few months the editorial force of poultry journals have been devoting practically all their time to attending poultry shows. While around the show room times innumerable we have heard fanciers complaining that they could not attend near all the shows they would like to as the show season is crowded into practically two months' time.

"More time is needed to give the exhibitors a chance to make showings in different sections of the country. This would make the competition much hotter as the shows would not be so much local in character.

"Why not have some summer shows as our English and Australian friends do? It is true that climatic conditions are not quite the same, yet there is not such a wide difference as anyone would

think. Our fanciers could soon learn to prepare birds for exhibition, possibly not as well but reasonably well for June or July. After July the moulting season sets up and more difficulties are to be overcome than in June even. It looks like there is a field for some educational work along this line.

"Poultry Culture is taking the matter up with a number of fanciers and we hope to give something interesting along this line soon. Give us your ideas about it."

Feathered Life, that interesting journal that comes to our table every week from England, has the following note about Blue Langshans. This Langshan breed is worthy of more note than it has come to receive in America, and we are oftentimes struck with the splendid service it has given those who have put dependence in it. We need more Langshan fanciers all over the country. This lordly bird should not be lost sight of.

"Since its first introduction into this country, about fifteen years ago, the blue variety of the Langshan has been mainly in the hands of a few enthusiasts, who have never wavered in their fidelity to this handsome and useful fowl, esteeming it not only for its great economical value as one of the best all-round birds we have, but also for the great interest it provides for the breeder, animated by the desire to produce each season specimens that excel those of the previous year. For the benefit of those readers unacquainted with blue Langshans, I may say that in color

(only) they resemble the blue Andalusian. The ground color should be a clear lavender-blue, each feather distinctly laced with a dark slate, which also forms the predominant coloring of the upper part of the plumage of the cock."

It was only a few months ago that we saw an article by one of the more practical poultry raisers of the country who declared it was not right to turn off the good laying flock of pullets after the first season. He had facts and records to back up his article and there must have been some truth in it, for he was so situated that he could not hatch a crop of pullets annually and had discovered that hens were good layers from the fact that he was forced to use them. He said that while they did not lay as many eggs as pullets they still made a great showing and one in favor of carrying over good hens because the cost of rearing pullets for each winter's laying pens had not been anything. This saved a lot of time and trouble and work. Now what has been your experience on this subject? What is your opinion on this matter? But this is what the writer of the Poultry Advocate has to say:

"The great trouble with the poultry raisers is they become 'chicken-hearted.' By that I mean they become so attached to their flocks they can't or won't sell or kill the non-profit producing birds, consequently their flocks just about pay for themselves and no more; where if they would make up their minds to

BEST WHITE ROCKS IN OHIO



1st Pen Cock, A. P. A. Show, Cincinnati, O., 1909

Rich in the Blood Lines of

Madison Square Garden Winners

Look at a few of their late winnings: 16 firsts, 6 seconds, 6 thirds, 2 fourths and 1 fifth at A. P. A., Cincinnati, Ohio, Mt. Vernon, Newark and Ohio State Show at Washington C. H., Ohio. Have possibly won more first prizes at a given number of poultry shows than any White Rock breeder in the West. My patrons have won at Indianapolis, Detroit, Cleveland, Pittsburg, Cincinnati, Janesville, McKeesport and many other lesser shows.

Look at this 1910 Standard male that heads one of my breeding pens for this season and is but a fair sample of my birds. Every other male in pens this season is as good or better, and if you are

Going to Buy Eggs

don't overlook the man who has them at live and let live prices, and from as good White Rocks as any breeder in the world.

One customer won sixteen regular prizes in one season with young stock hatched from eggs from my yards, and again one of the largest winnings in the East last season was made by a customer who purchased the eggs from me. My attractive '10 mating list is now ready for you; it tells the balance. Eggs from my best and prize-winners, \$3 per 15, \$5 per 30, \$15 per 100.

S. M. Dickinson, Box C, Granville, O.

S. C. BUFF ORPINGTONS Cleveland Winners

We won again at the great Cleveland Show, 1, 3 cocks; 1, 2, 3, 4, 5 hens; 1 chl.; 2, 3, 4 pens and 2 silver cups. Our Buffs have won at Cleveland for years, and this last victory, in competition with the best in the country, should convince you we have the highest quality in Buff Orpingtons and know how to reproduce them.

Eggs: From our extra choice pens, \$10 per setting; from other grand matings at \$3 and \$5 per setting. Mating list free. Write today, mention American Poultry Journal.

Roseland Poultry Farm

Chas. W. Switzer, Owner-Manager

South Euclid, Ohio

Carcasses? Show Birds? Breeding Stock? or EGGS?

Where are the biggest profits? Are
YOU clearing \$6.41 per hen, or over

\$12,000 PER YEAR

as the Cornings did from their commercial egg farm?

THE ordinary poultryman will say it can't be done—that \$2 to \$3 per hen is the very utmost that even an expert can make, clear. He will say that even if a few experienced men could make \$6.41 per hen, it is impossible for two mere beginners to do it.

And yet that is exactly what the Cornings, father and son, DID DO LAST YEAR. Starting four years ago with only 30 hens, with no experience, with Prof. Gowell's bulletins as their foundation, with many experiments and much hard work, this was the result last year—over \$12,000 clear profit from 1953 laying pullets. Read the whole story in our

Corning Egg-Book

(entitled "\$6.41 per Hen per Year"). Not what the Cornings might do, or could do, or want to do, but what they DID DO. No impossibilities, no wild promises of fortunes from a few hens in a dry-goods box. Simply a cool, careful, comprehensive account of how scientific egg-raising makes money (\$12,000 per year) for two hard-headed business men.

Can other Lines of Poultry Culture Show Equal Results?

The Corning Egg-Book tells everything—where the Cornings find their market, why they raise only white-shelled, sterile eggs, how they keep hens laying regularly in winter, when they hatch chicks that are to do their best work in December and January, how to mix the feed that produces the most eggs, how to prevent losses, how they found the best breed for egg-producing, and how their whole system works to that one end—eggs, EGGS, EGGS. Many photographs of the Cornings' Sunny Slope Farm, with complete working plans of their buildings, showing brooder and laying houses, colony houses, breeding pens, door and floor construction, etc., etc. From these plans any builder can reproduce the plant, in whole or in part. (This winter the Cornings have 4000 hens, and in January were getting 75 cents per dozen for eggs.)

The FARM JOURNAL, always a poultryman's paper, takes special pleasure in being the medium of publishing the Cornings' methods and achievements to the world. Our offer is, we believe, unequalled in the history of poultry journalism; here it is:—

FARM JOURNAL two full years

Copy CORNING EGG-BOOK, postpaid }

ONLY 50 CENTS

Book and paper may go to different addresses if necessary. Our "POULTRY SECRETS" book may be substituted for the CORNING EGG-BOOK if desired. Both books with FARM JOURNAL 4 full years, only \$1.00.

FARM JOURNAL has for thirty-three years conducted a poultry department known the country over for the ability of its editors and the value of its contents. Besides this strong section, which of itself makes the paper valuable to every chicken owner, its other departments are ably conducted and widely quoted. It is the standard monthly farm and home paper of the country, with already more than 700,000 subscribers. It is clean, clever, cheerful, intensely practical; boiled down; cream, not skim milk. Its editors and contributors know what they are talking about and can quit when they have said it. It is for the poultryman, gardener, fruit man, stockman, trucker, farmer, villager, suburbanite, the women folks, the boys and girls. **Regardless of what you may think NOW, you will find Farm Journal is for YOU too.** It is illustrated and well printed on good paper. It has not a medical or trashy advertisement in it.

Send coupon to-day.



Corning Laying House No. 2. 1500 hens in 2560 sq. ft.

Cut out and send this Coupon

FARM JOURNAL, 1007 Race St., Philadelphia.
Enclosed find 50 cents. Send The Corning Egg-Book and Farm Journal for two years to

Name

P. O.

R. F. D. State

Begin with the January issue.

Buff Rocks : Wyandottes Orpingtons

Winners at Chicago, St. Louis, Evansville, Youngstown, Cleveland, Elyria, Berea and other shows. At the recent Cleveland show on Buff Wyandottes we won fifth pen, fifteen pens the best from East and West competing. In several shows we have won every prize competed for in all three breeds. This should convince you we have the highest quality. Stock for sale. Eggs from pens containing our winners, \$3. Write for free circular.

Fred A. Poertner

Buff Specialist

Berea, Ohio

S. C. Reds That Win

I won at Ohio State Meeting at Youngstown, O.; Lester Tompkins, judging; 1st and 3d pen, cup on best pen of old stock, cup best pen young. Send for mating list.

Homer Slagle, State Vice-Pres. of Ohio State Branch, Poland, O.



WHITE ORPINGTONS

They lay like slot machines. At Cleveland in hot competition I cleaned up every first prize but one. I won 1st cock, 1st hen, 1st pullet, 1st pen. Also American Orpington Club specials on White cock, hen, pullet and pen. Also two silver cups. Altogether I have 18 firsts, 12 seconds, 12 thirds, 16 specials, 2 diplomas, 10 silver cups at Cleveland, Madison Square, Chicago, Pittsburg and other large shows. High class show birds and breeders for sale at reasonable prices. Eggs, \$3 per 12.

Lawrence Jackson : : Haysville, Penna.

ESSO RE-CARBONIZED CHICKEN CHARCOAL

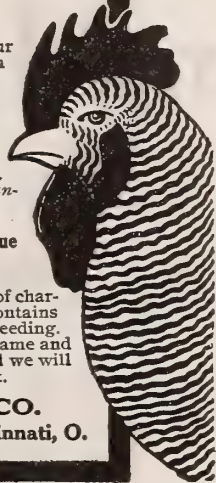
Healthy Chickens mean Healthy Profits

There is no profit in a sick chicken. Your chickens need charcoal to keep them in good condition. But do you know there are two kinds of chicken charcoal? One is once-burnt; the other is re-carbonized—twice-burnt. Esso Chicken Charcoal is the best and purest you can buy—because it is the only chicken charcoal that is re-carbonized—twice-burnt. The only charcoal in which no gritty un-charred pieces are to be found.

Write for our Free Booklet "The Value of Charcoal in Poultry Raising."

This book tells the facts about both kinds of charcoal. It is well worth your reading and contains some excellent suggestions for proper feeding. Send us your name and address with the name and address of your poultry supply dealer and we will mail you a copy of this booklet free of cost.

The S. OBERMAYER CO.
641 Evans Street. Cincinnati, O.



get rid of the birds that do not pay a profit, their flocks would be profitable, and, instead of becoming a chronic kicker and a member of the 'hammer club' they would be charter members of a boosting association. It is surprising, the dense ignorance shown by some people in the business. We all know that an egg farm is in existence to make money, and in order to do so it must get as many eggs as possible, as quick as possible, as cheaply as possible. Yet there are people who will keep a hen or a dozen or hundred of them after their pullet year just because they can't see them killed or sold.

The motto of a successful egg plant is, or should be—'sell all pullets after first year.' Of course there might be exceptions to this rule where you want to raise your pullets from your own stock next year. But now that day-old chicks have become so important a branch of the poultry business, I do not think it pays to 'fuss' with a machine. I am buying thousands of chicks every year. Would rather let the other fellow do the worrying and am willing to pay him for it. On my plant I am able to house 2,500 chicks every three weeks, and from this number I get my laying stock for that season, selling off the pullets the fall following as yearlings at a figure that will have paid for their keep."

As we chronicled in these columns some time ago, there is a movement on foot to get a state appropriation from the Ohio law makers for the furtherance of the industry in the state. The Poultry Record gives vent to the following which we take from an editorial. We have seen many states bet their appropriations and many lose them. The way to get a state appropriation and keep it is like they have done it out there in Nebraska and Missouri. In those states the fanciers and breeders and others who were interested in getting the bill through kept after the representatives in their sections as if they were the personal representatives of a plague. The result was that they got their appropriation and it is going to stay with them. Read this, you Ohioans, then get busy with that line of state senators and representatives from your various districts:

"A movement is on foot backed by the Ohio State Poultry Association and the Ohio branch of the American Poultry Association to secure a sufficient appropriation from the state legislature to establish a course of instruction and investigation in poultry culture at the state university. Professor Plumb, of the university, is deeply interested in the movement, and wants the assistance of local poultrymen and poultry associations. Ohio can secure such an appropriation and can have as good a course in poultry instruction as any state if the poultrymen of the state ask for it. Seventeen other states have appropriations that in some way are of benefit to the poultry industry—most of them appropriations strictly for that purpose, and Ohio ranks second of the states in production of poultry products."

Mrs. Mellette, who was once a figure of some prominence in the western poultry world but who now appears in an article the first time in many moons, has been down there in southern California where they do things in the poultry line on the thousand scale, and she

Boy's Watch and Fob

FREE

BOYS

This Watch and Fob

is the highest quality in every respect. THE WATCH is an excellent timekeeper, open face, 16 size, thin model, with patented stem-wind and pendant-set; enclosed in a handsome nickel-plated case with heavy bevel glass crystal. THE FOB is of metal, engraved with any initial and nickel-plated.

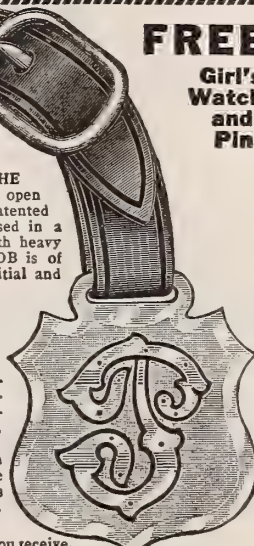
GIRLS

you can get a watch too—the cutest, little, nickel-plated watch and chate-laine pin you ever saw. It's stem-wind and pendant set, engraved back, open face with heavy bevel edge crystal and equally as good as the boy's watch described above.

We guarantee both outfits and you cannot fail to be delighted with either one you receive.

FREE

Girl's Watch and Pin



Send Me Your Name I want you to sell for me five colored Pictures to your friends. It will take only a few minutes of your time, as my offer is so liberal everybody will want them. After you have tried it you will want to earn some of the other fine Rewards I am giving away. **SEND NO MONEY.** Just write me a postal saying you want to earn one of these Watches and I will send you the five Pictures by return mail and trust you until you sell them. Then send me the money collected and I will send you either fit as a reward for your trouble and a complete list of other valuable articles that may be earned in the same way. Send me a postal today. Address **THE WATCH MAN, 44 Broadway, Springfield, Mass.**

THE FAMOUS KELLERSTRASS \$10,000 HEN



THE FAMOUS HEN, "PEGGY"

VALUE \$10,000.00

First Prize Winner at Jamestown Exposition, Madison Sq. Garden, New York, and everywhere she has been shown

The reason we value the above hen at Ten Thousand Dollars is because we refused \$2,500.00 for her after we sold five of her chicks for \$7,500.00; and we will give \$10,000.00 for a "Crystal" White Orpington Hen that will equal her in every way. Send for catalogue.

Kellerstrass Farm, R. F. D. 1, Box 98, Kansas City, Missouri

has discovered that they brood chicks in batches of twelve hundred each, making a great success of it. This will be something of a poser for the people who have been teaching us that but fifty are enough in one flock! We hope that Mrs. Mellette will go on and investigate more farms where these ideas are practiced and tell us about them in the Northwest Poultry Journal:

"They build their houses tight, mostly with cement floors. They have two rooms with a door between for the operator to use, which is kept shut for the chickens. There is cut on either side of the door an opening on the floor. This is about six inches high and eighteen inches long. It is amusing to see the chicks troop back and forth through these openings. One will whisper to another, 'Let's take a run,' the word is passed along and off they go in a chummy, happy-go-lucky-I-don't-care-if-I-do-have-to-die-some-day way that is very interesting to watch them.

"In front of the brooder houses are

well ventilated from above, being on the side hill it was arranged so that the alley-way was lower than the main house and when the chicks came into the brooders on a level with their floor it was very easy to manage them because the brooders were just about as high as the average table, from the alley. But most of the heating is done by the distillate oil burner in the center of the room, which burner has a pipe to the outside, and about three feet above the floor there is an umbrella-like deflector around the pipe which diffuses the heat over the chicks.

"Said one man, who is using one of these, to the writer: 'I slept in the brooder house the first three nights with my eleven hundred. They all get up and move around at 12 o'clock. I was afraid they would not be warm enough, but it worked like a charm.' This same man has since built two more houses of two rooms each and put in two more eleven hundred lots.

"But it is not wise for the novice to

This old and popular variety at their best are a beauty breed and hold their favor in every section. Their practical qualities have kept them in the front ranks for forty years or more. This season Mr. Seigfried won at the Buffalo International show first and fifth cock, first and second hen, first cockerel, second and third pullet and first pen, the gold special for best display and the A. P. A. medal for best cockerel.

At Rochester, N. Y., first and third cock, first and third hen, first, second and third cockerel, second, third and fourth pullet and first pen. For three years in succession he has won gold special for best display at this show.

At the late Madison Square garden, New York, show on three entries he won first prize cockerel and third hen; also special on male.

At Canandaigua, N. Y., every first prize and several others with specials offered.

At Batavia, N. Y., with but six entries he won four first prizes and two



First pen White Plymouth Rocks at the great Missouri State Show, at St. Louis, December, 1909. Bred, owned and exhibited by J. A. Bickerdike, Box A, Millersville, Ill.

windows enough to make it light. Outside the ground is planted to wheat and the same sort of openings let them outside in all kinds of weather and they grow lusty and strong and the green feed makes their frames grow long and big.

"The heat is supplied by a little furnace that burns distillate oil; it sits right on the floor with the cement rounded up a little around it and some right on the dirt. One 'twelve hundred' place the writer visited had an alleyway and a system of two hundred chick brooders in the alley heated by water pipes running both ways from a little distillate oil burner in the center. Each brooder was for two hundred chicks. At night they were watched and each one was closed when it was full enough.

"The main house had a stove in it which was lighted a while in the morning and on cold days. The house was

begin with a twelve-in-one-bunch brooder. The story is told of how one man recently bought thirty thousand at once and lost five thousand of them. Sometimes the little fellows begin to pick toes, then a few pieces of boiled liver are suspended just within their reach by wires from overhead, their attention is diverted and they behave well. Chicks and old hens, too, are just like people; if they are not kept busy they get into mischief."

—0—
**LEROY W. SEIGFRIED, WATERLOO,
N. Y.**

**Breeder of Silver Laced Wyandottes—
His Season's Winnings.**

It is seldom that we have to chronicle a list of any breeder's winnings that compare to that made by Mr. LeRoy W. Seigfried this year with his well known strain of Silver Laced Wyandottes.

second prizes. Also special for best female at the show with first pullet.

This for one season looks pretty good to us. Mr. Seigfried has been breeding for many years and has shown or sold winners for our best shows. For four years at the New York state fair he has won more prizes than any competitor.

We have handled this line at several shows and have written them up before. His first Buffalo cock is without question one of the best we have ever handled, and he in every quality is followed by his first prize cockerel. His winning cock and, in fact, all his birds also came under our notice, and are in every way all that is claimed for them. We gladly refer you to Mr. Seigfried for all further information.

—0—
The poultry shows are over. Now begin your preparations to take down more of the ribbons next season.

**No. 1 Sand Tray
PRAIRIE STATE**

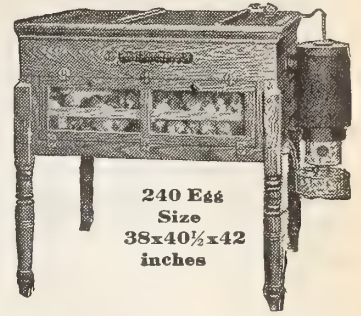


100 Egg
Capacity.
Size
25x30½x35
inches



**No. 3 Sand Tray
PRAIRIE STATE**
390 Egg Capacity
Size 45½x48x42 inches

**No. 2 Sand Tray
PRAIRIE STATE**



240 Egg
Size
38x40½x42
inches

The 1910 PRAIRIE STATE Line of Incubators and Brooders Have No Equal

That's a strong statement to make, and we would not dare to make it if we could not back it up with the machines and their records in the hands of thousands of users. Our statement isn't the old stereotype "**claim**"—the reasons and the **proof** are briefly given below. They are **facts**. No one can question. Our 1910 catalog gives hundreds more.

Superior Construction

In the first place, the Prairie State machines are superior in construction. The material used and the workmanship are fundamental reasons why they are so much better—WHY they do better work—WHY they last better and prove more economical in the end.

If we cared to we could build cheaper, lower-priced machines than any one in the business because of our extensive factory equipment and longer years of experience, but we could not have built up the permanent, successful business we have and the second-to-none reputation such as our machines enjoy, on the impractical lines on which machines are built to sell at the ridiculously low prices offered today. And yet

Our Machines are Cheaper

than the lowest-priced machines on the market, simply because they are better—thoroughly practical—honestly built and give lasting service and greatest returns. The successful, leading experts would not install them in preference to any other if they were not the best on the market.

It is folly to risk eggs, time, money and opportunity on cheap, unreliable machines. The right start in the poultry business depends on getting the right equipment.

Mr. Leon L. Hough, a big poultry man

of Canisteo, N. Y., wrote us December 30:

"In the spring I will erect another incubator house that will accommodate 100 of your 240 egg incubators. There's none equal to the Prairie State in my judgment."

Here's a man of wide experience. He wants the best. You need the best more than he does. It is just as important in buying one or one hundred machines that you get the best.

Mr. S. T. Campbell, Secretary American Poultry Association, wrote us January 10:

"I have been using your Universal Hovers for several years. I have never been able to get as good results from hens or any other brooders as from yours."

Mr. Sam. McEwen, of the Sysonby Poultry Gardens, Petersburg, Va., writes:

"The 20 Prairie State Incubators we are using are the best we ever operated."

Mr. Edward Corning, the man who, with his son, made \$12,000.00 last year, at Bound Brook, N. J., writes:

"After trying your Universal Hovers we discarded all others and will use them exclusively, as they give such excellent results."

When such prominent poultry men endorse Prairie State machines as shown above, what better proof could you ask?

Don't you think we are justified in making the statement at the head of this advertisement? The

Secret of Prairie State Success

lies in the fact that being built of good material, by skilled workmen and on practical and successful hatching and rearing principles, they are superior to any other. They are not experimental, cheap, unreliable machines made merely to sell, but machines built on 27 years of experience. That's why they give such remarkable satisfaction.

The Sand Tray Prairie State Incubator is a wide step ahead of all other—different in hatching principles and nearer to nature's way than any other. That's why it hatches bigger, stronger chicks and more of them than any other.

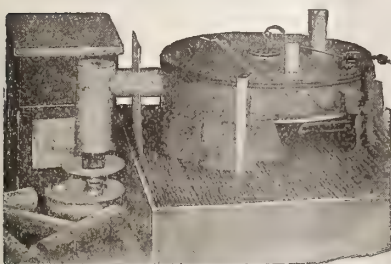
The Prairie State Universal Hover almost speaks for itself. It furnishes ideal brooding conditions and lends itself to a wide range of use. Can be fitted into a piano box, broodhouse or used in Prairie State Colony houses as shown in illustration herewith.

Before You Buy

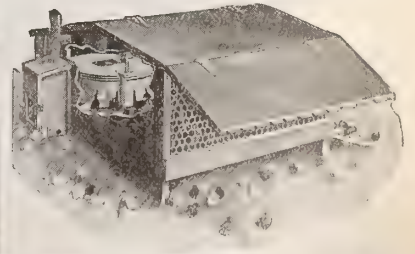
send for our 1910 Catalogue—it not only fully describes Prairie State machines but contains nearly 50 pages of valuable poultry information. It will help you to make the wisest choice.

PRAIRIE STATE INCUBATOR CO., 468 Main St., HOMER CITY, PA.

**Detached View of
UNIVERSAL HOVER**



**Colony House with Universal Hover.
Also Shown in Homemade Piano
Box Brooder.**





THE PHILADELPHIA SHOW



A YEAR ago in writing up the Philadelphia show we made this statement: Philadelphia has won its way to the front ranks, and today stands shoulder-to-shoulder with the best shows held in the land. We are now pleased to repeat this same statement after attending their fourth exhibit, and wish to add that time only can improve their past effort. Here is an accomplishment of but four years' time, in this short time they have drawn exhibits from a great many states, and of a quality that makes the going of the best and places the value of their awards far above par. This year with close to 2,700 birds shown, displays both fancy and practical by several of the great poultry plants, with all the poultry journals represented as well as all the leading incubator and poultry appliances shown exhibited, the show was indeed complete and drew the greatest attendance we have seen. They came from near and far, and in such numbers that the great hall was filled to its capacity several times and the doors had to be closed against throngs seeking admission.

The sales made at this show were another feature, the exhibitors met with tempting offers from all sides, and as one expressed himself to us: "I think I had best go home, or I will never get away from there with any birds." The representative of one of the large egg farms told us their sales would run well

over \$5,000 for the week. A well-known Barred Rock breeder displayed two large pens of cockerels and every one was sold at prices from \$10 up, with the demand far from satisfied.

To the officers and members of the Philadelphia association great credit is due. They were right on the job at all times. To Mr. Henry D. Riley, the double role of president and acting secretary fell. He has seen service before and from all sides we only heard the warmest praise for his work. He is above all a fancier, as well as a most capable man. In Mr. William H. Moore, the vice-president, he had a capable assistant; this is a pair hard to beat, and they enjoy the unlimited confidence of all who know them. Superintendent Ed S. Hickman has had many years' experience and again acquitted himself in his usual and most satisfactory manner. The show was cooped by Spratts, with Mr. Bailey in charge, and every bird was in place for the judges on time.

The Front and Side Lights.

The great Philadelphia show had several features. Foremost of all was the Kellerstrass display of White Orpingtons. Here was seen in all her glory the famous hen "Peggy." This beauty, valued at \$10,000, was shown amid roses and carnations in a splendid coop, and was the center of attraction; in fact, it required the constant efforts of two policemen at all times to keep the great

crowds moving, and to protect her and her display. Close by in an open-front house with a good-sized runway were the thirty females that paid Mr. Kellerstrass a profit of \$3,600 last year. These thirty "Crystal" White Orpingtons, shown the same as if in the breeding yard at home, made a grand appearance; they were alike as could be, and of the very highest quality from every viewpoint.

The Lakewood Farms, Lakewood, N. J., also had a feature display. Lakewood baby chicks are now ready for delivery. The almost unlimited capacity of these great farms has been tested for some years, and we were informed that the season of 1910 would surely break all former records. With again greatly increased capacity they confidently await the call.

Mr. Henry D. Riley as president did not exhibit, but sent down two display pens of his choice Barred Plymouth Rocks. Other displays of particular note were made by Mr. Leslie Jeffries of Black Orpingtons, Messrs. Moore & Hanby of Barred Rocks and Reds, the Newton Producing Company of S. C. White Leghorns, the International Poultry Sales Co., of S. C. White Leghorns, etc.

Mr. H. V. Crawford, secretary and superintendent of the New York show, spent two days at the show meeting friends and resting up. He reported that the late New York show was from every point of view the most successful ever held. Contrary to reports, the Garden has to date not been sold and the prospects are that at least one other New York show will be seen there.

While the class of Buff Rocks was

\$7.55 Buys the Best 140-Egg Incubator Ever Made

\$4.50 Buys the Best Brooder Both Incubator and Brooder, Ordered Together —Cost You Only \$11.50—Freight Prepaid

WHY PAY MORE? Investigate—send your name and address today, the easiest way, by postal or letter. I tell you the prices right here—and how my machines are made. You can have 30 or 60 days' trial on both incubator and brooder—and I'll send all money back if you return the machines to us as unsatisfactory. Be sure to send for my illustrated, free booklet, "Hatching Facts." But, if in a hurry, you are perfectly safe in ordering right now from this ad. Thousands do this way every year. I guarantee to ship all orders sent from this ad on day received—(from warehouse nearest you, freight prepaid.) No disappointments.

Order a Complete 140-Chick Belle City Hatching Outfit. Send only \$11.50

BELLE CITY Incubators and Brooders

I've always given my customers more for their money than any other incubator manufacturer in the world—that's why we do so much business.

Belle City Incubators will hatch more chickens—under the same conditions—than any other incubator made, or your money will be refunded. **This I guarantee.** Double walls—dead air space all over—copper tank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong egg tray—high legs—double door—and everything that's any good on an incubator—all in the Belle City. High-grade thermometer—egg tester—burner and safety lamp included. The Belle City Brooder is the only one having double walls and dead air spaces. I guarantee it to raise more healthy chicks than any other Brooder made. Hot-water top heat—large, roomy, wire runway yard, with platform—metal safety lamp and burner.

Complete Hatching Outfit Only \$11.50

Over 50,000 machines in use—all doing perfect work. The Belle City should be your choice. Send your order now or send postal for "Hatching Facts" booklet and full particulars. **Don't pay more than my price.** No machines, at any price, are better hatchers or brooders.

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Barred Plymouth Rocks
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S. B. & E. B. TWINING
AFTON FARM, YARDLEY, PENNSYLVANIA

very small there were many interested breeders in line as visitors. Among these was seen Mr. John W. Poley. He has shown here for years and his winnings are modern history. This year with his great win at New York he was willing to leave the Philadelphia honors for others to gather. This will not happen again, for Mr. Poley is not the kind of man to step aside and see his favorites suffer.

In Orpingtons William Cook & Sons made a full display and winning grandly in all classes; among their specials we find the following: Championship cup for best Orpington in the show, cup for best buff male, cup for best black female, cup for best white male, gold medal each on best black hen, cockerel and pullet, and special championship ribbon for best American-bred Orpington, won with their white cockerel. This is a great record in any class, and in particular in the Orpingtons.

Mr. Fred Harries, Elmsford, N. Y., was another happy exhibitor in the Orpington classes. Besides winning first White Orpington pullet he was awarded championship cup for best white female, cup for best Orpington any variety and two special ribbons. He also won second white cockerel on a very fine bird of extra shape and well shown.

Mrs. J. W. Holton, Catasauqua, Pa., won first on both cock and hen White Orpingtons with two classy birds. Here dandy form with nearly perfect condition prevailed. We failed to get Mrs.

Holton's list of specials and feel assured that other honors were hers.

Mr. G. H. Crossley, Magnolia, N. J., was awarded second cockerel and second and third pullet S. C. Rhode Island Reds. The second cockerel was a bird of rare color and good form. The pullets were both close up and of extra type, well shown and also of rich color. Mr. Crossley's display of eggs did well.

The Orchard Poultry Pens, Lumberton, N. J., also made a good record on Reds, winning in a good class first, second and third cocks, first hen, fourth cockerel, fourth pullet and first prize pen. All on excellent birds. The three winning cocks made a show in themselves, with the first pen a feature.

The International Poultry Sales Co., Brown's Mills, N. J., displayed their heavy-laying strain of S. C. White Leghorns. This display was a show feature, and they deservedly did a land-office business with sales of both stock and eggs. They have excellent type and size in all their birds.

Elmhurst Poultry Yards, Riverdale-on-Hudson, N. Y., entered but six of their S. C. White Leghorns and won fourth cockerel in a class of nineteen and first and fourth pullets in a class of fourteen birds. When we consider this competition it is surely a splendid record.

Mr. F. E. Gilbert, Lansdowne, Pa., breeder of Black and White Orpingtons, entered both varieties and won on Black Orpingtons first cock, second and third hen, second and third cockerel, second and fourth pullet and third and

fifth pens. On their White Orpingtons Mr. Gilbert won second hen and third pen. These birds were of grand type and very well shown in these great classes.

Mr. Annesley M. Anderson, Morton, Pa., entered a very few of his Rose Comb Rhode Island Reds, and in the best class of Reds shown won first prize pullet with an exceptionally fine specimen. Here type and color were of the best and splendidly shown. He was also well placed on pens, but our records are not complete on pens at this time.

In the White Wyandottes there were so many good birds shown by well known exhibitors that it was difficult to keep tab on all of them. Here we also found Mr. Harry W. Britton, Moorestown, N. J., and on his birds we found the third prize ribbons on both his cock and pen birds. Type prevailed here and we thought the pen very close up to the best.

The Birds and Classes As Seen—Light Brahmas.

Here fifty-seven birds were shown, making an ideal class with several extra quality specimens in both males and females. The first cock and cockerel were both birds of extra merit in shape and markings, while the cockerel in the first prize pen was as good as we have ever seen. In females the same high grade was shown, it was pure and simple—a beautiful display of quality seldom brought together at any show.

Barred Plymouth Rocks.

The largest class at the show with

Pen XII is headed by "Alexis," as a cockerel heading the first young pen at Syracuse, 1907. This bird has been a grand breeder, and I can always count on good chicks from this pen. He is mated to the hens in the third pen at the same show and six other snow white hens.

Pen XIII is headed by "Blocky," first pen cock at Syracuse, 1908. In commenting on this bird just about as near the standard in type as it is possible to get. He is a son of Regal III, and much like him in appearance. He is mated to nine fine Regal females including the first, third and fourth Canadian National pullets, 1906.

Pen XIV is headed by "Invincible," first pen cockerel, Syracuse, 1908, a very white and good shaped bird. He is mated to ten large blocky pullets, including the second Syracuse pullet, 1909, and four of her sisters.

Pen XV is headed by Victor II, second Ontario cock, 1908. He is one of my best breeders, and last season sired some of my best pullets. He is mated to the pullets in third Syracuse pen, 1908, and the third, fourth and fifth pullets in the open class, also first and third Canadian National hens, 1906.

Prices of eggs (as they run) from these fifteen prize matings are \$5 per 15, \$9 per 30, \$12 per 45, \$24 per 100. In filling orders for settings at these prices I try to give eggs from as many pens as possible, and, of course, some of the eggs will be selected from pens V to X.

Pens V, VI, VII, VIII, IX and X are special matings. If eggs are desired from these pens, only, the price is \$10 per 15, \$18 per 30, \$25 per 45, \$50 per 100. In ordering eggs from special matings I leave the selection as nearly as possible to yourself, but I will ask you not to choose too many from any one pen.

Guarantee.

From Pens I to XV I guarantee nine chicks to a setting. If less than this number hatch, I will furnish another setting at half price.

Duty.

In importing eggs or fowls into the United States there is a duty of 5 cents per dozen on eggs and 3 cents per pound on fowls. This is only a nominal charge and is paid with the express charges. Shipments go right through without any delay whatever.

Orders Filled in Rotation.

While I make every effort to fill orders promptly, it is often impossible to do so, and would suggest that you have your orders booked as early as possible. The payment of \$1 per setting on \$5 per setting eggs, or \$2 per setting on \$10 eggs, will secure your place and you can send the balance when you are ready for the eggs.

Free: Send for 12-page mating list.

MARTIN'S REGALS

Mating List for 1910

Pen I is headed by "Triumph II," first New York State Fair cock, 1909. He is very blocky and white and carries a very neat head. He is mated to ten large early pullets, including the pullets in the first and fifth New York State Fair pens 1909. This is a very strong mating.

Pen II is headed by "Victor," second New York State Fair cock, 1909. This is a grand bird, and many liked him better than the first prize cock, Triumph II. He had elegant lines and is absolutely white. He is mated to the pullets in the second and fourth pens at the same show. They were hatched very early and are now fully as large as hens.

Pen III is headed by Crusader IV, first pen cockerel, Syracuse, 1909. He is a worthy son of Crusader III, and gives excellent promise. He is mated to ten fine large hens of good shape and color. Four of them were winning pullets at Syracuse, 1907, and four of them were in the third Syracuse pen, 1909. All have that fine, blocky Regal type.

Pen IV is headed by "Best Son," second pen cockerel, Syracuse, 1909. At the time of the show there was some sap in his plumage, but since then he has matured into a grand bird, white as snow, round as a ball and at least a pound over weight. He is mated to the hens in the first and second pens, New York State Fair, 1908. Chicks from this mating are sure to show quality.

Pen V is headed by Regal VI, first cockerel at New York State Fair, 1908, and three months later he scored an easy victory in a class of fifty-five of the best cockerels ever brought together at any Canadian show. Judge Tucker said he was the best cockerel he ever handled. This past season he headed the first pen at Syracuse, and was third at Boston (shown in poor feather). He is a son of Regal IV, and in type and color would be hard to improve. He is mated to the four hens in the pen with him at Syracuse, 1909, the first and second Ontario pullets, 1907 (sixty-three in class), and the second, third and fourth Boston pullets, 1910. This is one of my very best matings.

Pen VI is headed by Regal IV, first Boston cock and world's champion 1907, winning special for best bird in the show (5,000 birds on exhibition). He is mated to seven of his last season's mates. These hens have all been winners at the Canadian National Exhibition and have proved their worth as breeders. Hundreds of exhibition birds have been produced from this pen in the past two years.

Pen VII is headed by the phenomenal cockerel, Regal VII, first prize winner at New York State Fair, 1909. He is an almost ideal bird, splendid shape, with full breast and broad

back, so much admired in a Wyandotte. He is white as snow, almost perfect head points, and the finest shanks I ever saw on a Wyandotte, being very stout, just the right length, and magnificent color. He is mated to the hens in the first Syracuse pen 1907; also six others, very similar in type. This pen should produce some of next season's winners.

Pen VIII is headed by Crusader III, first Syracuse cockerel, 1907. He is one of the best Wyandottes I have ever seen, being all curves, extra large, pearly white and almost perfect in head points. In fact, he might well be taken as a standard model. He is mated to ten choice females, including first and second Ontario hens, 1907; first, third and fifth Syracuse hens, 1907, and three of the hens in the first Syracuse pen, 1908. This pen last season produced a large number of cockerels that sold for \$25 to \$75 each. Crusader III also sired my first, second and third Ontario pullets (sixty-six pullets competing), which proves that exhibition cockerels and pullets can be produced from the same mating.

Pen IX is headed by Regal V, first Ontario cockerel, 1907 (class of sixty-one cockerels), and first New York State Fair, 1908. He is large, short in back, low set, spread tail, and with all the curves; in fact, a Wyandotte all over. He is mated to the first, second, third, fourth and fifth Syracuse hens, 1908; second Boston pullet, 1907, and the first, second and third Ontario pullets, 1908. This is one of my very best pens.

Pen X is headed by Young Champion, first prize cockerel at Madison Square Garden, 1910, in what was conceded to be the strongest class of cockerels ever shown there. This cockerel is absolutely silvery white in plumage, deep breasted, with very broad back and saddle. He has almost perfect head points and splendid leg color. In addition, he is a large bird, and I look for him to give grand results in the breeding pen. He is mated to the pullets (now hens) in the first and second pens at New York State Fair, 1908, and the first and second Syracuse pullets, 1908.

Pen XI is headed by Triumph, first Syracuse cock, 1907; weight, 10 pounds. He is one of those blocky, full breasted birds that everyone admires. Although he is large, he has a very small, neat comb and his color is fine. He is mated to eight fine breeding hens, most of them Ontario winners. They are all large, with wonderful depth of body.

John S. Martin, Box 51, Port Dover, Can.

ORPINGTONS

Kellerstrass Strain "Crystal" White Orpingtons, the big egg layers. Send for our new 1910 mating list, the greatest mating list we've ever issued

KELLERSTRASS FARM
R. F. D. 1, BOX 98, KANSAS CITY, MISSOURI

ELLENWOOD POULTRY FARM

ROSE COMB AND SINGLE COMB "CHAMPION" RHODE ISLAND REDS

ARE STILL IN THE LEAD, this season our winnings proved that our quality excelled, having won more firsts regular and special prizes than all our competitors combined, at four of the leading Red shows of the year where we met and defeated the best of the past season's production in the hands of the leading breeders of the continent. At the Great Mid-West Show held in Chicago where the club meeting was held this year, we won three of a possible shape specials, thus proving our quality superior, and then to finish the season at the RECENT BALTIMORE SHOW where in competition with nearly 250 REDS we won nine out of a possible ten firsts, three Silver Cups, and 15 other REGULAR and SPECIAL PRIZES. Our matings this season surpass any of our former, so if you want the best in the world do not fail to get your EGG ORDER to us in time for early delivery, you will profit by doing so, as our prices will be one-half our Catalogue price during February, just the time for you to get out your pullets and cockerels for the FALL SHOWS. This will enable you to rank with the LEADERS this coming season. Catalogue and Mating List mailed upon request. A GRAND LOT OF COCKERELS STILL FOR SALE AT REASONABLE PRICES.

Chas. W. Lord, Manager, Hatboro, Pennsylvania

EGGS **Columbian Wyandottes** EGGS

Hewitt's Bred to Lay Strain of Large Brown Eggs—Prizes won at St. Louis, Pittsburg, Washington, D. C., Altoona, etc. This breed is thrifty, hardy, matures early, Winter layers. Beautiful, profitable. I have no trash. 25 years a breeder. Eggs, \$2 for 15, \$6 for 50, \$10 per 100, from yards 3, 4, 5 and 6. From yards 1 and 2, \$3 per 15 straight. Write your wants. Circular free. Mention this paper. Homer H. Hewitt, Williamsburg, Blair Co., Pa.

Skinner's Exhibition Wh. Wyandottes

Large blocky, stay white kind. At the Aurora Poultry show from January 4 to 8, 1910, my winnings were 1st cock, first, second and fourth cockerel, first, second and third hen, first and third pullet, 1st pen

Frank E. Skinner :: Sandwich, Illinois

S. C. White Leghorns

SNOW FLUFF STRAIN—In originating and improving our strain only birds of highest standard type and greatest laying qualities as shown by accurate individual trap-nest records were used. As a result today we have not only one of the greatest prize winning strains in the world, but are unequalled in egg producing qualities. We won 1st pen Cleveland '08 and again in '10. Eggs for hatching (containing 1st prize pen 1910), \$5 15. Other grand pens of highest excellence, \$2 per 15; \$12 per 100. Incubator, \$8 per 100. Satisfaction guaranteed.

White Feather Poultry Farm :: Rocky River, Ohio

R. C. R. I. REDS

Winners at Rockford, Illinois, show, beautiful silver trophy cup for best display of Reds, either comb, decided by points. I had best Red female for shape and color in show room. Baby chicks and eggs of a fine bred strain of Reds. Prices and mating list ready. Drop a postal for it today.

G. J. Boehland, P. 33, Rockford, Illinois



Divinia's Exhibition Barred Rocks

I am offering the cream of the season's crop of grandly bred chicks, all rich in the blood of Boston, Madison Square, New York, and Missouri State winners. Both cockerel and pullet bred birds, large and full of quality. My new annual catalog free for the asking, illustrated with tone to life photos.

S. T. Divinia Route 2A St. Joseph, Missouri

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THOMAS BROTHERS COMPANY

1227 BEACH STREET

PHILADELPHIA

BARRED P. ROCKS

THE RECORD BREAKERS

At Chicago in the strongest competition west of New York City, on one entry I won third pen, one of the three most coveted prizes.

At Milwaukee, 1910. On pullets, 1, 2, 4, 6, 7, 9, 10; hens, 2, 3, 4; cockerels, 3, 4, 7; pens, 1, 3; special for best display Barred Rocks; special for best cockerel and pullet; special for best pen; in fact, all specials but one.

At Kenosha, Wisconsin. One of Southern Wisconsin's best shows, I won 1, 2, 3 and 4 pullet, 1, 3 and 4 cockerel and 1 pen.

At Waukesha, Wisconsin. Entered six birds and won 1 cockerel; 1, 2, 4 pullet; 3 hen, 1 pen.

Still have a few of those choice pullet-bred cockerels that I will close out at less than half their value. Satisfaction or money back.

EGGS

\$5 per setting; two settings, \$9; three settings, \$12. From special mating, \$8 per setting. If you want something extra good, write me and mention American Poultry Journal.

Geo. H. Bie, Racine, Wisconsin

174 birds shown. Here were seen several old-time favorites with some new ones that bid fair to equal the best. The nineteen pens shown were as a rule well mated and were a show in themselves, here as well as in the single classes close picking was found and the winners we considered extraordinary birds.

Cocks. First, a beauty in color and barring and with ideal head points. Second, of grand form and sound color, failed just a mite in finish of tail. Third, a strong cock of good form. Fourth, a grand quality bird, not quite at his best here. Fifth, good in form and grand color.

Hens. First, a grand hen of ideal form, proper color and extra clean cut barring. Second, in shade of color and barring one of the very best, well shown and a most valuable hen. Third, an old winner of note, has been placed here for three years, shown here in partly short feather. Fourth, another with a record, was first pullet last year. Fifth, a very good and clean cut hen.

Cockerels. First, snappy barred, good form and very clean and sharp under, this with proper shade makes him one of the desirable kind. Second, very clean barred and up in every quality, tail short and we thought him past his best show shape in condition. He also wins the shape special. Third, a great cockerel of good strong color, and well finished. It was a close question between these three winners. Fourth, another extra one in type, not quite as closely barred. Fifth, a little young, still one of the best in both form and color.

Pullets. First and second, of the same type and beautiful color and barring. Third, another good one up to all demands. Fourth, great in barring; shown not fully matured. Fifth, also a hot one with every promise.

Pens. First, headed by a grand male. Type good, color and barring extra, the four females of grand quality and well mated. Second, male a little past his best, the females all of rare quality. Third, close up and well shown. Fourth, male very choice, females well mated and of fine quality, but not shown at their best here. Fifth, male good, nice head, females even and well shown.

White Plymouth Rocks.

Were a rather small class for this popular variety, last year it was one of the best at this show. The quality was good, however, and the winners well placed.

Buff Rocks were a real disappointment as far as entries went, and the question was, has Poley scared them all out. We look for larger classes in both White and Buffs next year. With the grand line of specials that the Philadelphia Association offers on all classes, there is no excuse for light entries in any class.

Columbian. Partridge and Silver P. Plymouth Rocks were all good classes, shown well. In each several grand specimens were shown and they attracted much favorable attention. The winners in each class were extra quality birds, and each class had others close up.

White Wyandottes.

Were one of the best, as well as one of the largest classes shown. Here quality was superb, with many noted former winners in line. The general condition of this class received favorable comment, which was second only to the quality found here. Mr. A. J. Fell, not



fully satisfied with his grand record made at the late New York show, entered a full string and again bore off the honors; he had the goods and his win was well won.

Cock. First, ideal type, grand head points and extra condition, form of back. Breast and tail extra. Second, of same type, with every quality strongly shown. Third, fourth and fifth, all three very good and ran well.

Hens. First, one of the best ever seen, type excellent, with beautiful back and breast, grandly shown. Second, good type, fine back and color. Third, close up, with extra head and condition. Fourth and fifth, both well shown and of very good quality.

Cockerels. First, excellent type, with extra back and tail, perfectly shown. Second, looked extra good to us. Third, close up, with grand finish. Fourth and fifth, both clean cut, of grand type, with excellent condition.

Pullet. First and second, ran a close race for honors, both to our mind worthy of any and all favors. Third, very handsome back and tail. Fourth and fifth, well shown and very good ones.

Pens. Were a grand lot all through. First, of exceptional merit, grandly mated and shown. Second, also well mated and shown; this was the general rule with all. Combs and eyes were strong, with general good type.

Buff Wyandottes.

The Buffs were a rare class; here beautiful type prevailed, closely followed by color of the proper shade. The Buffs so had with clean wings and sound tails, and with the correct Wyandotte type, form a bird of rare beauty

as well as quality. One we hope will ever receive popular favor.

Columbian Wyandottes.

A splendid class of this variety was seen here; good quality with improved



Winner of fourth and shape special at St. Louis, December, 1909. Bred and owned by W. D. Lipe, Litchfield, Ill.

type was the rule. Next to type, the neck markings looked well, closely followed by quality in both wings and tails. The winners were very choice birds and well placed.

Single C. R. I. Reds.

Not as large a class as we had hoped for with the long list of specials offered. The birds shown were of a good grade. The winners excellent in shape and color.

Rose C. R. I. Reds.

A large class and of splendid quality. It is seldom that we see so many good birds of this variety at any one show. The judge here had plenty of work, and in particular in the cockerel classes, where thirteen were shown and all with merit. It is our opinion that the winners were very well placed. Type and color were closely followed by head points in all this class.

Silver Gray Dorkings.

It is always a pleasure to see these old favorites at the shows. They were well shown here, also at New York and Boston. We believe they are gaining in popularity, which they grandly deserve, and that the future shows will all give us larger classes of this quality breed.

Single C. Buff Orpingtons.

All the Orpingtons were good classes of upward of fifty birds each. In Buffs sound color with excellent type prevailed. The weaknesses usually found in wings, tail and neck are nearly a thing of the past as concerns the birds met with at the large shows; progress is the word here.

The first cock a wonder; he pleased us greatly, as did also the second and third, all shown at their best. First hen, grand type and head. All five winning cockerels close up, as were also

WILLIAM COOK & SONS

—ESTABLISHED 1873—

Originators of All the Orpingtons

Box A, Scotch Plains, New Jersey



First Prize S. C. Black Orpington Cockerel, Madison Square, 1910, owned and bred by Wm. Cook & Sons, Scotch Plains, N. J., Originators of all the Orpingtons.

AS USUAL---We won many times more firsts than any Orpington breeder at Madison Square, 1910---thirteen first prizes. In six showings at Madison Square, we have won 103 first and 70 second prizes, more than seven times as many firsts as any other Orpington breeder. These are convincing facts that we have the best in the world and is why we are recognized headquarters for the best Orpingtons, all varieties. Many other winners were sold by us or hatched from our eggs. Over 12,000 first prizes won by us.

Sooner or later you will buy from us. Why not now and avoid disappointment and waste of money?

Send 6c for Our Illustrated Catalogue

containing history and origination of all the Orpingtons, valuable hints on poultry keeping and mating list.

EGGS---From our winners and the finest Orpingtons in the world, \$20.00, \$10.00 and \$5.00 a setting.

We guarantee safe delivery and satisfaction on everything we ship and this is backed by a reputation of thirty-seven years' standing, this means something to you. Advice free. Inspection cordially invited. Trains met. Several thousand stock birds always for sale.

BREEDERS; \$10 TRIOS, \$6

S. C. Buff Leghorns and R. I. Reds. To make room for Spring matings, I will sell about 50 trios of S. C. Buff and Reds at \$6.00 per trio, which are actually worth \$10.00. Cockerels, \$2.00 to \$3.00 each. Show birds a matter of correspondence. Eggs, \$1.50 per 15; \$2.50 per 30, from eight select pens. 328 ribbons and specials in five years.

Woodlawn Poultry Farm : Kirkwood, Missouri

SHANN'S S. C. BLACK MINORCAS

Won at the Youngstown show, January 10-15, 1910, in strong competition, 1st cock, 1st and 2d hen, 1st and 2d cockerel, 2d and 3d pullet and 1st pen and two cups for best display. Bred for beauty, size and egg production. Prize winners for 1910-11. Eggs, \$3 and \$5 per 13. Satisfaction guaranteed.

H. J. SHANN - - - PAINESVILLE, OHIO

Parmenter's S. C. W. Leghorns

First prize winners Chicago and Springfield, Ill., 1908-9. At the recent great Mo. State Show, St. Louis, in a very large and hot class we won second and fourth cockerel, second pen and third cock. If in need of high class exhibition or utility stock, send me your order. I can do you good and will treat you right

Robt. D. Parmenter - - Knoxville, Illinois

Golden Wyandottes

Prize winners. Have some choice exhibition birds now ready to ship. Eggs from choice mating. Write for prices.

Phil Farren - Columbia City, Indiana

White Rocks

My birds were winners at Baltimore, 1910, in a hot class of White Rocks. My first prize pen was conceded the best ever shown here. These winners and others equally fine will be in my breeding pens. I sell you the same eggs from which I hatch my winners. Some fine specimens for sale. Write for prices.

A. R. EARLY : : ROSLYN, MARYLAND

THOMAS' WHITE ROCKS

Win at Akron Show, 1910. Second cockerel, first and second pullet, second and 3d cockerel and first pen. My first pen was pronounced by judge to be best pen in show. Also won special for best display. Write for prices on eggs from select matings of line bred, trap nested stock.

James R. Thomas : East Akron, Ohio

Champions of the West

200 Barred Plymouth Rocks for sale. Direct descendants of **Barred Right and Just Right Champions of Chicago Show, 1906 and 1907.** Exhibition males and females for sale. Send for circular and state what you want.

Geo. A. Heyl - Washington, Ill.

Successor to Dr. O. P. Bennett - Having purchased his entire flock

Buff Rocks

At the big Missouri State Show held in St. Louis, December 11 to 16, won cash special for best display, State Club cup given for best cock, cockerel, hen and pullet, 2d and 5th cock, 3d, 4th and 5th hens, 2d pullet, 4th pen. Winners in our largest shows for the past fifteen years. Show birds and breeders for sale. Send for booklet.

E. L. Delventhal Buff Rock Specialist **Box A, Warrenton, Mo.**

the winning pullets. The first pullet a rare beauty.

Single Comb Black Orpingtons.

The largest of the Orpington classes seen here. In these competition was fierce. A hotly contested class of great merit all through. The winning males were excellent in type. The fourth prize cock will surely do better when at his best, his type is right. In first hen was seen a superb specimen at her very best, sound in color and beautiful form. First cockerel has every promise of future success, his type and color are exquisite and carriage perfect. Other males very nice and close up, as were also the winning pullets; nothing was lacking in them.

The six pens shown were grandly mated for size, shape and color, and formed a grand class from every point of view.

Single Comb White Orpingtons.

With the Kellerstrass White Orpingtons as the feature display of the show (for exhibit only), it can well be imagined that the regular classes of this variety received much attention from the public. They were also well shown and completed a beautiful display of this, the most popular of the English varieties.

First cock, a grand, large bird of shape and color. Second, close up and very desirable. All the winning hens were up in quality, while we thought the cockerels were about as good a class as we have seen. The first pullet came in for many honors, and she was worthy of all.

Single Comb White Leghorns.

In Leghorns grand classes were shown in all varieties. While the S. C. and R. C. Brown classes were not as complete as we would like to have them, they contained quality nevertheless that was good to see. The head points of the males were noted here in particular.

The S. C. Whites formed a large and strong class, as is usually the case with this popular variety. The first and second cocks and the first cockerel were beauty males of type, size and color. First hen and first pullet were also of the best and grandly shown. The other place winners were all of high grade and well placed. The pens were finely mated; here in the three winners extra fine males were seen.

In R. C. White and S. C. Buffs the classes were only of fair size.

S. C. Black Minorcas.

This was another large class. The Minorcas shown this year at all the large shows clearly prove their popularity. Splendid quality and shown in good numbers has been the rule, and when we consider their worth, along with their beauty of form and color, we can only express the hope that they will always receive the favor due them. Here the winners in all classes were exceptional birds, with size and type prominent. Color also came out strong, with head points closely following.

R. C. Black Minorcas were rather shy in numbers, excepting in cock birds, of these four classy birds were seen. The other winners were good.

Blue Andalusians.

Just thirty-seven birds of this variety were in line, making a most desirable class, with size and color the ruling features. The winners in both males and females were fine specimens.

The Polish and Hamburg classes were

small for this show. This was a surprise for us, and in particular when we consider the long list of specials offered on these classes.

Houdans.

This was one of the real classy exhibits, with forty-seven birds shown. The judge here was the Rev. C. E. Peterson, Bridgeton, Me. One of our oldest and best known breeders and judge of this variety. He did a splendid job and received many congratulations. We are free to say that he knows the Houdans from A to Z and is the author of a popular book on this variety that every breeder should have.

First cock was a hummer and shown at his best. First cockerel has every promise of a successful life and a great winner. The other winnings were good and in many cases close up in all quality. The females also formed a grand collection, good to see.

Bantams.

These were shown in a complete variety and as a rule in good classes, making a very pretty display. The Golden Seabrights in particular showing in strong classes and fine birds.

Turkeys, Etc.

Turkeys and ducks were shown in all the popular varieties. The Bronze and White turks proving the favorites. Pekin ducks led in the water-fowl classes, with the first young drake one of the best we have seen.

Pigeons.

You can always see a grand pigeon display at Philadelphia. This year 1,325 birds were shown in complete classes. The varieties of carriers was a beauty to see. In Dragons 252 birds were seen at their best. One hundred and one Tiplers made another good class, while 191 birds completed the hen pigeon entry.

Philadelphia awards carry with them a guarantee of merit that for advertising ranks with our best. Meet us at Philadelphia's next. H. P. Schwab.

ROUP AND REMEDY.

Symptoms.—At first a hoarse, croupy voice, red and watering eyes, obstruction in throat and head, red comb and gills, wet or dripping nose and mouth and usually great swelling of the eyes soon sets in, and sore mouth and throat may follow in a few days, even when the early symptoms are light. Two or three of these symptoms will determine it a case of roup.

As soon as the disease appears, lose no time, but separate the sick from the well to warm, dry quarters. Remove the mucous from the nostrils and corners of the eyes with a good wash of peroxide of hydrogen. After the head is clean, rub with fresh lard and a few drops of turpentine. For the throat use a feather as a swab and use the same mixture in a melted form. After the sick are treated look after the well and remove the cause. The disease is more easily prevented than cured. Spray the roosts with a mixture of crude carbolic acid and water, scatter air-slacked lime in all crevices and about the floor.

Scald the drinking fountains and give fresh water twice a day. Fowls do not drink much water, but they drink often, and they should not be compelled to drink from stagnant pools or filthy fountains, where disease germs exist.

Barred Rocks, Toulouse Geese, Bronze Turkeys and Pekin Ducks

My yards now contain first Barred Rock cock; second and fourth adult Ganders; first, 2d and third adult Geese; first and second young Ganders; first and second young Geese; also fifth Pekin Drake. Stock and eggs in season.

Gus A. Lengfelder : R. F. D. 9 : Mt. Vernon, Illinois

:: H. Cregar & Sons' Golden Rod Strain ::

S. C. Buff Leghorns

At Springfield, Illinois State Show, 1910, first cockerel, first and second pullets, first and second hen. Boston, 1910, fourth and sixth pullet on three entries and fourth pullet was highly complimented for shape. Our pens contain our Chicago 1908 winners, also winners at Boston, St. Louis and Indianapolis. Our entire stock of S. C. White and a few good S. C. Buff breeders for sale. Send for circular.

H. CREGAR & SONS : JACKSON BOULEVARD : FOREST PARK, ILL.

Bateman's Black Langshans

WORLD FAMOUS WINNERS—At the late Chicago show they won a large majority of prizes and every special on males. They have won more premiums at Chicago in the last ten years than any other strain. If you are looking for quality in stock or eggs, I have it. Write me for prices.

JESSE T. BATEMAN : BOX A : WAVERLY, ILLINOIS

S. C. BUFF ORPINGTONS

Winners of 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, cup and display at the great Missouri State show, St. Louis, December, 1909. Also four out of a possible five firsts, Ill. State Fair, 1909. Booking egg orders.

L. H. Eldridge - Box A, Bradford, Illinois

ORPINGTONS

Single Comb Buff, Black and White

We can supply you with high grade exhibition birds bred from our famous champions, who took the highest honors in their class at New York, Boston, Cleveland, Allentown, Hagerstown and Trenton.

Choice
Cocks, Hens,
Cockerels,
Pullets

1910

Grand
Utility Stock
Hatching Eggs
in Season

Write for our new Illustrated Catalogue just out, address

Sunswick Poultry Farm
Inspection Invited

: South Plainfield, New Jersey
Rufus Delafield, Owner
Trains Met



First Pen Cockerel of Cleveland, 1909

COVERT'S

Narrow sharp barred fellows won in the great Coliseum show at Chicago, December, 1909, in competition with 239 birds in class, 2d hen, 3d cockerel, 3d pullet and 2d pen. Shape special on male. At Cleveland, 1909, won four regulars and color special on female on five entries. Choice breeding cockerels, pairs, trios and pens, also pullets that will breed prize winners at popular prices. Satisfaction guaranteed.

COVERT'S BARRED ROCK FARM
WILLOUGHBY : OHIO

THE BUFFALO SHOW

THE great Buffalo International show is now a matter of history, and in poultry show history will occupy several of its brightest pages. We could write pages and then feel as if but half was told, and our duty but half done. There was so much to see and so much doing that it required private secretaries and note books to keep tab on all engagements.

The members of the Buffalo Association, from the president down, each and every one, did their utmost to attend the wants of all. No set of fanciers ever worked harder, nor more successfully. This association has built well, far better than even they know, and they have given the whole world an example of what can be done in both holding a show and entertaining.

The entries in poultry numbered 2,315 birds, 1,196 pigeons, 210 songbirds and eighty-three entries of pet stock. This, with the display pens of rare birds and the duck pond with a collection of fancy waterfowl, brought the grand total well over the 4,000 mark.

President Soverhill, ably assisted by Vice President J. Thomas Harp, and Directors Mesner, McNeil, Dr. Merkley, Landel, Roth, Young and others, were in evidence all the time, looking to the wants and care of the exhibitors. But to Secretary C. J. Standart and to Superintendent George H. Burgott we take off our hats with pleasure and pride. Here were the two officials upon whom the general success greatly depended; each had his many trials, and each fully met every condition in a manner to his credit.

The one particular feature of the show was its international scope. Of 382 exhibitors sixty-three came from Canada, and this explains much of the competition seen here. Here was seen Wm. McNeil, of London, also Dick Oak, the Star of the North; Dr. McRae; I. K. Millard; Wm. Ferguson; G. A. Robertson; Hugh A. Rose; Wm. Barber; J. L. Brown; C. J. Whitney and others of note that personally and by reputation are well known here. Here were also entered birds from seventeen

states, which fully tells the drawing power of the International, with promises for the future.

Ten national and state club and association meetings were held here and all well attended. At the annual meeting of the American Plymouth Rock Club Mr. C. H. Welles, Stratford, Conn., was re-elected president, and Mr. A. C. Smith, Waltham, Mass., was re-elected secretary and treasurer, also receiving a special vote of thanks for his work during the past year.

The banquet on Thursday evening was attended by 200 poultrymen who, with a full band, marched from the show to the Statler hotel. Here we found an elegant program arranged, and besides the good things to eat there was music, song and speeches. For this occasion Dr. Merkley wrote a special song that was rendered by a quartet and proved the hit of the season. With Mr. J. Thomas Harp as toastmaster, and in his best form, nothing was left undone. Addresses were made by Messrs. Harrington, Urban, Alexander, Rice, McNeil and others. When Mr. McNeil stated that Buffalo and Canada can beat the world in putting up a chicken show he hit the mark and received long and hearty cheers. Also when Mr. Urban said that a dozen fresh eggs sent to a sick friend were better than American Beauty roses he was also accorded the plaudits of all present.

Mr. Geo. Urban, Jr., was very much in evidence with a pleasant word for all and all the time something new. His greatest care was to have everybody happy. As an entertainer Mr.



Reynolds' S. C. White Leghorns

At the Mid-West Branch American Poultry Association meeting held at Cedar Rapids, January, 1910, won 1st and 2d pen; 1st ten; 1, 2, 3, 5 pullet; 2, 3, 5 hen; 2, 4, 5 ckl.; 2, 4 cock; silver medal best ckl. belonging to member A. P. A.; special for best cock, cockerel, hen and pullet; silver cup for best display. Eggs, setting of 15: 1st pen, \$10; 2d and 3d pens, \$5; 4, 5, 6, 7 pens, \$3; special mating for color, \$10.

E. M. Reynolds, 119 1st St., Cedar Rapids, Iowa

Lamon's Northern Raised White Rocks

"THE HARDY KIND"

Raised in this northern Adirondack country have the constitutional vigor which has produced the most beautiful plumage on any strain of White Plymouth Rocks in the world today. Hence the name, "The Hardy Kind."

My Fourth Prize Pen Cockerel at Boston, 1910

will be mated to four females extra large in size, chalk-white in color, bright red eyes, rich yellow legs, low, even serrated five-point combs, full deep breasts and long, broad backs with low-carried, well-spread tails.

EGGS from this superb mating \$10 per 13 straight; other extra quality matings, \$5 per 13; \$9 per 26.

I am the Originator of the Rose and Single Comb Buff Bantam and will spare a limited number of eggs from these little beauties at \$10 per 13. Send for my circular and list of testimonials of satisfied customers.

Harry M. Lamon : Box H : Adams Center, New York

Urban is a royal host, and on Friday entertained about fifty visitors at his home. At this banquet the members of the Buffalo Association presented to Mr. Urban a silver loving cup. Mr. Eugene Harrington made the presentation and Mr. Urban replied with words of feeling.

Mr. Theo. Hughes came all the way from Cleveland to have a day at this show. His recent success in pulling off at Chicago the best of years and again of placing the association on sound financial basis had preceded him and his visit was one grand reception all the time.

Seen and Heard Around the Show.

It remained for Mr. Henry D. Riley, Stafford, Pa., to make the show record on Barred Rocks. As usual, this variety led in quality and numbers. Here were birds from several states, also Canada's best, competing for international honors. In this class Mr. Riley won first cock, first, third and fifth hen, second cockerel, second pullet and first pen, also the National Club cup for best cock, hen, cockerel and pullet. The gold special for best display and several others of note. Mr. Riley's birds were shown in grand condition, his second pullet only showing signs of having passed her best form and was laying. His winning hen was the equal of any seen this year and when we consider the fierce competition found here we can well say his record here is a remarkable one.

Mr. I. K. Millard, Dundas, Ont., the man that makes them step some at the "Ontario" each year, ventured over, and took back home not only the blue on first cockerel, but two silver cups and other specials. We would like to say d—— it, but won't, as his winnings were richly deserved. They are third cock, second hen, first cockerel, third and fifth pullet and second pen, cup for champion male, cup for best cockerel, club special for color male, gold special for second display, etc. Mr. Millard has been one of Canada's best Barred Rock breeders for many years. His winnings at the great "Ontario" would fill pages, while the cups he has won that we have seen at his home have long ago passed the capacity of his cabinet.

Mr. John Hayner, Livingston, N. Y., entered but two birds and won first pullet and third cockerel. His first pullet was a gem, grandly shown and a great winner. She also won both female color and shape specials; her shade of color, with style of bar is all we could desire, in form ideal, her full breast, round and full, handsomely barred, was good to see. Third cockerel has about every quality and is a grand bird. Mr. Hayner stayed the week, making friends on all sides and reported several fine sales in both stock and eggs. He has exhibited for years at Madison Square Garden, N. Y., with good mention each year. Both he, and his birds are well known to the fancy, with excellent reputations.

Another exhibitor we were pleased to meet here was Mr. Coverts, of the Coverts Barred Rock Farm, R. R. 2, Willoughby, Ohio. His winnings in this great class were fourth cock, fourth hen, fifth cockerel and third pen. He was also awarded the gold special for best shaped male and some others. While this line clearly shows the best of quality and breeding, it should be

Our Motto: "Please Our Customers." Prize Winning Poultry Bred at

OAKLAND POULTRY YARDS

WM. C. BOWMAN, Manager

At Trenton Country Club : : Trenton, New Jersey
White Wyandottes and S. C. White Leghorns Bred for Size and Superior Egg Production

Silver Laced Wyandottes

WE LEAD, OTHERS FOLLOW—At the great Hagerstown Show, in one of the strongest classes of Silvers ever brought together, we won first and third pullet and fourth cockerel on four entries. Our winning pullet was pronounced by leading authorities to be one of the best birds ever bred. Eggs for hatching from the grandest matings at \$3 per setting. We still have a few choice cockerels in Silver and White Wyandottes at \$3 and \$5 each.

WERTZBERGER BROTHERS : CARE MERCHANTS HOTEL : ALTOONA, PENNSYLVANIA

Mains' Mottled Anconas

Are winners. Special bargains in cockerels. Breeding pens mated for results. Exhibition birds and eggs, my specialty. All stock raised on free range and bred for quality, utility and vigor. Satisfaction guaranteed. For particulars, write and mention A. P. Journal.

Frank W. Mains, Morris Plains, New Jersey

Henson's S.C.R.I. Reds

My birds have always won at Cleveland, Lorain and Elyria in hot competition. I have got a few choice cockerels for sale. Eggs, \$3 per 15; \$5 per 30. All stock and eggs guaranteed. :: :: :: :: :: :: :: :: :: ::

R. Henson

R. F. D. 2

Oberlin, Ohio



"HILLSON'S BAR-LETS"

Hold the World's Record at Buffalo, 1909. Four (4) first prizes: 1st cockerel, 1st, 2d hens, 1st, 4th pullets, 1st exhibition yard. My 1st cockerel champion of Buffalo was the center of attraction, being admired by thousands of visitors, and claimed by all Barred Rock men to be the finest specimen produced to date. Only high class birds and eggs for sale. No cheap stock. Matings for 1910 are unsurpassed. A limited number of eggs at \$5.00 per setting straight. Grand circular.

GEO. W. HILLSON, HYDE PARK, NEW YORK
POULTRY DEPT VANDERBILT ESTATE



WHITE ORPINGTONS

Winners at Crystal Palace, New York, St. Louis shows, Kentucky State, Blue Grass and Scott County Fairs and other shows. We have the birds that have quality. Exhibition and high class breeding stock for sale. No pens reserved. I will sell you eggs from my selected matings containing all the above winners. Let me book your orders early. Write for prices. :: :: :: ::

Louis Lee Haggin

RUSSELL CAVE POULTRY YARDS
LEXINGTON : KENTUCKY

FIRST PRIZE CK'RL MISSOURI STATE SHOW DEC. 1909
BRED AND OWNED BY RUSSELL CAVE POULTRY YARDS
LOUIS LEE HAGGIN Prop., LEXINGTON, KY.

mentioned in justice to Mr. Coverts that he has made other shows this season and some of his birds were just past their best show form. At the late Chicago show in a class of 239 he won second hen, third cockerel, third pullet and second pen, the male shape special, etc. We have met this line before and know Mr. Coverts to be a careful breeder. He has made a great record this year at two of our best shows and we look with confidence for his future success.

In White Rocks was found the king of the show in first prize cock, owned by Mr. Geo. Urban, Jr., of Buffalo. He was awarded the gold medal for best bird at the exhibit, with seven judges present. Mr. Urban also won second and third hen, second cockerel, and third on pullet and pen. In Anconas he won three firsts and three other places and five ribbons in Black Langshans.

Mr. C. J. Whitney, Galt, Ont., also made a most credible showing in White Rocks, winning second cock, fourth hen, second pullet and first pen from this

A. P. A. meeting, at which this variety was admitted to the Standard. This will surely become one of the popular varieties, for in them we believe merit is combined with their unusual beauty that will win for them a place among our best practical birds.

Dick Oak, of London, was there with a complete line of his invincible Hamburgs, also Jap. R. C. Black, Polish and Seabright Bantams. Over at Guelph they call him Dick's Oak's, probably because he is strong and good natured. While here he won our money and the good will of all and we can well say come again, we want more like you.

In Buff, White and Partridge Cochins Mr. Hugh A. Rose, Welland, Ont., made a killing, winning first in every class. He also did well in Cochins and Polish Bantams, showing splendid birds in several classes.

Mr. Harlo J. Fisk, Sterlington, N. Y., made nearly a cleanup with his S. C. White Leghorns. His display was a beauty, with size and form a feature, closely followed by condition and head points. This was one of the large

second cocks, third and fourth hen, first and second cockerel and first and second pullet. Mr. Faulds has been a prominent winner both here and in Canada for years. His strain is well established and has a record hard to approach.

Mr. Wm. Ferguson, Brantford, Ont., S. C. White Leghorn breeder and one of the leading winners for some years at Guelph, entered a few of his birds and won second and fourth cock, second and fourth hen and third pullet. Some of these birds had been shown before and could not again be brought up to their best show shape. There is much to admire in this line and we want to see this man and his birds here again.

The Columbian Plymouth Rocks shown by Mr. Geo. H. Sweet, Aurora, N. Y., were birds of exceptional quality. From his very fine collection we would select the winning cock, cockerel and hen for mention. The first cock is without question the best Columbian male we have seen to date. He was also awarded the shape special, being ideal in our opinion; markings of wing, neck and tail were all that could be desired, comb and head very good.

In one of the best classes of S. L. Wyandottes seen this year Mr. LeRoy Seigfried, Waterloo, N. Y., won first and fifth cock, first and second hen, first cockerel, second and third pullet and first pen, with several specials included. All these winners were exceptional birds. The first cock, in shape a wonder, with as grand a breast as ever seen. He was silvery all over and the choicest of marking in wing, neck, etc.; comb and head points of the best. First cockerel, close up in color and of equal type. The winning pen grandly mated and of the same high grade in color and shape.

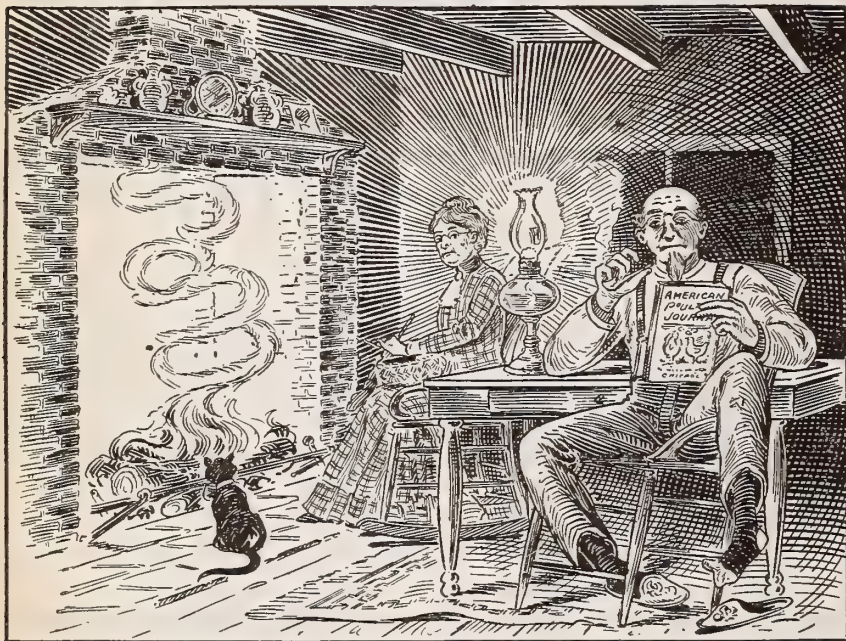
The Birds and Classes.

Barred Plymouth Rocks formed the banner class of the show. Here several prominent breeders met, making not only hot competition but also completing one of the best classes seen this year. The pens were a whole show in themselves, condition the prevailing feature.

Cock. First, a large, strong bird of sound, even color and very extra shape, shown well finished and with grand head. Second, a good cock, well up and of grand shape and color. Third, very narrow barred and of clean, bright barring, a mite past his best show shape. Fourth, an extra good quality bird, good head. Fifth, close up, with merit in every line.

Hens. First, both in type and color a gem and one of the best we have seen; her even surface, with superb under color and grand wing, place her a rich winner in a great class. Second, very beautiful in color and barring; she was still in part short feather; easy one of the best. Third, also superb in color and barring. Fourth, a grand, large hen with both type and good barring. Fifth, similar to third, but fails some in tail.

Cockerels. First, a beauty in shape, color and narrow barring, grand head, eyes, etc.; a most desirable cockerel and also winner of the gold special and cup for champion male. Second, of good form, grandly barred and fine head; a close runner. Third, great in color and barring, fine head, a mite low on legs; should make a grand breeder. Fourth, a nice clean cut male with bright color. Fifth, extra fine type and of choice



Martha! I been reading in this har American Poultry Journal what I subscribed fer from Mr. W. R. Graves, of Rockendott Farm, and it says as how one well-bred hen will lay as many as 200 eggs a year, and some even more. You know your'n wouldn't average fifty eggs per year, and here is a feller, Mr. Potter, what can larn us to tell the hen that don't lay; costs only \$1. Guess I send fer this book so we can larn how tew. Yes, it do beat all how these here scientists dew larn things.

great class, and with a very choice string of birds. He is another old-time "Ontario" winner that has the goods. His first pen was a beauty, grandly mated and shown. His cock was only beaten by the champion, and was one fit to win at ninety-nine shows out of every hundred.

Mr. J. L. Brown, Seaforth, Ont., won third cock, first hen, third cockerel and first pullet on four birds shown. His females were the pride of the classes. He is another of the breeders that has made the going at the "Ontario" for years with grand success.

J. Thomas Harp & Son, Buffalo, N. Y., made a strong entry of White Laced Red Cornish and won the leading prizes. We hope in an early issue to show out of their first prize cock, Chief-Rain-in-the-Face, who was one of the show features. Here were also seen the two pullets shown by Mr. Harp at the last

classes of the show and his record of winning every first prize is indeed a great credit to him.

Dr. J. W. MacRae, Galt, Ont., breeder of R. C. Black Minorcas and of Black Cochins Bantams, was in the winning here as follows: On Minorcas, first hen, first cockerel, third pullet and first prize pen, in a splendid class of birds. His birds have size, with form and color, and exceptional head points. In Black Cochins Bants his winnings were first cock, first hen, second cockerel and third pullet and first pen. This was a grand class, full of quality, and it took the very best grade to win. The winning pen in particular was a beauty and attracted much attention.

In S. C. Black Minorcas, another A. P. J. friend, Mr. T. A. Faulds, London, Ont., sent over a few to try them out. When the smoke cleared away we found these ribbons on his pens: First and

Other Cream Separators

Merely Discarded or Abandoned

De Laval Inventions

It is interesting and instructive to know that nearly, if not quite, every cream separator that has ever been made, and certainly all that are being made at this time, are merely copies or imitations of some type of construction originally invented or developed by the De Laval Company, and either not used by it because of something more practical or else discarded and abandoned in the course of De Laval progress and utilization of later improvements.

As earlier patents have expired some of their features have one after another been taken up by different imitators, so that at all times, as is the case today, every separator made in the United States or elsewhere in the world, utilizes some type of construction originally owned and developed by the De Laval Company, though some of them have never been commercially used by the De Laval Company because of their inferiority to other types of construction used by it.

The De Laval Company has always been forging ahead, with its many years of experience and the best of experts and mechanics the whole world affords in its employ, so that before any expiring patent might permit the use of any feature of construction by imitators the De Laval Company had already gone so much beyond that type of construction that it was then old and out of date in the modern De Laval machines.

All cream separator inventions by others have been of immaterial details or variations, upon which patents have been taken, if at all, more for the sake of the name than by reason of any real value or usefulness attaching to them.

The first practical continuous flow centrifugal Cream Separator was the invention of Dr. Gustaf de Laval in 1878, the American patent application being filed July 31, 1879, and issuing as Letters Patent No. 247,804 October 4, 1881.

This was the original Cream Separator—of the "Hollow" or empty bowl type—and it has been followed from year to year by the various steps of cream separator improvement and development, all De Laval made or owned inventions, the American patent applications being filed and letters patent issued as follows:

The original hand Cream Separator of the "Bevel Gear" type; application filed October 2, 1886, issuing as Letters Patent No. 356,990 February 1, 1887.

The original hand Cream Separator of the "Spur Gear" type; application filed January 17, 1887, issuing as Letters Patent No. 368,328 August 16, 1887.

The original Steam Turbine-driven Cream Separator; application filed December 8, 1886, issuing as Letters Patent No. 379,690 March 20, 1888.

The original "Tubular" shaped "hollow" bowl Cream Separator; application filed April 19, 1886, issuing as Letters Patent No. 372,788 November 8, 1887.

The original "Disc" bowl Cream Separator; application filed May 12, 1890, issuing as Letters Patent No. 432,719 July 22, 1890.

The original vertical curved or interlocking "Blade" Cream Separator bowl, covered likewise by the application filed May 12, 1890, issuing as Letters Patent No. 432,719 July 22, 1890.

The original "Bottom Feed" Cream Separator bowl; application filed July 24, 1889, issuing as Letters Patent No. 445,066 January 20, 1891.

The original "Suspended" bowl Cream Separator; application filed August 21, 1893, issuing as Letters Patent No. 512,203 January 2, 1894.

The original "Star" or "Pineapple Cone" shaped series of cylinders Cream Separator bowl; application filed August 24, 1893, issuing as Letters Patent No. 521,722 June 19, 1894.

The original "Curved Disc" Cream Separator bowl; application filed January 18, 1905, issuing as Letters Patent No. 892,999 July 14, 1908.

The original "Split-Wing" Tubular Shaft Cream Separator bowl; application filed April 29, 1898, issuing as Letters Patent No. 640,358 January 2, 1900—which invention, with a series of later improvements, is the type of bowl construction used in the De Laval machines of today, and still covered by protecting patents which prevent its appropriation by would-be competitors.

The patents thus enumerated are but a few of the more important of the more than 500 original Cream Separator patents owned, controlled and developed by the De Laval Company during its thirty years of creation and development of the Cream Separator industry throughout the world. They are recited because they show in the most illustrative and conclusive manner possible De Laval originality and leadership from 1878 to the present day.

In addition to these patent-protected features, the De Laval machines have within two years been mechanically redesigned and reconstructed in every part, from top to bottom, so that the new and improved line of De Laval machines are today, even more than at any past period, fully ten years in advance of any other cream separator made.

These are the Rock-of-Gibraltar-like separator facts against which the mere "word claims" of would-be competitors fade away like the mists of night before the rays of the morning sun.

The De Laval Separator Co.

165-167 Broadway
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14 & 16 Princess Street
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1016 Western Avenue
SEATTLE

RICKSECKER'S S. C. REDS

in a class by themselves. Fall 1909 won every 1st at American Royal Stock Show, Kansas City; every 1st and 1st sweepstakes cockerel at Kansas State Show; also seven premiums on eight entries at Missouri Valley Interstate Fair, Kansas City. If you want winners, order eggs for hatching from the best of Reds; rich, even color, long bodies, red eyes, fine wings and tail, strong, vigorous farm raised stock. Mating list and show record free.

T. L. Ricksecker, Red Specialist Farm, R. F. D. No. 5, Box 119
Office: 2835 S. W. Blvd., Kan. City, Mo. **Rosedale, Kan.**

White Plymouth Rocks

In a large class at the late Milwaukee show I won 1st pullet, 3rd cock, 4th cockerel, and 7th hen. Have been breeding and exhibiting White Rocks for past ten years and am now prepared to supply extra choice eggs from prize-winning pens at \$3 per setting. Until March 20, incubator eggs \$6 per 100. I guarantee satisfaction. Place your order now. Mention American Poultry Journal.

W. R. Abbott - Fort Atkinson, Wisconsin

White Orpingtons

My birds won at Philadelphia, 1910. Eggs from Pen 1 headed by 1st cock Philadelphia, 1910, mated to winning hens, \$10.00 per 13. Pen 2 headed by 1st cockerel at Philadelphia, 1909, and select females, \$5.00 per 13. The run of the yard, \$3.00 per 13; two settings, \$5.00. Place your order now.

MRS. J. W. HOLTON - CATASAUQUA, PENNSYLVANIA

\$12,000 From Plain Poultry in Eight Years.

No Fake "Secrets," no Humbug "System," no Hotbed Coops, no Sprouted Oats, no Miracles; But a Plain, Straight, Open-Air BUSINESS METHOD of Making Poultry Pay the Largest Possible Profit. Every Hen Made to Pay a Clear Profit of Over \$4 a Year.

Make your own Fireless Hatcheries and Brooders, Vermin-Proof Coops, Food-Saving Feeders, Dirt-Proof Water Fountains, Hen-Protecting Nests, Lice and Mite Killers. The Best Chick and Laying Hen Foods, and everything you need. These are the best yet invented, are Easily Made and cost less than one-third as much as any others. Write TODAY. F. GRUNDY, POULTRY EXPERT, - - Morrisonville, Illinois.

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FREE
Booklet



Truckenbrod's Standard Barred Rocks



Teddy V, Our Second Prize Cockerel Chicago Show, 1908
Bred and owned by us

are world's best, famous prize winners. Made a world's record at great Chicago show by winning 1st, 2d, 3d, 4th and 5th prizes on males the last three years, more prizes on cockerels than all competitors combined. We have for sale 15 fine, Standard weight, pure Latham pullet bred cockerels and 20 fine, Standard weight, pure Bradley Bros. pullet bred cockerels at \$3, \$4 and \$5 each. Every one is a fine individual. Also have for sale 50 fine, Standard weight cockerel bred cockerels, pure Bradley Bros. & Teddy line bred, best in United States, at \$3, \$4 and \$5 each. All of these will make good breeders and winning cock birds for next year's shows. Fifty fine cockerel bred pullets for sale at \$3 each; pairs, trios and pens mated for breeding at \$7, \$10 and \$15. Our birds will please you. Satisfaction guaranteed. Write us for free circular showing our Chicago winners from life. Eggs from best matings only \$5 per 13, \$9 per 26.

Standard Rock Farm
TRUCKENBROD BROS., MENDOTA, ILL.

color and clear barring; he also wins the male shape special.

Pullets. First, a beauty, shown at her best possible condition, excellent in form and just the right shade of color; barring very clean and sharp; she also wins shape and color specials. Second, another of the rarest quality, very close to first, but a mite past her best and laying. Third, sharp, clean barring and fine type. Fourth, closely barred and good shape. Fifth, similar to third, a little young. These five winning pullets were as good as I expect to see at any show.

Pens. First, skillfully mated and grandly shown, with an extra fine male and four of the best quality females; wings on all extra fine. Second, another hot pen, with a dandy male and grand females. Third, had four very fine females, male unfinished in wing. Fourth and fifth, both good pens, but evidently some passed their best.

White Plymouth Rocks.

A splendid class faced the judge here, with quality and superb condition the feature. Several exceptional birds were found here, as will be noted below, among them the king of the show, for whom the owner now seeks a name.

Cocks. First, the equal of any White Rock (dead or alive); he was awarded by seven judges present the gold medal for best male at the show; in shape, color, finish and condition he was all that could be desired. Second, a grand cock with fine head and well shown. Third, not at his best here, still a fine bird. Fourth, good in both shape and color. Fifth, a grand winner of other days, and a most valuable breeding bird.

Hens. First, a royal beauty in every way and a great winner. Second, a beauty, but a little overdone (feed). Third, close up and dandy. Fourth, and fifth, both very choice hens.

Cockerels. First, good in type and head. Second, probably the best in condition, but fails some in comb. Third, not finished, a good white bird. Fourth, will make a grand one in time. Fifth, also needs time.

Pullets. First, meets our every desire, perfect in condition and very fine shape. Second, also extra fine and very close to the winner. Third, very good, color of the best. Fourth, a dandy, needs a little filling. Fifth, nice in color and good type.

Pens. First, a great winner, headed by a strong cock, nicely finished, and four females of size and form and good heads. Second, a grand pen well shown in condition. Third, very close up, the male a beauty. Fourth, one of the best but not well shown. Fifth, a good, even pen of merit.

Buff Plymouth Rocks.

A small class for this variety and show. We had expected a good class here, with the specials offered. First

STOCK

A fine bunch of Black Orpington cockerels for sale cheap.

Illustrated circulars free on request.

R. C. R. I.

S. C. Black and White

Single Comb

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Our Winnings

at such shows as Cincinnati, Wheeling and Cleveland prove unquestionably that we have the.....

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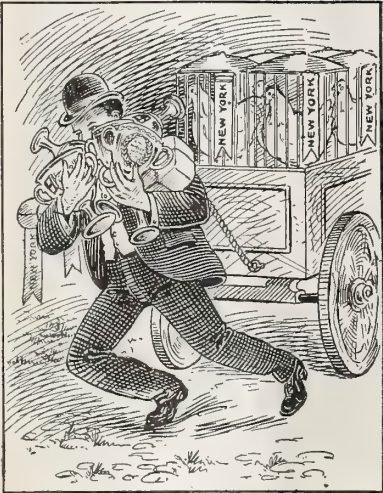
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EGGS

Eggs, \$3 per fifteen or \$5 per thirty. Order early. Satisfaction guaranteed.

Mention this paper.

Don't This Prove My Statement?



"I've Got the Goods"



When I state my birds won at Philadelphia, Chicago, Washington, Scranton, Illinois State Fair, Memphis, Portland, Me., and at Vancouver (beating A. Y. P. and Toronto Industrial winners), as well as hundreds of other shows this season North, South East and West? But, again, no distance is too great. The big Dairy and Crystal shows, England, were also gathered in by Duston's stock. I was physically unable to make an exhibit this season, but my record for three years at the hottest

White Wyandotte

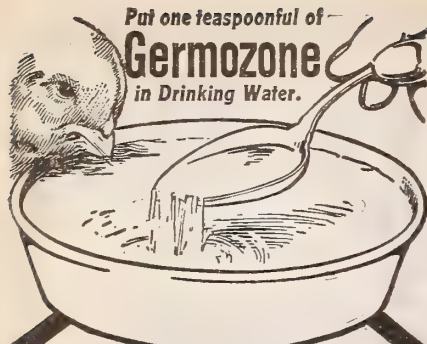
show in the world, Madison Square Garden, where I won First Collection two years out of three, is a final proof. The best in the country shows up there if it can be bought. Just ask the boys what about the shows of '08 and '09, when practically all of the Boston winners of a week later never got a "look-in." Don't that tell of quality? The best judges say "it was the best judged class there has been at New York in years." Now, here is the prettiest part of the whole thing to me, and to my customers as well. I did not have to go out and put a small fortune into buying a whole flock or part of one. I just "toddled" up to my own houses, picked out my birds, washed them, and sent them to the show, winning first, fourth and fifth cockerel, first and third pullet, second hen (considered by many the most typical female in the show), fifth cock and second pen (only for the tail of the cock being injured in washing, the pen would have been an easy first), and first collection for the second time in three years. Never been equaled by any White

Wyandotte breeder. Now, who dares stand up and say they won at New York on birds of their own breeding? It's interesting, this story of showing and winnings. It is expected that one may buy winners at times and perhaps for some years, but barring accidents and trouble, it seems that the strongest claimants for honors should be able to produce a few for the fall shows or winter showing. Now you know what I have done, as well as furnished winners for sixteen years all over the country. Don't this prove

Duston's White Wyandottes

are a winning strain and that "I've got the goods"? I can furnish the highest class breeding birds in cocks, cockerels, hens and pullets, also stock of medium and average quality, write me your wants today. Eggs ready to ship now from the choicest matings I ever sold from. You get the benefit of it this season. There is going to be a big rush. Order early. Price \$5.00 a set; two sets, \$8.00; three sets, \$10.00; five sets, \$15.00, or \$20.00 in hundred lots. Send 10c for illustrated catalog to the breeder that has made possible the World's Best Flocks.

Arthur G. Duston
P. O. Box 1020 **So. Framingham, Mass.**



Put one teaspoonful of—
Germozone
in Drinking Water.

For Perfect Poultry Health

I produced Germozone as a poultry raiser, and for my own use. My poultry needed something. Nothing on the market "filled the bill." To continue to let diseases take their course meant more losses—losses no poultry raiser, large or small, could afford to endure. I experimented with more than \$100 worth of ingredients and finally produced Germozone. The neighbors knew what it was doing for me, and bought. They endorsed it then, and now. Trainloads of it have been sold on proven, undisputed merit.

What Germozone Does

Germozone is a germicide, a bowel regulator, a system builder. It goes to the seat of the trouble and usually effects a speedy and permanent cure.

Given in the drinking water **twice-a-week** it cures disease, prevents contagion, and keeps the fowls in a healthy, vigorous condition. Prepared either in tablet or liquid form and will be sent, postpaid, on receipt of price.

Germozone is the best health insurance you can have for your poultry. Cost is small, and it is sold on an **absolute guarantee**.

Write us to-day for free copy of "Lee's Chicken Talk"—written by Mr. Lee himself.

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cock was a particularly fine bird. Other winners of good quality and well placed.

Columbian Plymouth Rocks.

One of the best quality classes we have seen east or west. The first cock in type and markings a wonder, head extra fine. First hen a beauty in color and grand markings; wings fine. First cockerel a male of both shape and choice markings, as were also others. First pullet another of the sure winning kind. First pen a grand one and well placed, but third and fourth should have been placed up a notch and the second brought down to fourth.

Silver P. Plymouth Rocks a fair class of very choice birds. Type and head points the attractive feature here.

White Wyandottes.

Formed one of the best classes. Sev-

up. Other winners good. Type was well shown in this whole class.

Silver Laced Wyandottes.

Here was a beauty class grandly filled and the extra high quality shown appealed to all who saw them. The first cock, a very silvery bird with elegant head points and as good a breast as we have seen; shape of the best. First hen, fine in type; her clean, open lacing with perfectly clean edging made her one of the best to be found. Second close up. Cockerel first an equal runner with first cock. Pullets, the three winners were close, of grand form and fine markings. First pen well mated and of a high and even grade.

Golden Wyandottes.

Another good class of Wyandottes, well shown and of good type all through. The winners without excep-



BUFF PLYMOUTH ROCKS.

One of the prize-winning kind as produced on the farm of S. D. Lapham, Dearborn, Mich.

BIG PROFITS
result when chickens are free of mites and lice. Use
AVENARIUS CARBOLINEUM (REG.)
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SOLVES THE PROBLEM OF FEEDING GRAIN FOR THE BEGINNERS—INCREASES EGG YIELD FOR ALL
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eral birds were seen here in each class. The winners were all well placed and type the feature.

First cock shown in good form, with fine head, back and tail. Second close up, splendid condition. Third one of the best in type. Fourth and fifth very good birds, both up in type.

Hens. First, one of the best brought out this year; back, breast and tail elegant. Second, another hot one, well shown. Third, fourth and fifth, all very good hens and well shown.

Cockerels. First, a corker in type and well finished. Second and other winners were all good birds.

Pullets. First, a beauty, closely followed by the second. Third, a grand bird, with fine back. Fourth and fifth, both well shown and finished.

Pens. First, a beauty in color and mating; the male here one of the best. Second and third, both choice and close

tion were good birds with good markings.

Buff Wyandottes.

A beauty class of 107 birds, as large and good a class as was brought out this year. Here color followed type closely for the feature honors, with head points up very close. The winners were classy birds; they could have been taken out and still the judge would have found plenty of worthy specimens for the ribbons. The three best cocks and the five winning cockerels were of a shade of color most desirable; the same can also be said of all the winning females. This, with a high average of head points and good eyes, completed the birds seen here, and it made one of the most attractive shown.

Columbian Wyandottes.

Sixty birds of this variety were shown. They formed another good collection, with the winners excellent on

Barred Rocks



WE CANNOT tell you in this space all that we want to say about the merits of our Barred Plymouth Rock winners at Toledo, Detroit and other large shows, and also our high-class utility stock. We have, however, published a new handsome catalogue telling about our stock and containing many fine illustrations of our yards and buildings, and also individual pictures of our birds. These pictures are untouched and show the birds true to life. If you are intending to purchase either stock or eggs, send us one dime today for this elegant catalogue. We guarantee that it will interest and please you.

Automatic Feeder

Also send at once for free circular telling all about the Poultry Feeder and Exerciser shown in this picture. It is the greatest feed and labor-saving device ever placed in a poultry yard. We have fifty of these Feeders and Exercisers in constant use in our yards. The price of the Feeder and Exerciser is 8-qt., \$2.50; 14-qt., \$3.25; 20-qt., \$4.10; 32-qt., \$5. Send us the price of the size you want and we will ship it to you on 30 days' trial. If you do not want to keep it, return to us and we will refund your money and pay express charges both ways. We refer to the editor of this paper and to the Citizens' Banking Company, Perrysburg, Ohio, as to our financial standing. Write today. Remember, the Barred Plymouth Rock catalogue is only 10c in silver or stamps and the circular telling about the Poultry Feeder and Exerciser is free.

River Home Poultry Yards : Box B : Perrysburg, Ohio



The New Globe Incubator No. 10

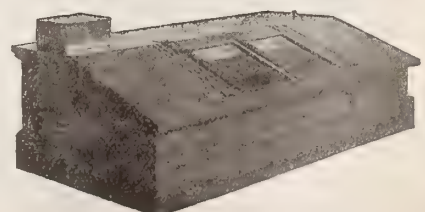
The great merit of the Globe Incubators has been so well known to the poultry raisers of this country for the past fifteen years, that we feel the only introduction that the **New Globe Incubator No. 10** needs is a plain statement of the fact that in this machine we offer to the public an incubator of **Globe merit** built on plans that greatly lessen cost of production so that we are able to offer a **200-Egg New Globe No. 10 at \$13.50**

Positively the best in the world for the money—This machine is fitted with the best double compound wafer regulator, the same as used in all higher priced machines and is honestly and substantially made throughout and will render efficient and satisfactory service and produce the best possible percentage of strong livable chicks that will **grow and mature** when placed in our famous

GLOBE BROODERS

200-Chick Size \$11.75—A brooder built on scientific principles that have been proven correct by actual practical use.

Get These Machines and Raise Your Chicks



Extra Special!

If ordered from this ad within thirty days, a 200-Egg Globe Incubator No. 10 and a 200-Chick Globe Brooder for only \$22.00.

Send for elegant colored circular fully describing these machines : : :

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Write for your copy to-day.

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PRICES BELOW ALL OTHERS

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Finest floral novelty of the season. A magnificent large flower with long stem, of perfect shape and just the color of the noted Enchantress Carnation. Free bloomer and you'll like it. Really worth 25 cents per packet, but we desire to place our large, beautifully illustrated catalog of seeds and plants in the hands of every flower lover and will send it with packet of 50 seeds of Enchantress Aster **FREE**, if you mention paper. If you have had our catalog, please say so. Iowa Seed Co., Dept. 2, Des Moines, Ia.

type and color, as well as markings. The winning cockerel, hen and pullet were extra birds of best quality and well conditioned.

Partridge Wyandottes.

About fifty birds of this variety completed the Wyandotte classes, the first and second cocks. First, second and third cockerels were rich in color and form. The winning females and in particular the first hen were choice birds, worthy of every honor.

Rhode Island Reds.

There were sixty-nine Rose Combs and 122 S. C. Reds shown at their best form. Color here was the feature in both classes, well showing the improvement made. Good shape also prevailed, with head points and eyes following. The first cock birds of each variety were favorite old-time winners, hard to beat. The other placed birds were all well up and grandly placed by Judge Denny, making two very fine classes of these popular varieties.

Orpingtons.

Were shown in all varieties, and excepting the Buffs, in not as strong classes as we had hoped for. The general quality was good, with several exceptional birds in each class. The Buffs made the best showing and the winners were a worthy lot.

Black Minorcas.

The Rose Comb Black Minorcas numbered sixty-five birds and formed a beauty class complete in every department and of the very best grade. The first cockerel was easy the gem of the class, fine in station and grand in type, finished in detail. The first, second and third cocks were rich in color and with good heads. First hen, another wonder, with second close up and well shown. All the five winning pullets great birds, with sound color. First pen fit to win at any show and in any competition.

In S. C. Black Minorcas fifty entries faced the judge in a hot class of the best quality birds. The first and second cocks were large birds of type and color, with fine heads. The winners in cockerel were also of the same grade and grandly shown. All the winning hens and the first and second pullets were choice birds.

The Leghorn Classes.

The Single Comb White Leghorns were one of the three classes of the show, with 130 birds in line, a complement to Judge A. C. Smith. Here size, type and condition prevailed, and here again the winners could have been withdrawn, still leaving enough of the best quality to satisfy all. The winners were very fine birds, and the head points came out strong as a feature in this remarkable class.

Single C. Brown Leghorns followed the Whites closely in quality. Here the winning males looked extra, while the first three females placed in both hens and pullets were of the best of color and markings.

Rose C. Browns were another real good class, with plenty of size, good markings and very good heads.

Rose C. Whites, not as large a class as usual, but high grade birds. The winners were well shown. The first hen and first pullet were of grand size and shape, with ideal heads.

Both Single and Rose Comb Buffs were well shown and in real good num-

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A GRAND COMBINATION AND A SURE MONEY MAKER—Poultry thrives on orchard insects and bugs; bees get honey from orchard blossoms and fertilize the fruit. No work, small expense and big profits from the honey, eggs and fruit you sell.

Fruit growing pays big! \$300 an acre is nothing unusual from Apples, Peaches, Plums, Blackberries, Raspberries, Strawberries, etc.

Let me send you, charges prepaid and free, my grand Combination Catalog on Orchard Trees, Small Fruit and Farm Seeds. I am giving away 20,000 live, hardy fruit plants, and you will get one of them in proper season if you ask for it now. Catalog free. Write to-day.

W. K. SCARFF,
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Easter Lily, Crocus, Tul-
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ias, Bachelor's Button,
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rium, Pansy, Sweet Peas,
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As a premium with these Bulbs we
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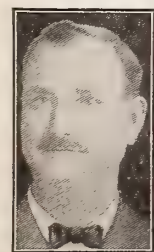
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Send us a dime or stamps today for this In-
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Asters, Prize mixed. Balsams, Ideal mixed.
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have hardiness and bearing qualities that do not get into plants grown under less favorable conditions. Soil, climate and seasons here are ideal, and put dependability in the plants I offer in my catalog. Twenty years in the business. Two hundred acres of plants growing each year. I personally superintend the work. I am as careful in my selling as you can be in your buying.

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Leading varieties illustrated, and shows various scenes of strawberry plant farm itself. I do not conduct a nursery or seed house—just grow strawberry plants.

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SPECIAL OFFER:
Made to build New Business. A trial will make you our permanent customer.

Prize Collection Radish, 17 varieties; Let-
tuce, 12 kinds; Tomatoes, 11
the finest; Turnip, 7 splendid; Onion, 8 best varie-
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Instructive, Beautiful Seed and Plant Book,
tells all about the Best varieties of Seeds, Plants, etc.

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1910

*** Mated pair kissing. Eggs to squabs in four weeks ***

Write to-day for our 1910 Free Book, hand-
somer printed and illustrated. How to Make
Money Breeding Squabs. (Cloth-bound book now
303 pages, 114 illustrations; it's great.) Ask for
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PLYMOUTH ROCK HOMERS and CARNEAUX
are the standard everywhere. Read stories of
customers who started small with our prolific
pairs and now have big flocks. We were first, the
originators. The greatest success of the twentieth
century in feathers. We take subscriptions for
the new splendid National Squab Magazine
(monthly). Specimen copy mailed for ten cents.
PLYMOUTH ROCK SQUAB CO.
414 Howard Street Melrose, Mass.

bers. The winners were a nice shade of buff, the sound kind.

Black Langshans

Were a great class, one of the best brought out this year. Shape the noted feature. This, with remarkable color and extra condition, completed a wonderful class. Here Canada beat Buffalo and won the gold, but we think some of those good birds will stay over here.

Anconas.

These formed another large and beauty class. Buffalo wins here and evens up matters for above. It is very seldom that we see a class of this in Anconas, their popularity was well shown here.

In Hamburgs and Polish was seen a display worth your time. Canada sent over here her very best, which alone is full guarantee of what was seen here. They were shown in all varieties, and to the best advantage. The W. C. Black Polish in particular formed a great class and finished a most attractive exhibit. The Hamburg varieties are also all beautiful and attractive, and when seen as here, desirable.

Cochins in Buff, Partridge and White, and Light Brahmas, were shown to good competition in well balanced classes. The type of both was well seen and the markings of the Brahmas very fine. Toe feathering extra.

In both Cornish and White Laced Red Cornish elegant birds were shown. The markings of the White Laced Red Cornish are very beautiful and we now can predict that they will become one of our popular varieties. Their form of body, with abundance of breast meat, and as Friend Harp says, the best morsel of meat ever was, they are sure to win their way.

Bantams.

Some 200 bantams were shown, and

in all the popular varieties. The Polish were a complete collection and one of the best we have seen. Cochins Bantams are always popular and in both type and feather were shown here with many exceptionally fine birds. The attractive Game Bantam was also here with two grand and well known collections competing. Rose C. White and Black and Seabrights filled in with little beauties of the best kind were favorites and found many admirers.

Turkeys, geese, and ducks were here in good numbers. Here was also the largest Tom we have seen, weighing 50½ pounds, and was sold for \$100 to a California man. H. P. Schwab.

RED BANK, N. J., SHOW.

The second annual exhibition of the Monmouth Poultry Club was held at Red Bank, N. J., January 26, 27, 28, 29, 1910. In point of numbers and quality of the bird coops it was by far the largest and best show the association ever held. There were 1,700 birds shown of about the best quality we have seen outside of New York and Boston. In fact, many winners of the above named shows were to be seen at Red Bank. The hall was kept scrupulously clean, and the birds received the best of attention by those having them in charge. Secretary Gisleson and Treasurer Schroeder were right on hand at all times looking after the welfare of the exhibitors and birds, and much of the success of the show is due to their untiring efforts. The number of silver cups offered at Red Bank was certainly an eye-opener. The writer counted over fifty which were on exhibition in two china closets. The winners of these grand prizes are to be envied. A pleasant feature of the week was the banquet given on Thursday evening by the members of the club to the visiting

fanciers. It was a most enjoyable affair and will last long in the memory of those present.

Lakewood Farms Products Company's exhibit was in charge of Fred Harries, who had on exhibition his noted White Orpington pullet, "Betty." The Pruna Food Company's booth, represented by Wilkinson, Gladdis & Co., Newark, N. J., was in charge of Mr. S. G. Morrill. Stump & Walter Company, of New York City, made a large display of their seeds, feeds and poultry supplies, in charge of W. Harry Orme. The Cypress Company had a large exhibit of their well-known line of goods and reported a good business.

Notes of the Show.

Greenwood & Yeomans, of Paterson, N. J., showed a fine string of Light Brahmas, the penciling in hackles and striping in saddles being almost ideal.

Barred Rocks were the largest class in the show, the quality of the winners being of the best. Mr. A. Schroeder, of Red Bank, made the phenomenal win of first and fifth cock, first and second hen, first cockerel, first and second pullet and first pen, which speaks for the quality of his stock.

Wilhelmina Poultry Farm, Morganville, N. J., E. L. Geisel, proprietor, had a string of their well-known Barred Rocks on exhibition, winning fourth cock, fifth hen, fourth and fifth cockerel, first cockerel bred pen and second pullet bred pen. Mr. Geisel is the originator of the Barred Cuckoo Wyandotte and made a nice exhibit of this new variety, which attracted considerable attention. At Madison Square Garden, Richmond Hill, L. I., and Red Bank he made a clean sweep on his Wyandottes. In color they resemble the Barred Rock, but have the rose comb and Wyandotte shape.

The large exhibit of Oak Hill Farm,

The Peerless "Ringlets"

True to Their Tradition, Are Again Great Winners at New York

At the Imperial Madison Square Garden Show, 1909

E. B. Thompson's Barred Plymouth Rocks

win First, Third and Special Prizes on Exhibition Pens; special prize Cock; special prize Cockerel; numerous specials on hens and pullets, and the Harding \$50 Challenge Silver Cup offered for best exhibition pen. The race at this 1909 New York Show was a Marathon for speed and quality, and my First Prize Silver Cup Exhibition Pen was declared by expert opinion to be the finest ever exhibited—a paragon of perfection—and created a sensation as the finished achievement in modern Barred Rock breeding.

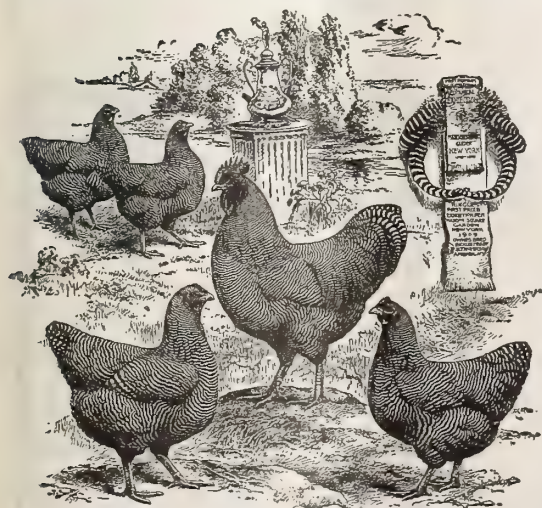
The "Ringlets" are always imitated—but never equalled. They are first in record, first in quality and first in popularity

Their record at New York for 22 years is **GOLD LINED**

—it is a calendar of successive victories demonstrating step by step their irresistible advance towards the world's absolute leadership

The Enormous Prestige of the "Ringlets" Created by Superlative Quality Has Made Them the Standard by Which All Other Barred Rocks are Judged

I now have on my farm the largest and finest lot of superior exhibition and breeding birds I ever owned; they show the "Ringlets" barring and the sharp contrasting colors that win under all judges.



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recognized everywhere for years as the one reliable remedy for this dreaded poultry disease. No poultry owner should be without it. A thimbleful in the drinking water and the fowls eagerly drink and cure themselves. Give the well fowls a little occasionally; it will tone them up and prevent disease.

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GEO. D. HOLDEN, ex-president American Poultry Ass'n, breeder, exhibitor, judge.

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STANDARD SIZE & WEIGHT
FINE LACING IN ALL SECTIONS
ESPECIALLY STRONG IN LACED WING BAR

HENRY STEINMESCH
Eggs, \$3.00 for 15. St. Louis, Mo.

R. F. D. No. 1, Red Bank, N. J., was in charge of Mr. I. M. Elston, poultry manager, and he was kept busy during the show explaining the many fine points of its different specimens, which were made up of White and Colored Wyandottes, White Rocks and Single Comb Rhode Island Reds. We were informed the Oak Hill exhibit was the largest in the show and it certainly was in splendid condition. Some of their important wins were: Silver cup for best display of White Wyandottes, silver cup for best display of White Rocks, silver cup for best Columbian Wyandotte in the show, silver cup for best male bird in the show went on their White Wyandotte cockerel.

Owing to the demands upon his time Secretary P. J. Gisleson was unable to show but a pen of his Columbian Wyandottes which won the blue; one of the females was awarded the shape special offered by the Columbian Wyandotte Club. The cockerel at the head of this pen is a bird of much quality and fit to win in the best of competition.

Mr. W. D. Campbell, Bloomfield, N. J., R. F. D. No. 1, made a grand showing with his Buff Leghorns, winning in a strong class first and second cock, hen, cockerel, pullet and first pen. The first prize cockerel is the best colored Buff Leghorn male we have seen in years, being absolutely a rich bright golden buff from head to end of tail.

Mr. and Mrs. Charles Smith, of Wild Goose Farm, spent a day at the show renewing acquaintances and enjoying the different exhibits.

C. R. Applegate, Battleview Farm, Freehold, N. J., was right there with the goods in Rose Comb Rhode Island Reds, winning first cock, first cockerel, third hen and second pen in a good strong class. It is funny how some men will take all the credit of making a successful exhibit, but always have their wives with them to tell of its good quality. We met Mrs. Applegate while at Red Bank.

R. W. Bates, of Little Silver, N. J., made a splendid showing of strictly high quality Silver Laced Wyandottes, capturing first hen, first and third cockerel and third cock.

We were much impressed with the quality of the stock shown by Briarwood Farm, Rumson, N. J., Mr. John Daly, manager. They showed all three of their varieties and it was a quality exhibit from start to finish. In Columbian Rocks they were awarded second cock, second hen, second and third cockerel, first and second pullet, first pen and special for best display; Silver-Penciled Rocks, second cock, first and second hen, first, second and fourth cockerel, first, second and third pullet, second, fourth and fifth pen, special for best cockerel, best hen, best pullet and best pen, also silver cup for best display. At the late Madison Square show Briarwood Farm was awarded the silver cup and second for best display on this variety. In Buff Orpingtons they made one entry, a pen, winning fourth.

W. A. Smith, Metuchen, N. J., the Minorea specialist, was on hand with a grand string of birds in all varieties. In Single Comb Blacks he had on exhibition several of his Madison Square Garden winners, including the first cock, who was also first cock here. The first New York hen also won the blue. His other winnings were first, second and third cockerel; first, third and fifth pullet. In Rose and Single Comb Whites and Rose Comb Blacks Mr.

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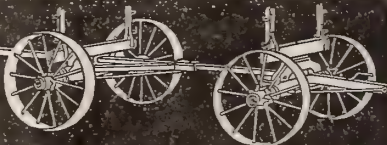
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Smith made a clean sweep, winning every prize offered in the different classes.

William A. Winter, Red Bank, N. J., the Rose Comb Rhode Island Red specialist, showed the quality of his stock by winning second, third and fourth cock; first, second and fourth hen; second and fourth cockerel; first, second and fifth pullet, and third and fifth pen, in strong classes. We can recommend Mr. Winter to our readers, also his stock, which is of the highest quality. He is a breeder of Collie dogs of the bluest blood and each season produced some of the very highest type specimens shown.

THE CANANDAIGUA (N. Y.) SHOW.

The First Annual Show of the Ontario Poultry Association With Nearly 1,000 Birds Shown—Dr. C. J. Andruss, President.

Canandaigua has held its first show, after a late start, only organizing in December, and with shows all around, the fanciers have succeeded and held one of the best first attempts we have seen. With the well known breeder of Columbian Wyandottes, Dr. C. J. Andruss, as president, and backed by such able fanciers as Dr. L. D. Southerland, W. F. Brace, L. L. Smith, F. S. Bradt, etc., it was a success from the word go. Entries came from all sections and the class of birds formed a handsome display of great merit.

In Barred Rocks 101 birds were shown, showing well, the winners were a grand lot. White Rocks, strong in condition but not so large a class; Buff,

Columbian and Partridge Rocks were all good classes.

White Wyandottes, a good strong class, winners well done. Buffs were a large and beauty class, color the feature. Silver Laced I quality one of the best seen, the winners here were exceptional birds. Columbian, also a

good class, as were also the Partridge. Here birds of rare markings and type were seen.

The Leghorn classes were all well filled and grandly shown, the S. C. White, Brown and Buff were particularly fine. Rhode Island Reds in both Single and Rose comb were good in



Flock of S. C. White Orpingtons, each pen having access to orchard, on farm of J. S. Haupt, Easton, Pa., breeder of White, Buff and Black Orpingtons.

fine class with several New York winners shown. The New York winning hen of Dr. Andruss was the show feature, being shown in a large cage and attracting much attention. Black Wyandottes were also a very large and

color and a little extra in form. The winning males looked very good to us.

The Houdans formed a beauty class. Here were birds of the very highest grade, shown in the best of feather.

In Orpingtons, and in particular

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50 for \$11.50
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Single Comb White Leghorns

SPECIAL

To buy Lakewood Farms laying pullets at the above prices during this season of the year is just like getting money from home.

You can produce firtle nutritious eggs—hatch sturdy chicks—make a big profit—just as we have—if you start even with only a few of these Lakewood Farms pullets. Place your order now and be sure of getting your pullets this season.

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No. 4 Planet Jr Combined Seeder and Wheel-Hoe saves time, labor, seed and money. Almost all useful garden implements in one. Adjustable in a minute to sow all garden seeds, hoe, cultivate, weed, or plow. Pays for itself quickly, even in small gardens.

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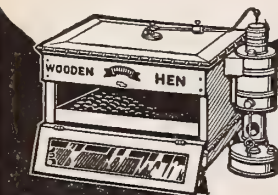
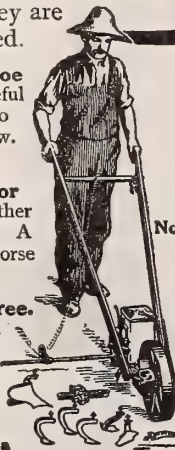
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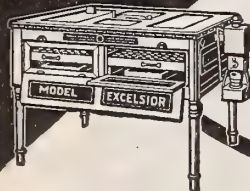
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Stahl Incubators were among the first to be put on the market; to-day they stand as they did then—the best—approved by thousands of particular fanciers the world over.

This isn't luck—it's merit—perfect incubator value, produced by the right kind of material and workmanship, backed up by an unbroken line of splendid results. The

Excelsior and Wooden Hen INCUBATORS

have a standard hatching record of a chick from every fertile egg; they maintain this splendid showing because all features of their construction—heat, moisture, ventilation, and similar details—are carefully looked after and perfectly worked out.

The **Excelsior** or **Wooden Hen** will hatch a brood before your hens stop laying. You can market your early broilers and mature pullets into quick layers at a time when both will yield an extra big profit.

Buy a "Stahl" and eliminate trouble and worry. Catalogue illustrates complete line of Incubators, Brooders, Poultry Supplies, etc. Free on request.

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GUARANTEED TO HATCH AND RAISE MORE AND LARGER CHICKS

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The Famous PEERLESS INCUBATORS & BROODERS

More than 30,000 in actual use. Every one of them hatching and raising a larger percentage, with less attention and less expense than any other made. No other machine has so many improvements—so many money savers—so many labor savers as the Peerless. Here are a few of the special features:

Automatic ventilation and moisture; cold-rolled copper tank; heat distributing bars; tandem, double-compound thermostat regulator; automatic lamp; acme trip burner with combined damper and flame regulator—this is the safest burner made. It saves half the time, labor and cost of operation.

My Lampless Brooder—the greatest brooder success of the age. No lamp, no tank, no expense to operate. Raises a larger percentage of healthy, vigorous chicks than any other brooder on the market.

Either Knock-Down or Ready For Operation

I manufacture a complete line of Incubator and Brooder Supplies and fixtures; everything to repair or remodel your old machine or build new ones. I will also make to order anything special you may want in my line.

Send for my combined catalog and book of plans. It is free. It contains more than 100 photographic illustrations, showing step by step how Peerless Incubators and Brooders are constructed and how easily you can build them yourself. Whether you build an incubator or buy one ready made, you will save money by buying from me. Send for my free book today and learn all about the "House of Quality."

H. M. Sheer Company,

Box A5, Quincy, Ill.

Blacks and Whites, good classes were shown. The first Black pen, a show feature here, was extra color with beautiful type and well mated.

Light Brahmas were seen in quality. The first cockerel and pullet were a choice pair. The few Langshans shown were of good type and color.

A grand display of White Crested Black Polish were shown here. These beauties hold favor here and fine birds were the rule. The winning pen made a great showing with its grand crests and sound color.

Bantams, turkeys, geese and ducks filled out the display in excellent style, well shown in each class and plenty of each to fill the desires of all. The winning pair of Pekins were of extra size and with grand shaped backs. Pigeons brought out some fine birds. Here were also seen several from a well known Rochester fancier that have won the country over.

Williams' Extractor, the well known poultry remedy, was given a test here and fully satisfied all with its work-



FIRST PRIZE COCK CLEVELAND SHOW 1909.
BRED AND OWNED BY
IRA G. KELLER PROSPECT, O.

ings. We have used this preparation for some years and now more than ever wish to recommend it to the fancy as one of the things to keep on hand. Write Williams & Co., 28 Delaware avenue, Albany, N. Y. H. P. Schwab.

OMAHA SHOW.

The show held by the Omaha fanciers has come and gone and will be remembered as one of the best in the west this season. The quality was better than expected and this is saying much. The show management did all in their power to give the visiting fanciers every courtesy and the breeders present from abroad appreciated it. This is the first show the far west has seen by the comparison system and it was voted that the next season show would be handled in the same way. Comparison is certainly going west into the realm of the score card. We have not the space here to make mention of all the meritorious exhibits, but will have something to say of a few of the American's patrons.

The George H. Lee Co., of Omaha,

REDS

SINGLE COMB. My best pen contains Madison Square Garden and other winners. Eggs, \$5 per 15. Second pen headed by cockerel winning at Philadelphia and Norristown, Pa., mated to select females, \$3; other matings, \$2. My birds have superb shape and color. Breeding cockerels, \$5 and \$10. Baby chicks, \$15, \$25.00 and \$40.00 per 100. Write me. I can please you.

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Carver & Avey's Part. and Silver Penciled Wyandottes Are Always Winners

At the Missouri State Poultry Show, held at St. Louis, Dec. 6 to 11, 1909, in the largest class of all the Wyandottes, we won on Partridge, 1st cockerel, 5th cock, 1st, 2d pullet, 2d, 4th hen, 1st pen. Four Partridge Wyandotte Club specials and grand sweepstake silver cup for best pair in the show. On Silver Penciled Wyandottes in a large class with competition from three states, won 1st, 2d, 3d cock, 1st, 2d cockerel, 1st, 2d, 5th hen, 4th, 5th pullet, National Silver Penciled Wyandotte Club special for best colored male, best colored female, best shaped male, best shaped female. At Ohio State Poultry Show, Jan. 10 to 15, 1910, with four entries of Silver Penciled Wyandottes, we won 1st cock, 1st cockerel, 1st pullet, 1st hen. 300 EXHIBITION cocks, cockerels, hens and pullets, fine enough for any show or any competition. We are the **LARGEST SPECIALTY BREEDERS OF PARTRIDGE and SILVER PENCILED WYANDOTTES in AMERICA.**

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BOX A

COLUMBIA CITY, INDIANA

**Clemans' Columbian Plymouth Rocks**

Won every first on single birds and pen and silver cup for display at the Great Chicago show, Dec., 1909. Following great males head 1910 pens: Pen 1, cock first Chicago. Pen 2, cock first Madison Square and Buffalo and heading first pen Chicago. Pen 3, cockerel first Chicago. Pen 4, cockerel 2d Chicago. Pen 5, cock 2d Chicago. All above males are the big boned real Rock type and great color. All the Chicago winning females and others as good in these pens. Eggs from above, \$5 per 15, \$15 per 50. From other good pens, \$3 per 15, \$5 per 30.

BLACK WYANDOTTES. My original prize strain, acknowledged by authorities the original Black Wyandottes. Eggs from great pens, \$4 per 15, \$7 per 30. Birds for sale. Circulars.

F. M. CLEMANS

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Blanchard's White Leghorns

are no experiment, having been carefully selected and bred for over twenty years. No labor or expense has been spared in building up and perfecting this strain, and while the production of large, pure white, fancy market eggs has been the main object, **standard qualities have not been neglected.** They are large, vigorous, active and handsome. Good winter layers and keep at it all summer. Unexcelled as foundation stock or for introducing new blood. Stock for sale, both old and young. Illustrated circular free.

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Established 1888.
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Over 20 years spent with poultry, combining beauty and utility, winning sweepstakes, championships, medals, diplomas, cups, etc., etc. If you want strong, rugged, vigorous farm grown stock in pink of health and condition, send us your orders. We have pleased thousands and can please you. Over 5,000 birds on our farms. Cocks, cockerels, pairs, trios or pens (mated for best results) at reasonable prices. Eggs for hatching by the setting or thousand. Varieties: Barred White and Buff Rocks, White, Buff and Columbian Wyandottes, White, Buff, Brown and Black Leghorns, Buff, Black and White Orpingtons, S. C. and R. C. R. I. Reds, Brahmas, Langshans, Cochins, Houdans, Games, Ducks, Geese, Turkeys, Guineas, Pheasants, etc., etc.; also Pigeons, Dogs, Goats, Sheep, Swine, etc., etc. Equipment for poultry plants, kennels, loft and farms. Combination prices at a big saving. Write today for our free bulletin, published quarterly.

STRUBLE'S S. C. BUFF ORPINGTONS

Won First Pen at Madison Square Garden, New York, Show, 1908 and 1909, with 15 pens competing, and we won on old birds, our competitors showing young birds. This pen was the sensation of the show and we refused \$500.00 for this pen offered by a prominent breeder, but we still have them in our yards and can sell you cockerels and pullets bred from this pen and others their equal that are properly mated for best results in and will produce winners for the best of shows.

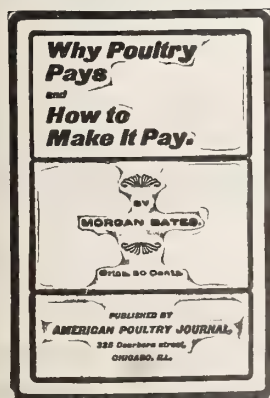
We have helped others to win the blue at our largest shows and can help you and for the first time in five years we have decided to sell a few eggs at \$1.00 each, and as we will only spare 200 of these eggs this season, first come first served. We expect to hatch our Madison Square Garden winners from these eggs and you have an equal chance with us.

Why not place your order with the man that breeds the winners for some of the best shows in this country and the only breeder that has confidence enough in his stock to ship them C. O. D., which is the only fair way to buy high-class show birds of anyone? Nuff said.

Z. D. STRUBLE

ORPINGTON SPECIALIST AND LICENSED CLUB JUDGE

LOCK BOX 16, BASCOM, OHIO

**WHY POULTRY PAYS AND HOW TO MAKE IT PAY**

A book for the beginner in poultry raising and for those engaged in it who are interested in securing from the business the greatest profit obtainable. This book tells you how to start right, how to succeed with poultry, how to line breed, how to win at the shows, how to breed and prepare fowls for market, how to feed for the production of eggs. Also contains a chapter on Poultry Diseases and simple remedies for same. Gives instructions on incubators and brooders and much other valuable information, and is profusely illustrated with ideal drawings of Standard fowls.

We are selling this book at the popular price of **50 cents**. This book and one year's subscription to American Poultry Journal for only **75 cents**. Send all orders to

AMERICAN POULTRY JOURNAL PUB. CO.
358 DEARBORN STREET CHICAGO, ILLINOIS

had on the floor one of the finest exhibits ever put up by this company. They are making a good machine and pleasing their customers, the which is after all the true test of a machine. The Mandy Lee machine was in operation during the show, bringing out a great number of hearty chicks. The poultry appliances that are manufactured by this company were also on display and created favorable comment. The company knows after years of experience just what the trade is wanting and does its best to make up good appliances at right prices.

Frank Miltenberger, Cortland, Neb., was one of the successful exhibitors of Columbian Wyandottes. He had out a great showing and won liberally of the blue ribbons. We are glad to see Mr. Miltenberger doing so well with the Columbians, as he has good stock and lots of it, and sells it at reasonable figures. The males he showed were very shaply and while some of his females were still young their good quality could be easily seen and the judges appreciated it. Get in touch with this flock if you want Columbians.

The exhibit of W. D. Barrett, Shelton, Neb., was good all the way through. He showed some fine White Orpingtons and Houdans, and got well up in the money in all classes he showed in. Mr. Barrett has been an advertiser for a number of seasons and we can say that his exhibit was up to the high standard he has set with his birds.

Burhans.

We lead, others follow.

ASHTABULA, OHIO.

The Northeastern Poultry and Pet Stock Association held one of the most successful shows ever held by the association in the Warren block, February 1-15, 1910. The boys certainly upheld their slogan of "Better, Busier and Bigger Ashtabula," as attendance was large and the interest keen, which shows that the exhibition was a success, both financially as well as from a fancier's standpoint. The center of attraction was the large pen of pheasants which was placed in the front part of the building.

The largest entry was to be found in the S. C. Rhode Island Red class. Mr. O. O. Hansch, of Perry, Ohio, captured the lion's share of this class, which were as follows: First, second and third pullet, fourth cockerel, first cock, first and third hen and first pen. His first pullet was a beauty, she also having won color special on female at the Youngstown show, 1910.

The White Rock class was a close second to the Reds. In this class Mr. Wm. C. Eagley, of North Gilead, Pa., won first and third pullet, third cockerel, second cock, second hen and third pen.

Next year the association will hold its exhibition in the Lyceum, the largest public hall in the city, as the enthusiasm has been so great among the old and new members that it was found impossible to hold their next show in the present quarters. All indications point

to the fact that the Lyceum will be filled to its utmost capacity.

SCALY LEGS.

This disease is usually caused by fowls sleeping in filthy quarters. It is also caused by a small parasite which works underneath the scale of the leg. Oftentimes their legs will be twice their natural size. If the legs of each fowl were anointed once each month with equal parts of sweet oil, kerosene oil and alcohol they would never become scaly. A good remedy is lard and kerosene oil, equal parts; add enough sulphur to make a paste, then apply this to the legs and bandage them, leaving the bandage on for a week. If at this time the scales have not disappeared, repeat the treatment, as it is a sure cure.

NEW MANAGER.

Mr. E. T. Jacobs, of New London, Ohio, who for the past seven years has been connected with the poultry plant of Mr. Chas. McClave, of New London, Ohio, has accepted the position of superintendent of the poultry department of the Hartman Stock Farm, succeeding Mr. Hugo B. Hark, who resigned February 1. Mr. Jacobs is a well known fancier of about twenty years' experience and has the reputation of knowing how to pick out the good ones.

"We lead, others follow," is our slogan.

KAUFMANN & WINDHEIM'S FAMOUS "AMERICAN BEAUTY STRAIN" OF ROSE COMB RHODE ISLAND REDS

"HOLD THE WORLD'S SHOW RECORD"

Our record for the past three years at twenty-three of the best shows held in America stands unequalled. No record held by any breeder in this country can compare with it. Exhibiting thirty times, not only in one section or under one or two judges, but going from coast to coast and under twenty-four different judges, this record was obtained. Exhibiting at Madison Square Garden, Boston, Chicago, Indianapolis, the Jamestown Exposition, Washington, St. Louis, Augusta, Scranton, Allentown, Nashville, Paterson, Trenton, Richmond Hill, Newark, Orange, Morristown, Dover, Rutherford, Englewood, Montclair, Sacramento, Cal. and the Alaska-Yukon-Pacific Exposition, winning more first prizes than all other Rose Comb Red exhibitors combined, proves that the American Beauty Strain stands in a class by itself. We have also furnished for years first prize winners at the big shows—East, West, North and South; and today hundreds of Red men are exhibiting and breeding our strain.

If you are in the market for eggs that will hatch out winners for any show, write today for our handsome catalogue, showing photos and records of the winners that are in our pens this season. Compare us with the others—then judge for yourself. We have the quality, our prices are honest, and as for our reliability, ask any poultryman or judge in the country.

Kaufmann & Windheim, Originators - The Largest Exhibitors of Reds in America - Nutley, New Jersey



White Wyandottes

NEW YORK AND BOSTON WINNERS—Our birds have won at America's leading shows for the past twelve years and at the late show at Madison Square Garden our birds were again among the winners, capturing fourth and fifth cock, fifth hen and fifth cockerel. We are offering fifty high class breeding cockerels that will put **QUALITY** into your flock. A few pens and trios at "live and let live" prices.

Our White Rocks

Won at Madison Square Garden in the past, and for 3 consecutive years we have bred first chl. and color special at the Garden, and at Boston, 1910, on three entries we won 1st and 3d chl.; special for best colored male and \$100 challenge cup for champion male. These winnings added to our past record should convince you we have the quality you're looking for. Anyway, you may return them and get your money back if not as represented. Write for prices.

EGGS

From our pens, both varieties, which will contain all of our prize winners, carefully mated to produce more prize winners at \$5 and \$10 per fifteen. We sell you the same eggs we would set ourselves. We satisfied all our customers last year and we will please you. Write us today. Remember, we breed and raise all our winners. Stamp for mating list.

Rockandotte Farm W. R. GRAVES MRS. S. H. GRAVES **R. R. 3, Southboro, Mass.**



When it comes to producing fine poultry or holding poultry shows, the state of Indiana pre-eminently takes the lead. The Indianapolis show which just came to a close was another fine example of this kind. Quality is a word that fits in to perfection here, especially in Barred Rocks, White Wyandottes and Reds nothing better could be had. While the Tomlinson hall is not very large the entries had to be limited, so great was the demand that many entries had to be refused. The attendance was of the best and many fine sales were made. The poultry press was well represented and all did good business.

At the annual election held the following were elected: President, U. R. Fishel; vice presidents, C. L. Buschmann, C. Milhouse.

With these gentlemen in charge of the next show there can be no doubt that it will be better than ever. It was suggested by some that the boxes be removed from the sides and rear of the hall. This would give considerably more space and accommodations for 500 birds more would be secured in this manner. There was general satisfaction of the work of the judges and no kicks were registered. This is noteworthy on account of the hot competition in some of the varieties.

S. A. Nofztger's and C. L. Buschmann's exhibits as well as U. R. Fishel's

\$5,000 hen "Louise" were the center of attraction at the show and they did a rushing business. C. E. Spaugh, J. C. and C. I. Fishel were visitors at the show and reported record breaking sales, in fact J. C. said that this was his banner year so far and that the demand for his Wyandottes this year exceeds all former records. U. R. Fishel reported a \$1,100 shipment the week previous to the show.

In connection with the poultry show was held a cat show, a dog show, and this year they also had a pigeon department. The show was an unqualified success in every particular, the exhibition being better and larger than ever before and the attendance broke all past records. Something over 1,500 head of poultry was on exhibition and the hall was taxed to its utmost. The Barred Rock class was first, which means that it was a hot class at Indianapolis. One of the pens which particularly attracted our attention was that exhibited by G. Earl Hoover, Mathews, Ind., which contained a very fine line of specialties.

Considerable enthusiasm was exhibited at the exhibition of Partridge Plymouth Rocks by S. A. Nofztger, North Manchester, Ind., who had a fine line of these birds and captured first, second and third cock, first and third hen, and first, second and third cockerel, first and third pledge, no pens being entered.

The Rhode Island class was large in

both the rose and single combs. In the rose comb class C. L. Buschmann, 4939 Meridian street, Indianapolis, Ind., succeeded in capturing all the first prizes on a very fine string of Rose Comb Reds. Mr. Buschmann had displayed his non-fading Rose Comb Reds, around which was always to be found a crowd of admiring fanciers who appreciated a high class quality of birds exhibited by Mr. Buschmann. It will be remembered that Mr. Buschmann's birds have been large winners at a number of other important shows during the last several months.

Dillon & Bell, 4106 Colerain avenue, Cincinnati, Ohio, exhibited some nice Rose Comb Reds, winning third cock, third hen. They also exhibited some fine Golden Wyandottes, winning first and fourth cockerel, third and fifth cock, second hen and third pullet, first pen, second club ribbons, and silver cup for best display from the city of Indianapolis.

One of the important winners in the White Wyandotte class, whose exhibit showed high class specialties, was George F. Schmidt, Martinsville, Ind. He won first and second pens, fourth and fifth cockerel, fourth pullet and fifth hen. Also silver cup for best display.

One of the sensations of the show was the first prize Black Orpington cock "Othello" exhibited by the Blue Ribbon Poultry Farm, Columbus, Ind., the bird having been first prize winner at Manchester, England. He shows excellent type, being low down and cobby, good length, broad back, and well spread tail, with head points that are perfect, and color of the first type. He is pronounced by several competent judges to be the finest Black Orpington cock exhibited this year. The Blue Ribbon Farm will have him mated to six ideal mating hens, and best results are assured from this mating.

Mr. Carl Byers, Hazelrigg, Ind., showed the first prize pen of Black Orpingtons, and first prize pen of Buff

Only hover made complete with floors, sides and runs; and if required, with top covering.
Hover alone with floor \$6.00
Hover with top \$7.00



THE MODEL HOVER WORTH MORE: COSTS LESS

You want to get a brooder as cheap as possible and you can do it if you use judgment. First make sure that there's lots of heat in the brooder; then make sure that it is built good enough to hold the heat; then figure out how many chicks it will hold--how much floor space you are getting and you can then decide whether or not you are getting the best bargain.

There are no brooders that equal the Models on all these points, many thousands have been sold. Many experiment Stations use them in preference to all others.

Drop us a card for free particulars about our big line of brooders--the best and most complete line made.

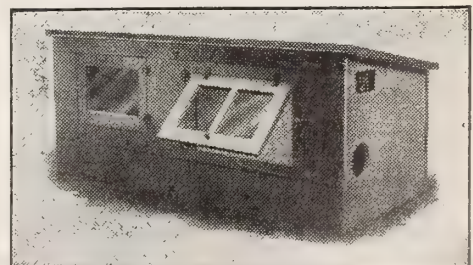
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MODEL INCUBATOR CO.
BUFFALO, N. Y.

POOR BROODERS POOR BROODING KILL CHICKS

What ~~ails~~ your chicks year after year? In nine cases out of ten it is Want of Heat, Want of Fresh Air.--Both Scientifically Blended in a Perfect Brooder.

It would be laughable if it were not so ruinous to poultry keepers to have an expert examine some of the articles offered for sale as brooders, but it is only beginners who get fooled this way and they soon get wise.



The Biggest and Best Brooder made. It Blends Perfectly. Heat and Fresh Air, and affords More Floor Space than any other Brooder made for the money.

36 by 72 inches--only \$15

R. C. Reds

BATTLEVIEW FARM

C. R. APPELGADE, Proprietor

FREEHOLD, N. J.

Booking orders now for spring hatching. Yards 1, 2 and 3, \$2.50 per 15. Utility yard, \$1.25 per 15; \$5 per 100. These birds are all farm raised and on unlimited range. Baby chicks, \$12 per 100. 1910 catalogue ready after February 1.



EGGS BUFF ORPINGTONS EGGS

Willard's big Buffs get there. They always win. Madison Square Garden, New York, Boston, Chicago, St. Louis, State Fair, Detroit, etc. We've uniform type, great size, exhibition color, solid wings, nice combs and red eyes, heavy layers. Stock for sale. 15 grand matings. Eggs \$1.50 to \$20.00 per fifteen. Our customers win and make money everywhere. We make good. Twenty page catalogue. Eight fine pictures free. Write for it today.

John O. Willard : Vice-President of the National S. C. Buff Orpington Club : Linden, Mich.

Rausch's Barred Rocks

won at the great St. Louis show, held in Nov., 1908, 1st and 2d cock, 2d hen, 3d cockerel, 2d pullet, in a large competition. At the Centennial show, held in St. Charles, Mo., Oct., 1909, I won 1st cock, 1st and 2d hen, 1st and 2d chl., 1st, 2d and 3d pullet, in a large competition. Egg orders booked now, \$3 per 15. Also Italian Bees.

LOUIS RAUSCH, CREVE COEUR, MISSOURI

JONES' WHITE ORPINGTONS

WON AT ST. LOUIS

At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female.

J. W. JONES - - BROOKFIELD, MO.

RUSSELL FARM WH. WYANDOTTES

WINNERS AT GUELPH, TORONTO, BOSTON AND OTTAWA

This season at above shows they won seven first prizes out of a possible 16 competed for in the best and largest classes ever seen with over 700 birds competing as follows, at

GUELPH—Canada's Great Winter Fair: 1st and 3d cock; 2d, 3d and 4th hen and best collection. **TORONTO**—1st, 4th and 5th cock; 1st, 2d and 5th hen; 4th, 5th and 6th cockerel; 1st and 2nd pullet and specials. **BOSTON, MASS.**—5th cock and 4th cockerel. **OTTAWA**—Eastern Ontario: 2d, 3d and 5th cock; 1st, 2d and 5th hen; 1st, 2d, 3d and 5th cockerel; 1st, 3d 4th and 5th pullet.

Our pens are mated and contain all above winners, those of last year and our choicest reserved breeders of two years, including the first prize cock at Boston, 1910, and the second prize cockerel at New York, 1910.

FOR SALE: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write me your wants.

JOSEPH RUSSELL, PROPRIETOR, 1308 QUEEN STREET EAST, TORONTO, ONTARIO

HALBACH'S WHITE PLYMOUTH ROCKS

Established a BIG RECORD by winning:

Best Display at Chicago, January, 1907

Best Display at Chicago, December, 1908

Best Display at Chicago, December, 1909

You would be surprised to know that in addition to winning year after year, birds purchased from me or hatched from eggs I sold, have won at the largest shows in the country. I could mention show after show where my birds have won the best prizes, but I honestly believe this honor belongs to the purchaser. So, when you buy birds from me, you need not be afraid that your winning will be published by me. Write for mating list with a cut of "Leader," my first Chicago cockerel and other famous birds. A choice lot of breeding cockerels left at from \$3.00 to \$10.00.

H. W. Halbach Box A Waterford, Wis.

Orpingtons, which latter was the sensational pen of the Orpington alleys. He won three special silver cup on three pens. Mr. Byers reports being especially strong in Buffs at this time. He had on exhibition a large star made of ribbons won on his Orpingtons at many of our premium shows. This was a handsome piece of work, and attracted considerable attention.

Thaddeus E. Allee, Chicago, Ill., exhibited six White Langshans, winning two firsts and two seconds, one third and one fourth. His birds showed good Langshan type with good feathering, and were white throughout.

J. H. Trobaugh, Delphi, Ind., exhibited White Plymouth Rocks, winning third pullet, fourth and fifth hen, fourth cock and fourth cockerel.

C. C. Herron, Hope, Ind., breeder of Pekin ducks, won eight ribbons on eight entries as follows: First and second old duck, first and second young duck, second and third old drake, and third and fourth young drake. Mr. Heron makes a specialty of Pekin ducks and has a large flock of them and is prepared to furnish eggs and stock in any numbers.

One important class at the Indianapolis show was Single Comb Buff Leghorns, in which Peter S. Hurt, of Thorntown, Ind., won second cock, first and fifth hen, fourth pullet, and first and second pens, special for best shaped male, special for best colored female, special 26-piece silver set for best display. Mr. Hurt reports that he exhibited five different strings of Buff Leghorns at five different shows, including Chicago, St. Louis, Boston, Cleveland and Indianapolis, and that his birds were always well up among the winners. He also exhibited some Indian Ducks at Indianapolis, which birds were typical specimens and were among the winners. In the Buff Leghorn class some of the winning specimens were birds which had come from Mr. Hurt's yards.

Among the poultry supplies was the Norwich Automatic feeder. J. G. Herman & Co. had on exhibition a nice display of their poultry food and made many sales during the show.

Welldon's Fireless Poultry Fountain and Feeder had an exhibition at Indianapolis, which was in charge of John C. Plane, and much interest was taken in their fountain and feeding device, which certainly solves the problem of keeping warm water before the poultry during the cold weather, for water in this fountain will remain warm for many hours.

Louis A. Stahmer.

Not as many S. C. Blacks as previous year, but of excellent quality. The winners of the Middle West brought together for the final contest. First cock, good, long back, good color, but only fair comb; every feather perfect and in first class condition. Second cock, ten and one-half-pound bird, good, even comb, elegant color; tail broken from too much showing. The sire of 1st cock and 2d and 4th cockerel. First hen one in a thousand. The largest we have ever seen. Good comb, ear lobes elegant color and rare type bird. First at St. Louis and, we believe, a Madison Square Garden winner. Second hen a good, large bird; good style and color, only a fair comb. Fourth hen looked to us better than third. Had a longer back and better style and color. First cockerel, fine style, elegant color, good comb and low tail. Worthy of first place. Second a good, high-stationed

bird, good color, low tail, fine wattles and ear lobes. Middle spikes in comb a little broad. Third cockerel good type bird, good color and comb. Fourth cockerel late hatched bird and undersized.

Pullets. Six of the class almost evenly matched. Took Judge Tucker thirty minutes to place the 1st. She was good in all points and possibly a 96-point bird; was also Chicago first-prize winner. Second pullet good type, large size, good color, very fine bird. Third pullet elegant color, fine style, tail a trifle high. Fifth pullet a very fine bird and two unplaced ones worthy in a class of less quality.

Cock in first pen fine in shape and color, good head points, tail too high. Hens a good even lot, with good style and color.

Second pen had two grand hens, one out of condition and one pullet only fair. Cockerel undeveloped, good head points, tail a little high and broken.

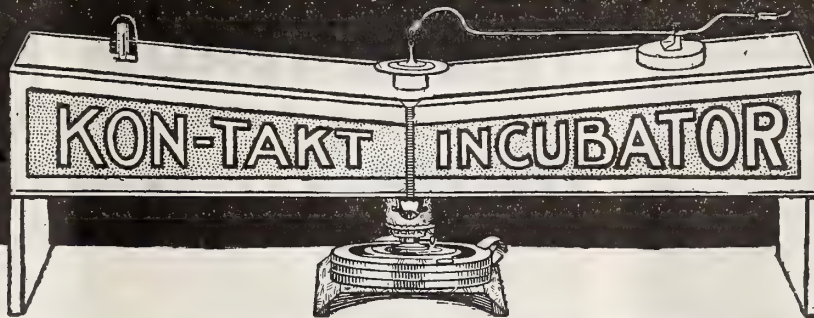
Rose Comb Minorcas. First and 2d cocks very fine specimens, good style, color and size. The same may be said of 1st and 2d hen. First cockerel a fine, large bird, having good type, color, head points; about as good a specimen as we have seen for some time. Second cockerel not so good in comb, only fair size, but good color. Fourth a very promising youngster, but undeveloped. Four extra good pullets, third having a shade on the others, but all but one feather missing in her tail. First pen is where the real quality lay, an elegant cock, with fine comb and ear lobes; good, long back, low tail and fine color. Hens the largest specimens we have ever seen, true Minorca type, fine color and beautiful combs and ear lobes. Second pen very fine; also cock not as good as first but fine specimen, good type and all good color birds. Third pen capable of winning against most any pens but these two. No White Minorcas shown.

UTICA (N. Y.) POULTRY SHOW.

The fourth annual exhibition of the Utica Poultry & Pet Stock Association, held January 17-21, 1910, was an unqualified success as to the number and quality of the birds on exhibition and from a financial standpoint. Supt. I. N. Gaymonds and his assistants had things well in hand. The exhibits were well cared for and the hall kept neat and clean. Empire coops were used, which showed the birds to the best of advantage. The promptness with which the officers got out the marked catalogue could well be followed by some of our larger exhibitions. Secretary Austin G. Warner was on hand most of the time looking after the work connected with his office and giving a general welcome to all. In all, there were about 1,400 fowls, pigeons and cats on exhibition, and if the Utica show keeps on growing the association will have to get a larger hall for its next ex-

BOTH GIVEN AWAY

1. A "KON-TAKT" INCUBATOR
2. A FULL \$1.00 PACKAGE OF WILBUR'S POULTRY TONIC



The Wonderful "KON-TAKT" Incubator

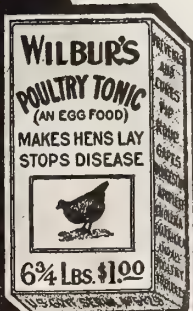
ALL METAL AND THEREFORE FIRE-PROOF

Sets like the hen, with the body in contact with the eggs. Heat distributed and regulated perfectly and uniformly at all times in all parts of the egg trays. There is no "moisture problem" because there is no circulation of hot air to absorb moisture from eggs. Natural moisture remains in eggs as it does under hen. Hatches every egg that the best setting hen could hatch.

The "Kon-Takt" follows Nature's method, and gets Nature's results—a strong chick from every strong, fertile egg. Most convenient incubator made. Can be placed on a shelf, table or in any convenient place in any room, and is easily moved from place to place. Half gallon of oil completes a hatch.

Our Great Introductory Offer

In order to introduce Wilbur's Poultry Tonic, we will give away a complete "Kon-Takt" Incubator, together with a full size \$1.00 package of Wilbur's Poultry Tonic, to every person who accepts our offer and mails attached coupon at once. Send the coupon now and get complete description of the "Kon-Takt" Incubator, and full particulars how to get it without costing you a cent.



What Wilbur's Poultry Tonic Is

A perfectly healthy hen will lay. She is an egg machine. When her system is kept toned up to its normal activity the food she eats is turned into egg production.

Wilbur's Poultry Tonic keeps hens in healthy, normal, active, egg-producing condition. It has been used for twenty-five years by tens of thousands of poultry-keepers, and is now the most popular of all poultry tonics, because it never fails to give money-making results.

It keeps young chicks growing, making early broilers. It keeps cocks vigorous, insuring fertile eggs. In short, it keeps the whole flock in pink of health and condition with the natural result—highest production.

WILBUR STOCK FOOD CO.

965 Huron St., Milwaukee, Wis.

Tear off on this line
 WILBUR STOCK FOOD CO., 965 Huron St., Milwaukee, Wis.
 Gentlemen:—Without obligating me in any way please explain how I can get the "Kon-Takt" Incubator and a \$1.00 package of Wilbur's Poultry Tonic, BOTH WITHOUT COST.
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 P.O.....
 State.....

hibition. The Barred Rock classes contained some exceptionally fine specimens, notably the 1st cockerel owned by Fred Zumbrum, and the pullet bred pen of A. C. DeForest. White Wyandottes made up the largest class of the show and birds of quality were the rule. Ira N. Gaymond's exhibit from Marcy, N. Y., attracted much attention and received many compliments. We understand Mr. Gaymond made some good sales of stock during the show. Columbian Wyandotte classes were full of quality. Those shown by Austin G. Warner, New York Mills, N. Y., were of the correct type, with splendid striped hackles and well laced tail coverts. There was a rare clearness of color noted all through this exhibit. Mr. Warner also breeds White Wyandottes, but informed us that he was unable to find the time to show them this year. Rhode Island Reds, both Rose and Single comb, were large classes, the winners being of good type and color. Leghorns brought out several first class birds and nearly all varieties were shown. There was a small exhibit of Orpingtons, the Whites leading the other varieties in numbers. We had the pleasure of handling some of

Newton Adams' dark Brahmas while at Utica. We have heard for years that Mr. Adams owned one of the finest flocks of this grand old breed in the country, and after handling them we can only say we believe he does.

The display of feline beauty was the center of attraction for the ladies and children, many of the most celebrated cats of the country being on exhibition. Entries were made from Michigan and many of the Eastern states.

Harry M. Lamont.

THE BUTLER (PA.) SHOW.

The Butler County Poultry Show, at Butler county, Pennsylvania, was a complete success. It is said that the classes were the largest, and quality the best in the history of the Butler county shows.

The Butler County Poultry and Pet Stock Association held their sixth annual exhibition February 1 to 5, 1910, in the Atwell building, West Wayne street. There were 760 entries, including turkeys and water fowl. The coops were single-decked, and arranged on two large floors of the building, in excellent shape.

The association, as well as Judge A. F. Kummer, and H. B. Arble, he being construction engineer of the Butler county association, is to be congratulated on the neat appearance of the showroom.

The attendance was very good, considering the weather, and every one who attended was well satisfied.

Judge Kummer got down to business on Wednesday of the week and the awards were all placed, and every one pleased and smiling by nightfall Thursday.

On entering the showroom, right at the head of the hall, was a large decorated enclosure filled with thirty beautiful white fan-tailed pigeons, which gave the entrance to the show a very beautiful appearance. Passing on into the aisles to where the Rose Comb White Leghorns, Blue Andalusians, Mottled Anconas and White Wyandottes were stationed, every one expressed delight at seeing such a beautiful lot of healthy birds. Along the middle aisle was a display not to be forgotten. Dr. Ford H. Hayes had twenty-two very fine Rose Comb Black Minorcas which were conceded by all to be the best of their class ever exhibited at Butler. On pass-



First prize and color special at Cleveland, 1910

TANNENBAUM FARMS

—"VICTOR" STRAIN—

Barred Plymouth Rocks

Continue to keep in the front rank at the big shows and there is no reason why they shouldn't as they have been produced from lines that have been winning for the past several years. At Cleveland this year we won first and fifth and color special on hens and second and fifth pens. Our matings this year are second to none, as our "Victor" strain are so named because they combine high class exhibition quality with utility being exceptional good layers.

Our Columbian Wyandottes

Are also getting their usual share of high honors. At Cleveland we won second and fourth hens and second and fourth pens, showing none of our previous winners. At Madison Square Garden we won first on pullet and have added second cockerel and second pen at this same show to our breeding pens. First and second pullet and second cockerel at the Ohio State Fair are also among our list of winners. We have mated a few unusually choice breeding pens. Send for catalogue containing mating list, description and photos of plant, stock for sale, etc.

Tannenbaum Farms, Willoughby, O.



1st prize Col. Wyandotte pul., Madison Sq. Garden, '10

ing into Brown Leghorn row we found P. C. Cronenwett doing honors with his display, carrying off a silver cup, as well as a score of blue ribbons. Golden and Silver Laced Wyandottes were well represented by W. J. Fox, of Cabbot, Pa. He showed his \$500 cockerel, also a string of the finest gold and silver laced Wyandottes ever seen in this part of the country, carrying off a large silver cup, also winning grand special for largest display in the showroom.

excellent showing in the largest class of Single White Orpingtons ever exhibited at Butler.

GRINNELL, IOWA.

At a recent meeting held in the office of H. O. Shaw, Grinnell, Ia., a poultry association was organized and officers elected. The association will be known as the Grinnell Poultry Association, and its members are limited



KING PERFECTION.

Cockerel heading first prize White Wyandotte pen at Boston, 1910. Bred and owned by J. W. Andrews, Dighton, Mass. This pen was called by experts by far the best pen ever shown at Boston, where the best from the United States and Canada competed. This is Mr. Andrews' fourth win of first pen at Boston. He also won first, second and sixth cockerels.

R. A. Poole, Butler, Pa., also had a fine display of Gold Laced Wyandottes, but did not compete, he being president of the association. White Plymouth Rocks were nobly represented by J. C. Lydon, Burton Bros., also S. H. Lyon, of Butler, Pa. The birds bred by these gentlemen were beauties, and it was a toss-up for honors. Orpingtons of all varieties were out in full bloom, but the exhibit that attracted attention was the Single Comb White Orpingtons, bred and owned by L. A. Glessmen, of Mars, Pa. They were exact duplicates of Kellerstrass' famous birds, and made an

in Powesheik county, together with parts of Jasper and Marshall counties as are natural business tributaries to Grinnell. The initiation fee will be \$2, and annual dues, \$1. The following officers were elected:

President, L. L. Woods; vice-president, A. C. Norris; secretary, D. A. Hopkins; treasurer, H. O. Shaw. Board of directors: R. A. Terrell, F. C. Stickle, W. K. June, J. P. Dale, Dr. G. B. McGuin, Hilary Goode, John Hastings.

Want the best, and get what you want.

Cut Out Those Drones

THE WORLD'S BEST TRAP NEST

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine



The "Signet" Leg Band

Light, adjustable. Positive lock. Numbered to suit purchaser. Price postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. W. J. Bail, Salem, O.

WHITE ROCKS

AS WHITE AS SNOW

50 Big, Pure White Cockerels and 200 Females that will breed winners. I furnish the winners at the largest shows. For quality in White Rocks, write

A. C. Hawkins

Lancaster : Massachusetts

—Read Ad on Back Cover—

DUSTYNE

A DUST BATH that exterminates lice and mites without labor on your part, for the chickens do the work

UNDER HOVERS: It not only prevents the breeding of lice, but it absorbs the moisture and poisonous gases

FOR BROODERS: It is positively the solution of the lice problem in the raising of little chicks

ON DROPPING BOARDS: It has proved itself the ideal absorbent

DUSTYNE IS SOLD in 200-pound bags. One bag, \$2.00; two bags, \$3.50. Freight prepaid east of the Missouri. For further information or testimonials, address

POULTRY DUST BATH CO.
BOX M : : WHITING, IND.



This department is open to all readers and advertisers in the eastern territory and all are invited to send in all poultry news items that come to their attention. Address H. P. Schwab, eastern representative, Irondequoit, N. Y.

It's just as natural for the A. P. J. to lead as it is for others to follow.

In mating bear **QUALITY** foremost in mind, bend every effort to secure this. It is not a question with the fancier of how many, but how good.

The receptions handed the exhibitors and visitors at the Buffalo show was as welcome as it was gratifying to all. Buffalo **NEXT**, will ring down the line from now on—to the next.

How about your vote for the next A. P. A. meeting? Buffalo is asking for this, and they deserve all they ask for. Buffalo has made good.

At the annual meeting of the American Plymouth Rock Club, held at Buffalo, Mr. C. H. Welles, Stratford, Conn., was re-elected president, and Mr. A. C. Smith, Waltham, Mass., secretary and treasurer. This is also Mr. Smith's second term. Both have proven valuable officers and we are pleased to chronicle their re-election.

Mr. Theo Hewes should feel highly honored at his Buffalo reception, the news of his grand work at the Chicago show had preceded him here, and his welcome was all that could be desired. He has done for Chicago what no other could, and has placed it in line with our best and greatest shows.

What lessons has the 1909-10 show season taught? Have you noted the prosperous breeders, the general improved quality of birds, the particularly improvement in shape and condition, the increased entries, and the increased number of shows, the ever great increasing demand for better stock, the spirit of the breeders, and the spirit of

the times, and, above all, the general interest shown by the public?

There are reasons for all this, it is the sign of the times. Prices have warranted all this, and the demand has outdone even the prices. These conditions will continue, they will better, and it is up to every poultryman to give his best efforts in producing more and better stock, and to reap in return the harvest that awaits them.

If you are looking for some nice and handsome variety to breed, try the White Laced Red Cornish. Their style and form, as well as color and markings, are very attractive. They have an abundance of breast meat, and it of O. K. quality too. Ask J. Thomas Harp, of Buffalo.

Two Sides.

A little boy was given too much underdone pie for his supper and was soon roaring lustily.

His mother's visitor was visibly disturbed.

"If he was my child," she said, "he'd get a good sound spanking."

"He deserves it," the mother admitted, "but I don't believe in spanking him on a full stomach."

"Neither do I," said the visitor, "but I'd turn him over."

Just sixty-five breeders from Canada were exhibitors at the great Buffalo show, and most of them attended. Their part in the show, as well as in the festivities, was conspicuous, and we were assured they had the time of their lives. Colonel Dick Oak arrived on Friday from the Cleveland show and just in time for the closing seances.

"The American breeders should remem-

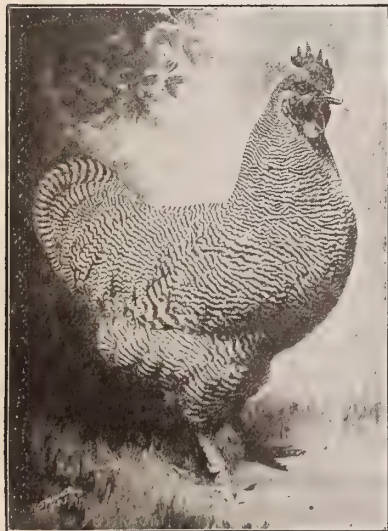
ber the winter fair at Guelph. This is Canada's greatest show, and worthy of best consideration. They will not only find a grand display of the best to be had in poultry, but they will also find a welcome banquet and a general good time.

We would like to have a list of the political officeholders that are poultrymen. This would be interesting reading. There is our old friend Sam D. Lapham, Dearborn, Mich., who has bred "Birds of Quality" in Buff Rocks for many years. His winnings would fill books, and among the boys he is only known as Sam, but in his home town it is The Honorable, for there he is mayor of the city and has now served several terms with general satisfaction.

Down in Connecticut Charlie H. Welles is the whole show in his home town of Stratford. When he is not figuring on how to produce more "Fluffy-Ruffles" he is busy with the business of the town, of which he is presiding elder (or something of that kind), and they say he has been just as successful in that roll as he has been as one of the very best breeders.

Mr. D. M. Coverts, of the Coverts Barred Rock Farm, Willoughby, Ohio, was elected a member of the American Plymouth Rock Club executive committee at the Buffalo meeting. Here is some new blood and of the right kind for the club. Mr. Coverts has done well as a breeder and he will make good in any office intrusted to him.

In the last issue of the A. P. J. were shown some of our artist's (L. Stahmer) best work to date. The Chicago winning pen of S. C. Buff Leghorns, bred by F. A. Teckonius, Racine, Wis., is an artistic and beautiful piece of work. The Leghorn type shown here is ideal, while the finish and detail work is perfection. Mr. Stahmer also further illustrates his abilities with other work, and in particular on page 233 with four cuts of White Leghorns. Note the pen cockerel and the first Chicago pullet. In this pen cockerel Mr. N. P. Easling, Pekin, Ill., has a wonder in form and style. We congratulate the owner of such birds and also the artist for his



Spaugh's Result II. 1st cockerel Springfield and Indiana State Fairs, 1909.

WIN EVERY FIRST

SPAUGH'S BARRED ROCKS again show their superiority by winning at the late Columbus, Indiana, show first and second cocks; first, second and third hens; first and third cockerels; first, second and third pullets; first and second pen and silver cup for best Barred Plymouth Rock. This winning, together with their other grand record this season, demonstrates that

I Have Rocks That Fit the Standard

I am making a **SPECIAL PRICE** on a few trios and pens which will give you a good start in Barred Rocks for but little money. Write and see.

Eggs My pens are mated. They contain my prize winners rightly mated to produce more prize winners. I have no reserved pens. You get my best at only \$5 per 15.

My New Barred Rock Booklet

Now ready. It gives you much valuable information on Barred Rocks. It is handsomely illustrated and I only ask you to send one dime to help pay cost of same. Send for it today.

C. E. Spaugh, Box T, Rugby, Indiana

success in nosing birds and bringing out all that is best in them.

An Indignant Outcry.

"What's the matter with the hens, Mandy?"

"Why, they've been making that same fuss ever since Jirab dropped the circular in the barnyard tellin' how eggs wuz 40 cents an' goin' up. Jirab ought to had more sense. I s'pose now they'll demand better feed or quit layin'!"

* * *

The first prize New York pen of Barred Plymouth Rocks shown on page 195 is another splendid piece of work and perfectly natural. Here can be seen the quality required to win at the Madison Square garden show. We have seen and handled these birds and a more life-like illustration could not be made. While we value and admire this work we also feel indebted to Owen

publish them so that our readers may also know what A. P. J. advertisers are doing in the show room.

At the "Ontario," held at Guelph, on R. C. B. Minorcas Dr. MacRae won second cock, first hen, first and second cockerel and first pullet; all club specials and all cash specials. On Black Cochins Bantams first and fourth cocks, first and third hens, with special for best Cochins Bantam male and female, of any variety.

At the International, Buffalo, N. Y., he won on R. C. Black Minorcas in a class of sixty-three birds first hen, first cockerel, third pullet and first pen; with club specials for best hen, cockerel and pen. This from a class containing several New York winners. On Black Cochins Bantams he won first cock, first hen, second cockerel, third pullet and first pen; with specials for best Cochins Bantam male and female, any color; also for best pen ornamental bantams,



A view on the Buff Orpington plant of A. E. Martz, Arcadia, Ind.

Farms for the skill displayed in breeding and mating such birds. They were grand winners, unquestioned.

* * *

We have just learned (February 12) with great regret of the death of Mr. M. S. Gardner, Palmyra, N. Y., a brother judge and breeder, and associate editor of the R. P. J. According to report Mr. Gardner was stricken on Tuesday, February 8, with appendicitis and operated on the same day. Mr. Gardner has not looked his old self for over a year. Working with him at the Canandaigua show last week he informed us that he was gaining and now feeling as good as ever before. How little we dreamed at that time that within the week he would leave us. We cannot find the words to express what his family and friends have lost. But poultrydom has lost a grand fancier and a successful breeder. H. P. Schwab.

DR. J. N. MACRAE, GALT, ONT.

Breeder of Rose Comb Black Minorcas and Black Cochins Bantams.

In writing us lately Dr. MacRae adds: "I presume a complete list of my season's winnings will interest you, so give them below." They do interest us to such an extent that we want to

and silver medal for best ornamental bantam, any breed, in the show.

Of first R. C. Black Minorca cockerel Judge J. H. Minshell says: "A wonderful bird, great size, with fine shape of body, good full breast, broad shoulders and fine carriage of tail. His color is almost perfect, comb is good and good lobes."

Of first Black Cochins Bantam cock Judge McNeil said: "A nice little fellow, splendid head, good comb, ear lobes and wattles, nice short back, with good cushion and short tail, grand leg and toe feathering, about as green as a bottle all over. He is the best Black Cochins Bantam I ever saw, and I recommend him for the best male in the show."

We hope in this issue to show cut of Dr. MacRae's first Buffalo R. C. Black Minorca cockerel made by our Mr. Stahlmer. We had the pleasure of inspecting this line of birds at the Guelph show, and there made the remark that they were the best in color we had seen. This, with their grand size, make them a most desirable line. For further information we would refer you direct to Dr. MacRae, Galt, Ont.

Dick Blue: Have you seen the last copy of the A. P. A. proceedings?

John Back-in-the-Brush: Well, I should hope so!

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction."

Hedges' Pedigreed White Rocks

Winners and layers. Won at Pana Poultry Show, January, 1909, 4 firsts, 4 seconds, 2 thirds, 2 fourths, also six specials. Egg records to 272, as shown by the trap-nest. Four good cockerels from fine layers at \$5.00 each. Eggs for hatching at \$3.00, \$5.00, \$10.00 per 15. Mating list free.

Miss Alice M. Hedges Box A, Pana, Illinois



LAKENVELDERS

BELTED POULTRY

The best layers and the most beautiful fowl in the world. Send 2c stamp for circular, describing stock and giving list of winnings. Eggs and stock for sale.

Ralph C. Greene Sayville, L. I., N. Y.

Minorcas

We have excellent size, shape and color. Send for fine catalogue of breeding pens.

MINORCA RANGE

ROUTE 2

BIG RAPIDS, MICHIGAN

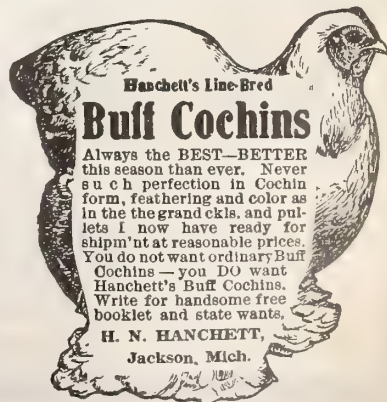


ROYAL BLUE

Was the Champion Sweepstakes Barred Rock Cockerel at the great New York Show, 1909. His sons have been winners at all the big shows this season. "Boston Blue" was the Champion Sweepstakes Cockerel and Lawson Cup winner at Boston, 1909. I have 60 High-Class Breeding Cockerels sired by these two Champions at \$10, \$15 and \$25 each. If you would breed Champions, you must have Champion blood.

A. C. Hawkins, Lancaster, Mass.

Ad on Back Cover



Hanchett's Line-Bred

Buff Cochins

Always the BEST—BETTER this season than ever. Never such perfection in Cochins form, feathering and color as in the grand cks. and pullets I now have ready for shipment at reasonable prices. You do not want ordinary Buff Cochins—you DO want Hanchett's Buff Cochins. Write for handsome free booklet and state wants.

H. N. HANCHETT, Jackson, Mich.



Questions will be answered in this department only when full name and address is signed by the writer.

Question—(1) Have had one or two of my Buff Orpingtons that have something wrong with them for which I can find no relief. Their necks appear as if swollen just above the crop, but when examined found that instead the neck just seems to be drawn in that shape, and stiff. Seems to give the fowl pain if you attempt to straighten the neck. They have difficulty in lowering their heads to the ground, also in picking up food, but can swallow food all right if placed in their mouths. They will remain this way for some time and finally die. Does not appear to affect other fowls. What is the cause and remedy, if any? (2) In a locality where eggs sell at from 20 to 30 cents per dozen from November till January inclusive, from 22 to 18 cents in February and 16 cents from March throughout summer, and young chicks sell from 20 cents in early spring down to 10 cents in fall, old fowls at 10 cents, which would be the more profitable breed to keep, Leghorns or Orpingtons? (3) What would be a fair average of eggs if given proper care for each of the following breeds: Leghorns, Orpingtons, Wyandottes, Reds, Minorcas? (4) Which of the Orpingtons are easiest to breed for fancy, white, black or buff, and why? A. W.

Ridgeville, Ind.

Answer—(1) Will some of our readers please answer. We are unable to do so. (2) This all depends on the man who is keeping them. One man will make more out of Leghorns under these conditions, while another will make more out of Orpingtons under same conditions. (3) A 50 per cent average is

considered fair for these varieties. (4) The breeders of these varieties claim that one is just as difficult as the other to breed to Standard requirements.

Question—(1) Will you please inform me through your paper how to build trap nests and dropping boards; also brood coops? (2) Also inform me of the Standard weight of B. P. Rocks; also the average egg yield? A. R. C.

Lilly, Pa.

Answer—(1) Space will not permit us here to give this information. There are a number of books on these subjects which are sold at a nominal price. (2) Cock, 9½ lbs.; hen, 7½ lbs.; cockerel, 8 lbs.; pullet, 6½ lbs. There is no exact data to go by on average egg yield, but an average of 150 eggs per year is considered fair.

Question—(1) In St. Louis and Chicago markets, which brings the highest price, white or brown eggs? (2) How high must a fence be to keep Leghorns in? (3) Are there any large exclusive egg plants where they keep only one breed other than Leghorns? J. D.

Murphysboro, Ill.

Answer—(1) There is very little difference, if any. (2) Eight to ten feet unless one of their wings is clipped. (3) Not that we know of.

Question—(1) How is blood meal made? (2) In using meat scraps, are they fed raw? And is liver used? (3) What are the symptoms of tuberculosis in young chicks? (4) What is the best all around chicken for amateur? (5) In starting to raise pure bred poultry is

it advisable to get eggs from different breeders? (6) Where does the most profit lay, in raising show birds or market poultry? E. M. D.

Bear Creek, Mont.

Answer—(1) This is made from dried blood, but we are not familiar with the process of manufacture. (3) They have a stunted appearance and do not develop in all sections in proportion. Sometimes the body will develop and the other parts will not; it may be only the head will develop very rapidly and they will have the head of a mature bird and the body of a chick. There are various other symptoms that space here will not permit us to mention. (4) Any variety that the amateur takes a liking to. All Standard varieties are good. (5) No. (6) In combining the two.

Question—(1) I am a young man that wants to raise exhibition Barred P. Rocks and Rose Comb R. I. Reds, but don't know a thing about it. I would like to have a book that told all about it. Where can I get it and at what price? (2) What is inbreeding? Outcrossing? (3) Is line breeding dangerous? (4) What is smut on a R. I. Red? (5) Is it safe to breed cockerels and pullets together? Cocks and hens? (6) How should R. I. Reds and B. P. Rocks be fed when in the breeding pen? (7) How is a good way to ventilate the roosting room? (8) I would like to learn how to score B. P. Rocks and R. C. R. I. Reds. Where can I find out how? (9) Which are best to raise exhibition chickens in, lamp brooders like "Cypress", or fireless ones like those of the Philo system? (10) Will eggs from hens that are penned up hatch as well as from those that have free range? (11) Will they lay as many eggs when penned up? H. O.

Charlestown, Ind.

Answer—(1) Get a copy of the American Standard of Perfection. Price, \$1.50. For sale by us. (2) The

A CLEAN SWEEP

After winning the beautiful Silver Cup presented by the President of the National Single Comb White Leghorn Club at Madison Square Garden, New York, December, 28th, 1909, to January 1st, 1910, for the best Cock, Hen, Cockerel, Pullet and Pen, we sent our stock to the Boston Poultry Association Show at Boston, Mass., January 11th to January 15th, 1910, and made the greatest win in Single Comb White Leghorns that has ever been made in Boston, entering two pens, one of old and the other of young birds and three cocks, three hens, three pullets and three cockerels.

We made a clean sweep of six firsts and a place with every entry, and won every special offered, including a silver cup, several money prizes, and many badges and ribbons. The first prize cockerel was awarded the American Poultry Association silver medal for being the finest cockerel of all the Mediterranean Class. He also won seven other specials. The first prize pullet alone won seven specials. In Barred Plymouth Rocks we won third and sixth cocks, fourth and sixth cockerels, fifth hen, fifth pen, and the special for the best shaped female in the Barred Plymouth Rock Class.

Send for beautifully illustrated catalogue and mating list

Exhibition and utility males and females for sale at all times

Eggs for hatching

Day old chicks

EVERYTHING GUARANTEED

Pine Top Poultry Farm

Breeders and Exhibitors of Barred Ply. Rocks and S. C. W. Leghorns

J. H. HALLOCK, Prop., Box 2, HARTWOOD, SULLIVAN CO., N. Y.

methods of inbreeding and outcrossing will be learned by you as you progress in the business. Space will not permit us to explain them here. Our book, *Why Poultry Pays and How to Make it Pay*, will help you along this line. Price only 50c. (3) Yes, unless you understand how. (4) Smut is a color foreign to the breed. (5) Yes. (6) Space here will not permit us to go into details on this question. Better get the book on this question. Price 50c. (7) By openings near the roof, over which tack muslin or burlap. (8) By studying the Standard and taking lessons from some good judge. (9) This is a matter of opinion. They are both being used successfully at the present time. (10) As a rule they will not. (11) Yes.

Question—Is it right and honest for a breeder to advertise winning first on Rose Comb White Minorca cockerel at the late Chicago show when the show record shows that another party won first prize? B. W.

Washington, Ill.

Answer—It is not, providing the prize was not awarded him.

Question—(1) How many points on comb of S. C. Buff Orpington? (2)



GOLDEN QUEEN.

Buff Orpington hen. Owned and bred by C. A. Keefer, Muskegon, Mich.

How many points on comb of Buff Rock? (3) Will other than regular number disqualify the birds?

Ashtabula, Ohio. C. E. G.

Answer—(1) Five. (2) Five. (3) No.

Question—(1) Does the Single Comb Brown Leghorn need a warm hen house in winter and how warm? (2) Do you consider the S. C. B. Leghorn originated in a warm climate? (3) The weight of Standard S. C. B. Leghorn cockerel and pullet, also hen and cock? (4) What is the S. C. B. Leghorn composed of, I mean how is it bred to get the S. C. B. Leghorn? (5) Does an extra large comb gain a point on the judge's bench at a poultry show or lose one? (6) Which is preferred, yellow legs or very light ones, nearly white? (7) Should a Brown Leghorn have a black bill or mixed yellow and black? (8) In feeding the S. Comb Brown Leghorn do they require as much meat and give the amount of grain in corn and wheat to be consumed daily, by 10 in number? (9) What is their best food to produce eggs in S. C. Brown Leghorns? (10) Can any chicken be too fat to lay if chicken is healthy, and why? K. C. R. Cuyahoga Falls, Ohio.

Rose Comb Brown Leghorns

The kind that have a record behind them. Exhibition stock and eggs a specialty. Write for mating list and show record.

H. C. FRANKLIN - - - TOWNSHEND, VERMONT

Chicago : Buffs That Are Golden : Minneapolis

Winners Buff Rocks, Buff Orpingtons, Buff Wyandottes, Buff Leghorns, and Buff Cochins, the greatest winter laying and prize winning strains in America, 5,000 prizes to their credit. Stock and eggs at lowest price. Circular free. Catalogue for 4c in stamps.

Ziemer's Buff Poultry and Bee Farm : : : : Austin, Minnesota

COLUMBIAN WYANDOTTES

Winners of 2d cockerel and 2d pullet at Indianapolis, 1910. Also 4 firsts at Louisville, Ky. Eggs \$2.00 and \$3.00 for 15.

B. N. Stephenson : Poultry Judge : Salem, Indiana

EGGS! EGGS! EGGS!

WHITE LEGHORNS :: WHITE ROCKS

The Two best Egg Strains on Earth! We have purchased the entire flock of Simon Bros.' White Leghorns, which are noted for their Exhibition and Egg record. Also four Grand pens of White Rocks which have an Exhibition and Egg record back of them. Will spare a few settings from the above pens at \$3.00 per 15. A good hatch guaranteed.

River View Poultry Farm :: Burlington, Iowa

Hartman Stock Farm Poul. Yards

COLUMBUS, OHIO

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale.

Day old chicks from our best stock for sale from March 15 to June 1.

Canada's Best R. C. and S. C. Black Minorcas

We won at Boston, January, 1910: S. C. cock, 1, 2; hen, 1, 2, 3, 4; cockerel 1, 2, 3; pullet, 1, 2, 3, 4; R. C. cock, 2, 3, 4; hen, 1, 3; cockerel, 1, 2, 4; pullet, 2, 3, 4, 5. Buffalo, January, 1910: S. C. cock, 1, 2; hen, 3, 4; cockerel, 1, 2; pullet, 1, 2. We sold the eggs that produced the R. C. Cock that won First at Guelph, Boston and Buffalo this season. We bred and raised the First S. C. Cockerel and Second S. C. Cock at Madison Square, New York, December, 1909, also first prize winners at Chicago and other large shows. To clean out we will sell 35 S. C. and R. C. Pullets at \$2.00 each. All eggs are \$5.00 per fifteen. Ten eggs guaranteed fertile in every setting. No mating list.

T. A. FAULDS : : : LONDON, ONTARIO, CANADA



Andrews' Wh. Wyandottes

At Boston, 1910, won First, Second and Sixth Cockerels, First Pen, Fifth Hen. This was the hottest class of cockerels that without doubt was ever shown in America. My first pen was called by expert judges the grandest ever shown. Won first pen at Boston for four successive years and have had first cockerels 1907, 1908 and 1910. Have won at Boston for 13 consecutive years. The above record was never equaled by any breeder, and I breed my winners. At Chicago, 1909, on four entries, won four prizes and color special. They have also won for my customers at largest shows in United States and Canada. Buy your eggs from a strain that has a winning line of blood back of them and can win now. Send stamp for 1910 mating list. Book your orders early.

J. W. Andrews, Box J, Dighton, Mass.



: : "RINGLET" : : Barred Ply. Rocks

have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned. They show the ringy barring and sharp contrasting colors that win under all judges. Write me just what you want and I will make you a low price considering the stock you get. Eggs from the world's finest exhibition mating, one setting, \$4.00; two settings, \$7.00; three settings, \$9.50; four settings, \$12.00.

F. R. Green : Lake City, Iowa

One of the oldest breeders of Barred Rocks in the West. At it over 21 years

COLUMBIAN WYANDOTTES

You can PRODUCE THE GOODS for the shows next winter by buying eggs from our pens containing winners at the Great CLEVELAND show, ASHTABULA, WILLOUGHBY, Mich. State, 1910. Also WARREN and YOUNGSTOWN, 1908-9. Eggs, \$3.00 and \$5.00. Mating list free.

CANFIELD & KING BOX A 27 PAINESVILLE, OHIO

WHITE WYANDOTTES

at the late Ashtabula show won 2d hen, tied 1st pullet, tied 2d cockerel, 2d pullet, 2d hen, 2d pen, 3d cockerel. Our birds are large, blocky, stay-white, vigorous, and heavy layers. Cockerels for sale. Eggs, \$2 per 15; \$3 per 30. We can please you. Let us try.

W. A. KAIN & SON ASHTABULA, OHIO

GOLDEN WYANDOTTES

200-egg strain. At Milwaukee, Wis. Jan. 11-16, 1910, won 1st pullet, 2d cock, 5th cockerel. At Aurora, Ill., Jan. 4-7, 1910, with 4 entries and competition, won 4 firsts. At Chicago, December, 1909, 5th cock, 4th cockerel, 3d pullet; 4 entries. St. Louis, Mo., State Show, 2d cock, 3d cockerel, 4th pullet. Have a few breeders for sale. Am now ready for egg orders and have a 1910 circular of matings. Seven matings headed by winners and containing my winning females. The 2d cock Milwaukee was the only bird shown at more than one show.

J. S. PENNINGTON BOX A PLAINFIELD, ILLINOIS

VanAlstyne's Columbian and Silver Wyandottes

During the season of 1909 to 1910 on 4 entries at the Big New York Fair, winning 3 firsts and 1 second. On 4 entries at Madison Square, New York, winning second, third and fifth. On 2 entries at Boston, winning first and fifth. Truly this must show quality and if such is what you want, write to the party who truly has the goods.

J. F. VanAlstyne - Niverville, New York

BUFF AND BLACK ORPINGTONS

From my long established yards have come many great Prize Winners of the breed. It is easy to buy a few birds of uncertain breeding, go to some easy show, win a few prizes and advertise that your fowls are the best. But go up against the guns in National and International Battle and try it. At World's Fair, St. Louis, in competition with the

Cream of the Universe

I won on eleven entries, besides specials, 7-1sts, 5-2ds, and 2-3rds. This is But One of my Many winnings. Numerous Cups, Firsts and specials in Leading Shows have been won by birds of my strains for customers, whose splendid achievements in yard and show room are my ideal advertisement. Describe your exact wants and I will please you or birds may at once be returned at my expense.

S. LUTTRELL, R. D. No. 1, WAVERLY, ILLINOIS

Hearsfield's Barred Rocks, Cornish Fowl and S. C. Brown Leghorns

again victorious at Madison Square Garden. Six ribbons on 6 entries 1909. Five ribbons on 6 entries 1910. Eighteen premiums on 19 entries Mineola, N. Y., 1909. Twenty premiums and 2 specials on 25 entries Brooklyn, N. Y., 1909. All my winners with two exceptions are in my breeding pens. Eggs, \$3.00 for 15, \$5.00 for 30. Quality considered, I defy competition at these prices. Utility Barred Rock eggs at \$6.00 per 100 after March 1.

Wm. H. Hearsfield : Woodmere, N. Y.



First Ckl., Wis. State Show

KING BROTHERS' "RINGLET" STRAIN OF BARRED PLY. ROCKS

Make another clean sweep at the big Wisconsin State Show, January 5 to 10, 1910, winning 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d, 4th and 5th on hens; 1st, 2d, 3d and 4th on pullets; 1st, 2d and 3d on exhibition pens. Also all specials, including sweepstake silver medal for best cockerel in the show offered by the American Poultry Association. Write us just what you want. Our prices are right and we positively guarantee every sale to please in both stock and eggs or refund your money cheerfully. Fine illustrated catalog, containing very many strong testimonial letters from the asking. Eggs from finest matings in the world at \$5 per 15 or \$9 for 30.

King Brothers : Oshkosh, Wis.

: : Largest Specialty Breeders in the Northwest : :

Buff and White Rocks

Winings at St. Louis, Dec. 6-11, 1909, in a Buff Rock class of 300: First Cock and first Hen, shape special for best male, also cup for best Cock, and cup for best Hen. At Madison Square Garden, New York, 1909-1910, third Hen. At Detroit, January, 1909, 1st, 4th, 5th Pullet, 3d Cockerel, 2d Cock, 2d, 3d Hen, 2d Pen. Michigan State cup for best Cock, Hen, Cockerel and Pullet. At Detroit, January, 1910, 2d Cock, 3d, 5th Hen, 2d, 5th Cockerel, 3d Pullet, 2d Pen; shape special for best male and female; color special for best male. White Rocks at Detroit, January, 1909, 2d, 3d Cocks, 3d Hen, 3d Cockerel (he tied 1st Cockerel), 2d, 3d Pullet, 2d Pen. At Detroit, 1910, 1st, 4th, 5th Cocks, 3d, 5th Hen, 5th Cockerel, 2d Pen. Also White Rock Club Ribbon for best Cock. Exhibition and breeding stock always for sale. Eggs from these matings, \$3.00 and \$5.00 per 15.

CADILAC POULTRY FARM, W. J. H. GOETZ, 1150 CADILAC AVE., DETROIT, MICH.

Answer—(1) Not any warmer than other varieties. It is a mistake to have hen houses too warm. (2) Yes. (3) There is no Standard weight for Leghorns. (4) See our book, Origin and History of all Breeds of Poultry. (5) If the comb is out of all proportion it will be cut accordingly. (6) Yellow. (7) Horn color. (8) No fowls require a great amount of meat, about two ounces three times a week. The amount of feed to give a given number of fowls can only be determined by observation and experience. (9) Best quality whole wheat, together with green food, beef scraps, etc. (10) Yes. When fowls become overfat they are diseased, and a sick fowl will not lay.

Question—Lately my hens have been picking the feathers out of each other and eating them, continuing this until they were quite bare. It does not seem to injure them, but spoils their appearance. Will you kindly give me the reason for this and also some remedy?

North Spencer, N. Y. J. J. G.

Answer—Feather eating is one of the worst vices that fowls can have and is caused by the fowls being kept in close confinement and not given enough exercise. Powdered aloes sprinkled on the feathers will usually break them of this habit.

Question—I find eggs sometimes when boiled will smell and taste very bad. Can you tell me the reason. I am feeding corn, oats, bran, bone meal, turnips and oyster shell. I have had some trouble in summer time.

Pontiac, Ill. H. S.

Answer—Fowls must have access to something which they eat to cause this.

Question—We have a hen and two pullets that seem to be weak in the legs and fall when they try to walk, and also have a white discharge.

St. Paul, Minn. A. F.

Answer—This may be due to your system of feeding, or it may be a touch of rheumatism. Give a tablespoonful of common baking soda to each quart of drinking water.

Question—(1) How much is a Buff Plymouth Rock pullet worth that scores 94 points under Judge W. C. Ellison? (2) Another scoring 92¼ after being cut two points for weight?

Templeton, Wis. C. J. T.

Answer—(1) We cannot say. She might be worth a hundred-dollars and maybe only five. (2) The same answer applies to this.

Question—(1) In about what quantities should the following grains be mixed to obtain a 12 per cent amount of digestible protein: Oats, buckwheat and peas. (2) What would be the approximate amount of fat per cent in such a ration? (3) Does a light brown, frothy condition of the droppings indicate a presence of too much protein in the food?

North East, Pa. R. B. F.

Answer—(1) Oats 75 per cent, buckwheat 15 per cent, peas 10 per cent. (2) Twenty per cent. (3) No.

Question—(1) I wish to feed wheat, oats and corn in litter, with grit, oyster shell and charcoal in hopper; also beef scrap and some hopper feed in hopper. Will you kindly suggest composition of a good hopper feed to use under above

circumstances? (2) Hatch small chicks under hens. Wish to give beef scrap, oyster shell, grit and charcoal; also hopper feed in hoppers. Please suggest composition of hopper feed? At what age should I begin giving beef scrap? Should grit, oyster shell, etc., be before them from the time they are hatched. Will use commercial chick feed at first. At what age should I begin with hopper feed? A. B. K.

Wears, Mich.

Answer—(1) If you are going to hopper feed, don't feed in the litter. You cannot use both systems of feeding at the same time successfully. Wheat, oats and cracked corn can be fed in hoppers successfully. (2) Get book, "From Shell to Show Room," or "Chick Book," for information on feeding chicks. Space in this department will not permit us to give details on this question.

Question—(1) Would this be a good scratch food? Cracked corn, 25 lbs.; wheat, 25 lbs.; oats, 25 lbs.; cracked stock peas, 15 lbs.; millet seed, 5 lbs.; sunflower seed, 5 lbs.; total, 100 lbs. (2) Would this be a good dry mash? Corn meal, 50 lbs.; linseed meal, 20 lbs.; alfalfa meal, 20 lbs.; beef scraps, 10 lbs.; total, 100 lbs. (3) Are there Rose Comber Plymouth Rock fowls? Clayton, Mo.

J. N. F.

Answer—(1) Yes. (2) No. The following would be better: Corn meal 10 lbs., chop feed 40 lbs., alfalfa meal 20 lbs., linseed meal 10 lbs., wheat bran 10 lbs., beef scraps 10 lbs. (3) There is a variety known as Peacomb Barred Plymouth Rocks, but they are not bred to any extent nowadays.

Question—How would you advise one to construct dropping boards under the roosts in my chicken houses?

Urbana, Ill.

Mrs. J. W. B.

Answer—Dropping boards should be made wide enough so that they extend far enough on both sides of the perches to catch all the droppings, and should be about six inches below the perches and so constructed that they can be easily taken out and cleaned or scalded when necessary.

Question—(1) Should egg shells be fed to chickens? (2) What is the richest egg, the one with a dark yellow or a light yellow yolk? (3) Where is the best R. C. B. Leghorn poultry establishment located? D. B.

Grafton, W. Va.

Answer—(1) They may be, with good results. (2) The dark yellow yolk is considered the richest in flavor. (3) Consult our advertising columns.

Question—Will you kindly state what proportion of chicks hatched are males? Denver, Colo.

E. G.

Answer—This varies so that it is impossible to give any set rule on the proportion.

Question—Please tell me why my hens do not lay. I have twenty hens and two roosters in a pen 75x50 feet, with a house 8x10 feet; feed them a mash early in the morning composed of potato peels, bread crumbs, greens, turnips (cooked), poultry regulator mixed with milk. At about 5 in the afternoon I feed them half corn and half wheat. Yet I do not get eggs. They have

BLACK and WHITE ROSE COMB MINORCAS

Bred for eggs as well as show in open front houses and trap-nested. Rose Comb Black cockerels, Rose Comb Black and White eggs from prize birds.

High Ridge Farm, Repp & Aires, Laurel, Md.

Chickens Won't Eat Vitazone

It would not hurt them if they did—it is harmless.

Vitazone is sure death to bugs, fleas, lice, mites or such poultry yard pests. Use Vitazone nest eggs and roosts and have clean healthy poultry. No microbes or disease—no foul odors or bad air where Vitazone is used. Prevents and cures roup and colds—keeps chickens in fine feather.

Used by poultry farmers everywhere—endorsed by all—economical—lasting—convenient.

Comes in several forms.

Ask your dealer for Vitazone or send 25c (stamps or coin) for two large cakes and free booklet on poultry house sanitation. Farmer Agents Wanted.

Fuller Manufacturing Co.
100 11th St., Beaver Falls, Pa.

Specialists in Disinfectants.

FENTON'S COL. WYANDOTTES

AT CHICAGO

Made a winning (in the largest class of Columbian Wyandottes ever shown there) that has never been equalled by any other breeder.

We have undisputable claim to the best flock of Columbian Wyandottes in the West. Not only did we win in the West, but in the East, North and South our birds, in the hands of customers, won the leading prizes. MEN WHO KNOW, who have visited the foremost shows throughout the United States and Canada, tell us that.

QUALITY AND QUANTITY considered, we own the largest and finest flock of Columbian Wyandottes in the world. It is backed with such a show record as this, backed by their records at Fenton Farms as The Best General Purpose Fowl, that we offer you

Eggs from six grand pens : Each pen headed by a Chicago winner

Pen 1—First Chicago Pen—Eggs, \$10.00 per setting. Pen 2—Headed by 1st Chicago Cockerel and seven hens, including 1st Chicago hen—Eggs, \$10.00 per setting. Pen 3—Headed by 3d Chicago Cock and eight pullets, including 1st pullet—Eggs, \$5.00 per setting. Pen 4—Headed by 3d Chicago Cockerel and eight females, including 3d and 5th hens—Eggs, \$5.00 per setting. Pen 5—Headed by 4th Chicago Cockerel and six females, including 3d pullet—Eggs, \$3.50 per setting. Pen 6—Headed by 5th Chicago Cockerel and seven of my best exhibition females—Eggs, \$2.50 per setting.

Our Motto is, "Quality and Satisfaction"—and we live up to it to the letter.

Fenton Farms : : Mt. Clemens, Mich.

The Birds That Win

Again demonstrated that my birds are the best, for I won more than fifty first prizes in the Toledo, Detroit and Adrian shows. Birds and eggs for sale of my choice varieties. S. C. R. I. Reds, S. C. White Leghorns, S. C. Black Minorcas, White Rocks, White Wyandottes, White Cochins Bantams, Golden Sebright Bantams, Toulouse Geese, White Pekin and Rouen Ducks. To avoid delay send your orders in early, as I am now booking orders from my choice matings. Visitors always welcome.

Andy Smith : 1805 Clinton Street : Toledo, Ohio

McCLAVE'S

WHITE WYANDOTTES, BARRED ROCKS, ORPINGTONS, LEGHORNS, BRONZE AND NARRAGANSETT TURKEYS, EMBDEN, AFRICAN AND CHINESE GEESE, MUSCOVEY, PEKIN AND ROUEN DUCKS. 600 selected fowls for sale. Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland show, January, 1910. Write your wants to

CHAS. McCLAVE BOX A NEW LONDON, OHIO

Wheeler's S. C. W. Leghorns

MADE ANOTHER CLEAN SWEEP AT BALTIMORE, JAN. 3 TO 8, 1910, winning on 14 entries in a class of 87. 1st, 2d and 3d, Cocks; 1st, 4th and 5th, Hens; 1st, 3d and 5th, Cockerels; 1st and 4th, Pullets, and 1st and 2d, Pen. THE BEST LEGHORN RECORD OF THE YEAR.

THE RECORDS of our S. C. White Leghorns at Boston, Buffalo, Baltimore, Rochester and other great shows prove all our claims for the Superior Quality of our line. For sale, Choice Breeding Males and Females from our best matings and closely related to our best winners. Prices right. Satisfaction Guaranteed.

EGGS FOR HATCHING. From 10 Selected Matings. Each headed by a Prize Winner of note, or son of same. Eggs, \$3, \$5 and \$10 per setting. Mating list free.

SPECIAL: FOR SALE, 50 Good Breeding Hens at \$1.50 to \$2 each.

G. L. Wheeler & Son, Box 14, Penn Yan, N. Y.

CARTER'S BARRED ROCKS

Excelsior Strain

Carter's Excelsior Barred Rocks lead in the combination of show-room qualities and practical results. The males and females in my breeding pens this season will score 91-93½. They are mated to produce high-class exhibition birds. In selecting my breeders have chosen vigorous stock whose chicks will live and grow rapidly. For the egg trade I have four pens mated to produce Exhibition Pullets of the right color, shape and size. Also three pens mated to produce high-class Exhibition Cockerels. When desired, will divide and fill egg orders part from each mating. One sitting, \$4; two, \$7; three, \$9. A few choice cockerels for sale. Extra values at \$6 to \$15 each. Some cracker-jacks pullet bred.

T. J. Carter Box 2 Jonesdale, Wisconsin

plenty of water and green food. They seem to be healthy and all right, but I do not get any eggs. Please let me know what the trouble is. E. L. L.

Kosciusko, Miss.

Answer—Leave out the poultry regulator and give them a little fresh meat or liver about three times a week. Also give them a feed of whole wheat and oats at noon.

Question—(1) Can I hatch geese in an incubator and raise them in brooder same as chickens; also ducks? (2) Will beef heads make good green bone for poultry. (3) I have twenty Barred Rock pullets and two cockerels. Are they enough for a beginner? (4) How many turkey hens will I mate with one tom? (5) What kind of grain will I grow for poultry feed? (6) What breed of ducks is best for market fowls? (7) Do chickens do better on free range or in pens? Mrs. M. L. P.

Loogootee, Ind.

Answer—(1) Yes. (2) Yes. (3) Yes. (4) From seven to ten. (5) All kinds of grain are good, but some are better than others. Wheat and oats should be the main feed. (6) Pekin. (7) On free range.

Question—I have a hen that carries her head slightly to one side and at times turns her head until the top is toward the ground, sometimes falling over, and directly straightening up and appearing as well as usual. She eats well and seems to be all right except as above stated. What is the matter with her and what shall I do for her? Wistboro, O. J. E. H.

Answer—We are unable to answer. Will some of our subscribers give cause and remedy.

Question—Please answer through your next issue the cause and cure of my turkeys. When about ten to fourteen days old their knees swell and their feet and lower legs turn at right angles and their toes draw and finally walk on their knees. Eat heartily all of the time. Had to be killed. Oak Ridge, Mo. R. M.

Answer—The indications are that rheumatism is the trouble. Probably caused by dampness. Give a tablespoonful of common baking soda to each quart of drinking water.

Question—Are turkeys and chickens raised successfully in California? Which is the best part for chickens? Are chickens bothered with the different kinds of diseases there like in the state of Illinois. M. L. D. Scottville, Ill.

Answer—Yes. Around Petaluma are located some of the largest poultry ranches in the world. Chickens are subject to diseases in all localities unless they are given proper care. But where they are bred from good healthy stock and given the care they should have disease is unknown.

Question—I have a dozen S. C. Black Orpington pullets and one or two cockerels raised from eggs purchased from a trustworthy neighbor and some have recently seemed to develop an unusual amount of purple barring on the feathers, while my neighbors have not. Is this caused in any way by feeding, and can it be helped by change of feed; or only by careful mating in the future? Ashland, Mass. C. W. McC.

Answer—Feed, no doubt, has a great deal of influence on the feathers; but do not believe you can remedy your trouble any way but by careful and systematic breeding, and by the introduction of new blood into your flock.

Question—(1) About what per cent of eggs will hatch from an incubator as a rule? (2) Are the R. I. Reds a good utility bird? (3) How many chickens will a house $9\frac{1}{2} \times 4\frac{1}{2}$ ft. accommodate? (4) What is a good food to feed laying hens.

H. H. H.

Toledo, O.

Answer—(1) 85 to 90 per cent of the fertile eggs. (2) Yes. (3) Six. (4) Good quality whole wheat and oats, together with plenty of green food, beef scraps, etc.

Question—Kindly tell me in your next issue how many chickens can be raised on a lot 340×50 , all devoted to chickens?

W. E. W.

Rome, N. Y.

Answer—This all depends on the man. If given proper attention, probably 500 to 700 could be handled successfully.

LEARNING THE POULTRY BUSINESS.

Take time to learn the poultry business.

The man who wishes to become successful in business or in working at a trade must begin at the bottom and learn thoroughly every detail which aids in the accomplishment of his undertaking. If he fails to do this he can never hope to stand much above his competitors.

It is particularly important to begin on a small scale and gradually work up in breeding poultry, because the breeder ordinarily attends to all parts of the work himself instead of employing an experienced foreman to take charge of his plant.

The numerous vacant and discarded poultry houses, which may be seen scattered throughout the country, speak more eloquently than words of the large number of people who have failed to make as great a success of poultry cul-

ture as they expected to. If instead of expecting to earn a lot of money easily, these people had realized the amount of time and patience required to make any one skillful in breeding and handling poultry there would have been a greater number of them who would have persevered until they had earned reputations

it took to learn to run a naphtha launch and his answer was: "It depends upon the number of times the engine breaks down at first." Thus in the chicken business, everything depends upon the difficulties overcome and profited by.

The best plan is to take up hens only as a side line at first. This makes the



Mrs. J. S. Haupt and a flock of her favorite R. C. White Orpingtons. Fairview Farm, Easton, Pa., breeders of Rose and Single Comb Buff, White and Black Orpingtons.

for themselves in the poultry world. It puts a man on his metal to feel that he is trying to solve a difficult problem which no one can solve for him, and it encourages an amateur, if he has the right spirit, to tell him that he is doing as well as any beginner and will succeed in time if he keeps on trying. All successful men have overcome great difficulties before they have done anything worthy of notice.

I once asked a young man how long

first experiments and mistakes less expensive, and gives the beginner a chance to decide along what lines he wishes to proceed and what breed (not what breeds) he thinks is the best suited to his needs.

Most inexperienced people try to keep more birds than they have facilities for handling properly, but much better results will be obtained by starting in with a few birds of one breed only.

Saco, Maine.

H. W. Sanborn.

GRAND COCKEREL SALE



Prince Ringy

The Greatest Quality Sale of Barred Plymouth Rocks for 1910

:: Aristocrat Cockerels ::

Sired by this magnificent cock bird, "Ringy," the sire of the world famous Prince Ringy, who is the finest barred male bird in the United States. These cockerels are large, lusty, vigorous, and have simply exquisite color and barring. They will reproduce themselves and breed you

Show Birds

birds to win with. As the supply of these exceptionally choice quality birds is limited, you must hurry your order. Prices very reasonable. Write at once. Grand catalogue free.

Eggs from finest matings

W. D. Holterman, Fancier

Box 2 : Fort Wayne, Indiana



Ringy

Champion Brooders Lead the World

No brooder ever made produces the same successful results as The Champion. Tens of thousands of them are in successful operation in all parts of the world. No one ever heard of a Champion Brooder disappointing a purchaser. It raises larger percentages of chicks than any other type of brooder. Raises larger and better chicks. Makes bigger profits for the poultry breeder, because it raises more and bigger chicks. Raises chicks where all others have failed. Saved thousands of dollars in cash for thousands of poultry raisers all over the world.

No "secrets" or "methods" ever equaled it's phenomenal records. The Champions have stood the test of time, winter storms, blizzards and summer heat for years. No record has ever been made of a failure with The Champion Brooder. Thousands have proved that it cannot fail; nothing about it to cause failure; simple and perfect in every detail. Has fewer parts than any other, every part a working part. No "frills" or delusions in its make-up. It's all business, does things, does them all the time, year in and year out. No dull seasons with The Champion. You don't have to lay them up in cold weather, nor put them under a shed in rainy weather. "Hard times" and "bad luck" stories are never told by users of The Champions. They have no reasons, their chickens live to maturity and bring their owners "the coin."

Don't go on blindly tying yourself up to a brooder made by a company who is simply after your money. A big name or a big price never made a good brooder. It doesn't take \$12.00 to \$20.00 to buy a good brooder. We'll sell you better ones for about one-half that money. We'll sell you brooders, not fads and fancies. Our brooders are known all over the world as the best value ever put on the market. The Champion is big and good, full nine feet of floor space. Note other makers do not give size of their brooders. Size is not mentioned, except in a few cases, and then the prices range from \$12.00 to \$20.00 each. You don't need a bigger brooder, The Champion will hold as many as any single brooder should hold. Chicks do better when kept in flocks of 50 to 100. The Champion will hold that many chicks, and raise every one of them. We prove results.

The Champion Brooders have saved thousands of breeders from total failure and bankruptcy. Thousands were about to give up the raising of poultry in despair until as a last resort they gave The Champion a trial. Other thousands have rebuilt their high-priced brooders into Champions with the The Champion's heating apparatuses. Here are a few who have made these changes:

"Georgetown, Mass.

"I want to install your system in some other brooders I have of other makes. Have seven high-priced brooders and they will not heat up.—W. B. Evans."

"Pleasant Grove, Pa.

"I am greatly pleased with your Champion Brooder and will replace the C— which I am using with Champions.—W. S. Schofield, manager Black Barren Farms."

"McNab, Ill.

"I have four brooders of another make which I can't heat up in cold weather,

and they can be remodeled very easy. I want to get your heaters and lamps and remodel them.—W. E. Devereaux."

"Springdale, Conn.

"Have one of your brooders and it gives the most perfect satisfaction. I wish to rebuild some of my others with your fixtures. Send me price of three sets.—Oscar Sperl."

If we had the space could name hundreds of similar cases. We can show any interested persons hundreds of letters, in black and white, where The Champions



have replaced every known make of brooders. High-priced and low-priced The Champion "lay over them all."

If your chickens have died like flies, wasted away with bowel disease, drooping wing and leg weakness, or if your pullets failed to lay well after maturity your brooders are at fault. Change your luck; try The Champions this year; stop your leaks. Don't stay with a sinking ship, believing that there are no ships which will not sink. Don't confuse our famous Champion Brooders with any of the fake "systems," "methods" or "sprouted oats" plans. We mean all we say in this advertisement; every word is true. We can prove our words by the



testimony of disinterested users of The Champions. We have never given away a Champion Brooder except to worthy charitable institutions, and then we have never published their testimonials. We sell them for cash to government experiment stations and all others. No "big breeder" ever endorsed our brooders because we gave him some of them for nothing.

We were making brooders many years before most of the incubator and brooder concerns in this country "invented" their machines. The Champion Brooders enter into the "web and woof" of the entire poultry industry of this continent.

They are in operation in every state and territory of these United States and provinces of Canada. They are not experiments. The Champion Brooders will raise winter chickens. They don't have to be kept under a roof nor in a brooder house.

Using 50 Champions Outdoors.

Middle Falls, N. Y., Feb. 9, 1910.

Messrs. J. A. Bennett & Sons Co.

Gentlemen: The 50 Champion Brooders which we purchased from you in one shipment are giving the best of satisfaction, and the greater part of them are in operation at this time. The first season we run them we brought to salable age nearly 4,500 chicks. Wishing you prosperity in health and business, we beg to remain, Very truly yours, A. M. Crandell & Sons.

Every Champion Brought Through to Marketable Age 90 Chicks—Better Work Than a \$12.00 Brooder.

Pittsburg, Pa.

J. A. Bennett & Sons Co.

Sirs: The Champion Brooder bought of you two years ago has given perfect satisfaction. I also have a C— \$12.00 brooder which doesn't begin to give the satisfaction I get from yours. Yours truly, Chas. F. Blackburn.

Lost 1,000 Chicks Last Year.

Yankton, S. D.

J. A. Bennett & Sons Co.

Dear Sirs: I have a dozen brooders now, but they are no good. I lost over 1,000 chicks last year. Please send me a Champion Brooder at once. Respectfully, H. W. White.

Seymour, Conn.

J. A. Bennett & Sons Co.

Gentlemen: The brooder I bought of you three years ago has been out all winter with chicks in it that were hatched late in the fall. The weather has been 10 degrees below zero and I never lost a chick. J. C. Holden.

Lost But One Chick All Winter.

Rahway, N. J.

J. A. Bennett & Sons Co.

Gentlemen: Your Champion Brooder is all right in every respect and will do all you claim for it. I have run mine outdoors all winter and lost but one chick, and that was no fault of the brooder. Harry Gage.

Use a Champion Brooder this year and get in line with the successful poultry raisers. Don't take any risks, with the chances 100 to 1 against you. The Champions will save you money in first cost and make you money by raising every chick you hatch out. You can't afford to run along in the old slipshod way, "Tails you lose, heads I win" system of brooding your chicks. Other makers talk about the great things their brooders do, but talk is cheap. They can't make a brooder out of "printers' ink." We can help make you a big successful poultry raiser if you will give us a chance. The only secret of success is to raise your chicks. No money in dead chicks, nor weaklings. Strength, vigor and size make for early maturity and profits.

The Champion's chicks are big, lusty fellows, the profit makers. They pay big margins with all risks eliminated. Put the chicks on the scales; they'll show up

two to two and one-half pounds in eight weeks.

Our New Model.

Our new model Champion Brooder will operate either outdoors or indoors at any season of the year. Can instantly be changed into a roosting coop, then when chicks are larger into a small colony house without use of a tool. Finally, if you wish a lampless brooder for warm weather you can purchase our lampless attachment for \$2.50 and raise your chicks without heat. We do not recommend lampless attachment except for summer time use.

The Champion Brooder is large and roomy, full three feet square, nine square feet of floor space. Price only \$6.50 each.

Freight rates: We can reach any point as cheaply as any maker. To New England and middle states, 50 cents each; western states, 65 to 85 cents each; Pacific coast points, \$3.00 each. We make prompt shipments.

Send for free catalog today.

J. A. BENNETT & SONS CO.,
929 Main Street,
Gouverneur, N. Y.

THE GREAT "ONTARIO" SHOW.

Canada's Greatest Poultry Show—Held in Connection with the Winter Fair at Guelph, Ont.—A Display of Canada's Best—About 5,500 Birds of All Varieties Shown.

THE poultry breeders of Canada surely have in the "Ontario" a show to be proud of. This year (December, 1909) we found there close to 5,500 entries and of a quality that has won for the show the title of "The Madison Square Garden Show of Canada." Here are found yearly Canada's best. They meet on common ground, fill their mammoth show building and have a good time in general, with a banquet thrown in.

The Government Poultry Experiment Station is also located at Guelph, and a visit to this institution and a talk with Prof. W. R. Graham are one of the side features we have enjoyed for three years now. Of course, Jerry is still there, and a good part of the show.

The classes, and in particular those of the more popular varieties, are always well filled with an exceptionally fine and high grade of stock. The winning Barred Plymouth Rocks were of a quality to show any place. Each of the four first winners were exceptionally fine and choice specimens. Here Mr. John Pringle, of London, and Mr. I. K. Millard, of Dundas, made records to feel proud of.

The White Rocks were another large and hot class, with splendid form and head points the feature. In Buff Rocks some exceptionally fine birds were shown. In particular we would mention the first prize cockerel. We believe him the best Buff bird we have ever seen.

White Wyandottes were the largest class shown here. The class was filled with quality all through, and the ever popular James Tucker had hard picking here among all the good ones. Wm. Dawson, East London, Ont., won well with a choice string of birds, well shown; size, type and head points are their feature. To win the Display special in this class is a feat worthy of consideration. Mr. Joseph Russell, of

Barred Plymouth Rocks

I am offering 10 choice cockerels bred from Indianapolis winners at bargain prices. The kinds that possess clean, snappy surface barring with undercolor to match. Free range birds with size and vigor. Just the kind you are looking for. Eggs, \$2.50 and \$3 per 15.

Oscar Wurtz - Box A - Edinburg, Indiana

"BETTER THAN EVER" STRAIN OF WHITE PLYMOUTH ROCKS

Won at the large shows of Cincinnati and Hamilton more prizes than all other exhibitors combined. Judge Pierce pronounced them wonders in White Rocks. Large, healthy farm-raised stock. For sale, 100 pullets and 50 cockerels. Eggs from prize winners, \$3 and \$4 per 15. Send for circular.

H. L. Brown, R. F. D. No. 4, Oxford, Ohio

Styers' COLUMBIAN Wyandottes

Our stock has won prizes at Chicago, New York and other great shows. If you want to raise chicks with black wings, fine, sharp laced necks and tail coverts, you will buy our eggs. We offer the best Columbian Wyandotte eggs for hatching ever sold at prices in reach of all. We guarantee fertility and replace all infertiles. Surplus stock all sold. Write at once. Eggs, \$5 per 15, \$8 per 30, and \$20 per 100, from prize matings.

Fred Styers, Route 25, Greensburg, Ind.

WHITNEY'S WHITE ROCKS

WON

At Ontario, the Madison Square of Canada, 1st Hen, 2nd Cock, 3rd Pullet.

At International, Buffalo, 1st Pen, 2nd Cock, 2nd Pullet, 4th Hen.

Only limited number of eggs from best birds at \$4.00 per 15. Let me book your order now, and raise some winners.

C. J. Whitney

Galt, Ontario

HARRIES' WORLD'S CHAMPION WHITE ORPINGTONS

STILL IN THE LEAD

At the great Philadelphia show, under one of our best judges, on two birds only, never before shown, 1st PULLET, 2nd COCKEREL, Silver Cup for best WHITE, Silver Cup for BEST ORPINGTON IN SHOW and two other Specials. This, with my great win of FIRST AND SPECIAL PEN AT MADISON SQUARE is sufficient to show that I have today

The Best White Orpingtons in America

My PULLET AT PHILADELPHIA was said to be by many competent judges THE BEST WHITE ORPINGTON IN THE COUNTRY. No stock for sale. Eggs \$10.00 per setting. Send for circular.

Fred Harries :: "Fernlea" :: Elmsford, New York

TOO LATE TO CLASSIFY

EGGS FOR HATCHING—Utility B. Rock, Maine Experiment Station stock. Trap nest used; \$1.50 per 15. A fine cockerel for sale. Mrs. B. C. Frankland, Box 105, Westernport, Md.

WHITE WYANDOTTES exclusively. Fishel strain for 7 years. Our stock scores up to 95½. Eggs, \$2.50 for 15. R. H. Arthur, Dodgeville, Wis. 3-3

S. C. LEGHORNS. Eggs from choice pens, \$1 15. Fertility guaranteed. P. Perkins, Russell, Pa. 3-1

ORNAMENTAL POULTRY FARM Pheasants, Golden and Silver Lakenfelders, Longtailed Japanese Phoenix, Sicilian Buttercups; thoroughbred stock; eggs for hatching. Hugo C. Eckardt, Oconto, Wis. 3-1

DO YOU WANT any stock or eggs from my 1909-10 prize winners? Prices low. Thos. H. Loser, Anville, Pa. 3-1

FOR SALE—FANCY White Homers for squab breeding at \$1.25 a pair. John H. Schumaker, Tamalco, Bond County, Illinois. 3-3

S. C. BUFF ORPINGTON EGGS. Farm range, 15. \$1. Fine pen, \$1.50. Alice Keltner, Jasper, Mo. 3-3

SILVER (DUCKWING) LEGHORNS. Eggs, \$2.00 per 15. Orders booked now. T. W. McClure, Carey, O. 3-3

ONE MODEL O INCUBATOR, two Hodgson's Wigwam Outdoor Brooders, splendid condition, for sale cheap. A. K. Winsor, Grayson, Clinton County, Missouri. 3-2

BRED FOR LAYING.
35 Best breeds poultry. See my big circular illustrated in colors, before you place that order for stock or eggs. Prices reasonable. It will please you. It's free. 2c stamp for mailing. John E. Heatwole, Harrisonburg, Va.

A Valuable Poultry Book Free

I will send to any address absolutely free a valuable book known as "A Treatise on Poultry." Tells how to make a good living from poultry. To anyone sending 40c for a trial Package of Egan's Peerless Poultry Powder, a guaranteed egg producer. Send today, as I only make this offer for a limited time. Write plainly and address all letters to

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan

Let Steinmesch Tell You How
Everybody who knows chickens knows Steinmesch.

I know how to raise more chickens and better chickens, to get more eggs and better eggs and how to get more money for both. I know how to pick out and breed fowls that pay in poultry and eggs and win in the show room. I ought to. I have been at it for 30 years and own my own complete farm. I fed and looked after 10,008 fowls at the St. Louis World's Fair, the largest poultry show ever held in the world, and I am a Life Member and Member of the Executive Committee of the Am. Poultry Association, President S.W. Branch Am. Poultry Association, Pres. Silver Wyandotte Club of America and the St. Louis Fanciers Association and Member of the Missouri State Poultry Association.

Now I'm Going To Tell What I Know FREE
I am going to give others the benefit of what I have learned. I am going to offer plain understandable suggestions to those who want to know how to make the most out of their poultry. This information is not for sale. I'm going to give it to you and show you how to really make money in poultry. I will send the whole story of my success and my methods to you in handsome book form without one penny from you. Just send me your address and say: "Steinmesch, tell me how." Address **Henry Steinmesch, President** 211 Market St., St. Louis, Mo.



Toronto, also won well, both in this class and with his Reds.

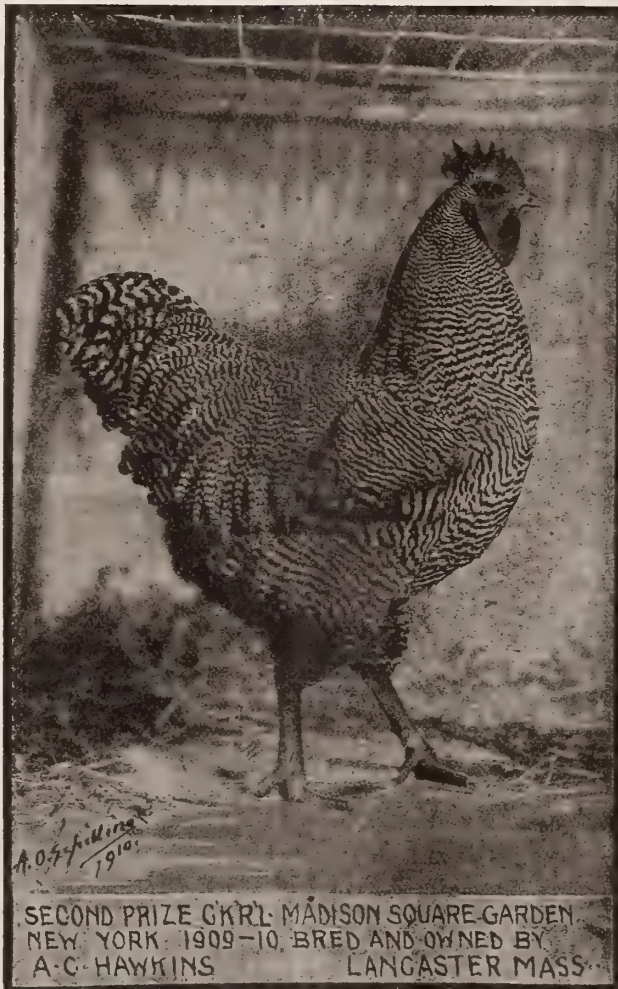
Canada is strong on Minorcas. This is evidently one of their most popular varieties. This year was no exception to the rule, and we found there large and strong classes of these beautiful birds. In the S. C. Blacks, Mr. Folger made a notable winning in each class. Besides these, he also won the class collection special.

In the R. C. Blacks, Dr. J. N. MacRae, of Galt, carried off a great share of the awards. For size, his birds equal any of the S. C. birds we have seen, in color they are very sound and clean, and all his birds have most excellent head points. The doctor also won well with his entries of Black Cochins Ban-

Cormack, also of Brantford, Ont., came up strong in the winning with first cock and hen and several others. He also won the cup for best cock, hen, cockerel and pullet with all Leghorns competing.

Hamburgs and Polish, as may be expected, were beautiful classes, well shown. The winners were all birds of the highest merit. The first prize Golden Spangled Hamburg cockerel was by far the best Hamburg we have ever seen.

The Bantams were a feature. The classes were simply great both in the ornamental and game varieties. Many imported birds were shown here, and the station of some were really grand. The Cochins Bantams were a beauty class and very finely shown.



tams, and if we remember rightly, his first cockerel was awarded one of the Sweepstakes cups. They are grand little Cochins.

The Orpington classes were among the largest and best at the show. All colors and all varieties were shown to advantage and grandly handled by the "Peerless" Dick Oak. Rhode Island Reds, of both varieties, were good sized classes and of rare quality. The color special male pleased us greatly.

The S. C. White Leghorns were a very large class. Here condition prevailed; head points were also a feature. Mr. Wm. Ferguson, Brantford, Ont., won ten regular prizes and cup for best shaped cockerel. Mr. J. L. Mc-

Turkeys, geese and ducks formed a good collections. The Toulouse geese made a record showing in both numbers and quality.

The management was all that could be desired. The veteran Jack Saunders has been superintendent for many years and knows his book, as do all the exhibitors. Not a hitch of any kind occurred and all was lovely. Our dear old friend, William McNeil, did his part in the management, as well as some of the judging. He is as popular as ever with the boys. No matter what happens, the advice is "See Billy," and then all is right.

Here is a pointer for the American breeders: Show your birds at Guelph.

More of us should make this show; it is fully worth our best efforts, and if you have the goods, go over and try. There is a great field there for business, and if you can show the Canadian breeders anything you can get their friendship and coin. But remember, if you go with any such intentions, above all, be sure you have the goods with you. H. P. Schwab, :

A SATISFACTORY REMEDY FOR GAPES.

Have some one hold the chick and hold its mouth open, draw the tongue out sufficient to see the top or opening of the wind pipe, and when the chicken inhales and opens the aperture at the top, with an ordinary dropper (such as used in filling a fountain pen) inject a drop or so of kerosene oil into the windpipe.

The chick will be well in a few days. The kerosene oil destroys the gapeworm and the chick is not injured by the operation like it would be by trying to remove the worm with a wire, straw or horse hair. Besides, you are certain to get the oil to the place where the worm is lodged. I doubt not that spirits of turpentine or any other such liquid that kills the worm without much injury to the chick could be used, and I believe the ordinary dropper could be improved upon by some one making a better injector, but it answers the purpose. A few times using, however, will soak the rubber with oil and render it useless. Millard F. Snider.

Clarksburg, W. Va.

POULTRYMEN'S GREATEST ENEMY.

Editor American Poultry Journal.

Dear Sir:—If asked what I consider the largest obstacles in the path of poultrymen I would unhesitatingly say lice.

Every poultryman has his own pet way of fighting them and I have a method that is very simple, cheap and effective, being the only method I have ever tried that actually rid my chickens of lice.

Our feed room is thoroughly cleaned out once every two weeks and the ground sprinkled lightly with common coal oil and then filled from four to six inches deep with clean dry straw.

Every morning before feeding grain I empty the ashes from the stove in this litter, then scatter the grain right in the ashes. The chickens will scratch in the ashes for the grain and will dust in them during the day.

Once every week I clean all nests, put a few sifted ashes in bottom of nests, sprinkle lightly with coal oil and put in clean dry straw. This kind of nest I have used for setting hens and not cleaned during entire time of incubation and no lice on hen when hatching time came.

When nests are cleaned I sprinkle all roosts with coal oil quite liberally, and I have examined my flock several times for lice and I have not been able to find any and believe that if you will try this plan you will find it the best method of keeping your flocks free from lice. W. H. Blemis.

Brownlee, Sask.

Watch your competitors advertisements and see how you can improve on your own.

KAYE'S S. C. BLACK MINORCAS

The great laying and Exhibition Strain. Stocks for sale. Eggs from choice matings, \$3.00 to \$5.00 per 15.

A. B. Kaye, State Vice-President American Black Minorca Club, Kaye's Park, Walworth, Wisconsin

BARRED PLYMOUTH ROCKS

Winners 1909-10, State Fair, Marion, Columbus, State Show, Wakeman and Toledo. All firsts and one second at Wakeman. Eggs from pullet mating, \$2.50; cockerel mating, \$5 per 15, \$9 per 30.

H. BURKHOLDER

CLYDE, OHIO

Urban Farms' Black Langshans and White Rocks

Our breeding pens for 1910 will contain some of the greatest prize winners of the past show season, including: BLACK LANGSHANS 1st Prize Cock, New York, 1909-1910; 1st Prize Cock, Chicago, December, 1909; 1st Prize Cock, Buffalo, January, 1910. WHITE ROCKS, BUFFALO CHAMPION, 1st Prize Cock and Gold Medal winner for best bird in show, Buffalo, 1910. GENESEE CHIEF, 1st Prize Cockerel, and special award for best Plymouth Rock at Rochester Show, 1910. Will spare a limited number of eggs from pens containing above winners mated to prize winning females at this season's New York, Chicago, and Buffalo shows. At the Big International Buffalo Show, 1910, with 102 birds exhibited by us, 69 were under the ribbons. Our special awards included The Grand Prize for the largest number of first prizes won in competition with two other exhibitors. We also breed high-class prize winning strains of Anconas, Lakenfelders, Phoenix Fowls and Black Tailed Japanese Bantams. Handsome mating and price list furnished on application.

URBAN FARMS : PINE RIDGE : STATION E 22 , BUFFALO, NEW YORK



BANTAMS

Buff, White & Black Cochins

By paying long prices for my foundation stock, I have succeeded in building up one of the best flocks of Cochin Bantams in the United States. My 8-page catalogue and mating list will tell you all about them—sent free on receipt of 2c stamp.

George M. Hill, Station I, Jackson, Michigan

S.C. BROWN LEGHORNS

America's Winning Strain

At the great Indianapolis Show in competition with all the foremost Leghorn breeders in America we won as follows: 2nd and 3d Cock, 5th Hen, 3d Cockerel, 1st, 3d and 4th Pullet, 1st Pen, Specials, Silver Club Cup for best display, Special Best Shaped Female. If you want some Blue Ribbon Birds for next year shows, place your order for eggs at once. Eggs from my best pens, \$3.00 per setting, good hatch guaranteed.

LAUREL LEGHORN YARDS

E. J. Stuckmeyer, Prop., 1401 Prospect St., Indianapolis, Ind.

HAYNER'S BARRED PLYMOUTH ROCKS

1910 winners at Buffalo, Philadelphia and Madison Square Garden, New York.

AT BUFFALO in a hot class my First Prize Pullet was also awarded both Shape and Color Specials and two others.

At the great New York State Fair, 1909, in the strongest competition ever seen, four First Prizes.

Choicest Breeding and Exhibition Stock for sale. Prices and Quality are right. Eggs \$3.00 to \$5.00 per setting. Write for further particulars.

Jonas Hayner, Box 411, Livingston, N. Y.

LETTERS from our SUBSCRIBERS



MOTTLED ANCONAS.

Editor American Poultry Journal.

Dear Sir:—Just a word or two in favor of this handsome and profitable breed of fowls, as the writer has been a constant reader of your valuable magazine for a long time, and has been waiting, oh so long, for some fellow breeder to speak of their merits, and outside of Mr. McNary, of Bannock, O., have seen nothing whatever written up about this beautiful fowl, and will at last have to come to the front in their behalf.

The writer is new to the poultry magazine readers, but old in breeding, having bred all kinds of fowls for pleasure, likewise what profit was in same for years, and never until the last two to three years found so much pleasure in breeding and working with chickens as with this new old breed of Mottled Anconas.

Dr. F. H. Ballard's article in December issue is very good, and I presume I will be classed as the "Stranger at the gates."

He also makes a statement that any of the new varieties can successfully be raised, advertised and sold at a profit, and I heartily agree with him, especially with a new beginner entering the poultry field to compete with the old time breeders.

In behalf of the beautiful Ancona, would say I have bred all of the old line birds, such as Rocks, Wyandottes, Reds, etc., and I never got the results from them as from the Anconas.

They are handsome, hardy, full of vitality, easy to raise, and they are a veritable winter egg machine, which we all seem to be after in this strenuous race for a living.

Being a non-setter makes them still more desirable, and would say there is some great laying records behind this

breed, with some of the popular breeders, not any one month record, but for the year or six months straight laying, so any person contemplating starting new in the poultry business would pay them to investigate the merits of this prolific fowl.

Being a born chicken crank, nothing suits me better than to meet another of my caliber at the fairs, poultry shows, when I can possibly attend same, and talk chickens, and their merits, especially the Mottled Ancona, and if the other chicken crank is not an Ancona breeder, he is liable to be converted before leaving the show, unless he is a dyed-in-the-wool crank to his own particular breed. The writer does not want to discredit any breed of fowls, but from his own personal experience thinks that the Ancona has it on any other breed, and can see this far into the future, "that the Mottled Ancona will soon be in the front ranks, and will be recognized with any of the old standard breeds."

We are gaining ground very fast, having a membership outside of our own state in the International Ancona Club, of one hundred members, and very near this amount in our own state, while the Ancona Club of America hovers around about the same basis, and we expect the International to grow amazingly fast this coming season, owing to the popularity of the Mottled Ancona.

Trusting you will find a little corner somewhere in your valuable magazine

White Orpingtons and White Wyandottes

My Wyandottes made a great victory at the recent Youngstown show, where, in one of the hottest classes ever gotten together, I won three firsts and two seconds, two thirds, National White Wyandotte Cup for best cock, hen, cockerel, pullet and pen. Best display. Three \$25 loving cups, three \$10 cups, three silver medals and other prizes. My winners are all in my breeding pens.

White Orpingtons

are the same high class birds I have in my Wyandottes. I will not have any but high class birds on my place. Eggs are \$5 and \$10 per setting, and I pay express where an order is \$10 or more. I will give you honest value for your money.

F. D. Sutton

68 St. Louis Avenue

Youngstown, Ohio

Biggest Sale in R. I. Red History

The most important sale of Rhode Island Reds ever made in the history of the poultry business was one just made by the administrators of the estate of the late Robt. C. Tuttle, of Hartford, Conn., to Maltbie & Shelley, of Geneva, Ohio. One hundred and seventeen birds were sold for the largest consideration for a like number of birds that has ever been paid. These birds were the ones saved and mated by Mr. Tuttle for this year's breeders. Of these we shall retain about fifty, as we only have room for a limited number, already having a large and fine flock of our own.

TWELVE GRAND PENS FOR THE EGG TRADE

Yards headed by the New York, Chicago and Boston winners. For reduced prices on stock and eggs send for our sale sheet.

MALTBIE & SHELLEY

121 WEST MAIN STREET

GENEVA, OHIO

for this, my first attempt, I will say farewell, and will be pleased to furnish interested readers with any further information if they so desire, concerning the beautiful Mottled Ancona.

St. Clairsville, O. J. O. Somers.

Editor American Poultry Journal.

Dear Sir:—I noticed in several of the different poultry journals recently an item regarding the Light Brahmas

Brahma breeders to show their birds. The largest number of the poultry shows place all the specials and cups on one breed and the majority of the shows do not place anything on the Asiatics.

If there were more prizes offered for the Asiatic class than there is, there would be more breeders of this class show their birds. There is no encouragement for the Asiatic breeders to

shows, there would be large entries and lots of competition, but the majority of the shows do not offer anything for this breed, and therefore there are but one or two breeders show their birds, and have not enough competition to bring them back the next year.

Altoona, Pa.

W. E. Leightly.

Editor American Poultry Journal.

Dear Sir:—Regarding the article



Laying house, 16x154 feet, on the Minnehaha Poultry Farms, McNary & Smith, proprietors, Bannock, Ohio.

becoming a thing of the past. I want to say that this grand old breed is as popular as ever and always will be, but the only reason they are not praised up as much as the other breeds is on account of the poultry shows not offering any prizes or specials on the Brahmas like the other breeds, and hence there is no encouragement for the

show if there are no special prizes offered.

The birds in the Asiatic class are good layers and are the largest fowl for market, and there should be no reason why they should not be classed along with the other breeds.

If there were some attention given to the Asiatic class at most of the poultry

written by Mr. Bent, as seen in your February issue, pertaining to artificial light for fowls, would say, during the winter months for the past four years I have used a lantern in my coop for the night's feed with success. In the morning at daylight I feed wheat in deep litter. At two o'clock cracked corn and oats, and at 7:30 a moist

BUFF BLACK ORPINGTONS : R. C. REDS S. C.

Winners at N. Y., Chicago, Cleveland and Pittsburg Shows

Special Prices on Grand Breeding Cockerels in above varieties. This is your opportunity to get a fine male from us to improve your flock.

EGGS from our "Special Matings," \$5.00 and \$10.00 per setting. Our \$10.00 pens are all headed by a first prize winning male at either New York, Chicago, Cleveland or Pittsburg. Other grand matings of Prize Winners, \$5.00. Send for catalogue, giving you all our late winnings at the above shows in competition with the best.

Craig & Mapes : Box 4 : Mt. Lebanon, Penna.

The George W. Mitchell Partridge Cochins

Having purchased the entire flock of these famous birds, with the good will, from Mr. Mitchell, I am in a position to offer exceptional opportunities to those wishing to buy, as I have a few fine birds that I am willing to dispose of. Also eggs from the prize matings which Mr. Mitchell has made for this season. Those desiring further information address

Robert F. Clark

87 Milk Street

Boston, Massachusetts

mash. They not only eat the mash up clean, but take to the shell box and water liberally. And they have frequently laid eggs before returning to roost, and I have proven that by the use of the light they not only lay more eggs but the eggs are better fertilized. Then, again, it gives one a better idea as to the fowl's condition. If they are too lazy to come off the roost they are too fat to lay. Very truly yours,
Bessemer, Mich. T. H. Whitburn.

Editor American Poultry Journal.

Dear Sir:—Just a few words concerning Bantams. This morning I received the February issue of your paper and read it through carefully. To my disappointment I found not a single word of praise for the kings and queens of the fowl kingdom. Your report was

very fine of the Boston and New York shows as far as it went. The various varieties of larger birds came in for much praise, but where was the bantam? In your report of Boston show he is not mentioned, and I doubt if there was a single variety of birds in the room that deserved more credit or mention than these little birds. Neglected as they are by nearly all poultry papers, they nevertheless are pushing ahead and fighting their battle alone and shall in the near future stand supreme. Then the papers will shout their praise and beg for ads. But let me say the bantam is not to be outdone. Already one editor has seen this to be true and started the "Bantam," a paper devoted entirely to bantams. Success will be his and to the "Bantam" all other papers will bow; bantams in

a few years will outrank several larger varieties in number and quality and a bantam show by itself is certain in the near future. Already several papers are devoting a department to this little fowl and others will follow. Bantam breeders will advertise where their ads are appreciated and certainly their money is as good as any one's. I am in no way, Mr. Editor, directing this to your paper alone, but to the majority of poultry papers in the U. S. Give us a show, just a little space each issue devoted to our birds and see if the reward is not twofold and even more. As a breeder I desire to see the bantam get a square deal, but if we can't we shall fight alone and sooner or later down those who are now trying to down us.

C. Harold Porter.

A Genuine Buffalo Incubator \$8 Made By CHAS. A. CYPHERS



The new "Buffalo" Incubators made by Chas. A. Cyphers are selling far faster than any of my former high priced models ever sold. An avalanche of orders has poured in since the day I first announced that I am producing an incubator equally as well made and containing the same vital hatching principles as my

former models, though it sells for half.

But it's no wonder the orders are coming in fast! The Buffalo is simply a marvel. It's fire-proof, has heavy packed walls, strong and durable, perfectly constructed, easy and economical to operate, sure to give a high percentage hatch and guaranteed to do all that any incubator in the world will do, no matter who makes it or what the price.

How Do I Do It?

I use a new system of machinery. I use new and better materials (fibre board and sheet metal). I have reduced the cost of making and actually increased the result producing quality. I do not spend a fortune in fine catalogs and big advertisements. I depend upon these incubators to sell themselves. And they are doing it. Whoever sees the "Buffalo" wants one. When any poultry raiser compares a "Buffalo" with another model selling at \$8 to \$12 more, I get his order every time. Again I get the order when he compares a "Buffalo" with the cheaply made boxes (called incubators) that sell at "Buffalo" prices. Saving a little in the cost of making and a lot on advertising expense I save you fully 50%.

Strongest Guarantee Ever Given With any Incubator

I positively guarantee that the "Buffalo" will hatch as well as any incubator made, regardless of price. I guarantee it to be as substantially made, as well and as easily regulated as any incubator costing \$8 to \$12 more, egg capacity considered. I guarantee it to be fire-proof and to last as long as any incubator ever built. I guarantee the "Buffalo" in every way to be the best incubator ever offered at any price.

This space is too expensive to give all the specifications, but if you want more information before ordering, write for my illustrated circular fully describing "Buffalo" Incubators and Brooders.

ORDER TODAY --- SAVE ONE-HALF

Send me your order today. Say which size you want and enclose the price with your order. My guarantee as stated above assures absolute satisfaction and protects you in every way.

50 egg size **\$8.00**;
200 egg size **\$16.00**;
300 egg size **\$20.00**

100 egg size as shown
in illustration below **\$11.00**

We are turning out "Buffalo" incubators in thousand lots, but the orders are coming in fast, so don't delay. You can order with perfect safety, directly from this ad, because my guarantee protects you.

Buffalo Brooders

I can also save you one-third on brooders. The "Buffalo" brooders are the best ever turned out under the direction of Chas. A. Cyphers. They are strong, durable, automatically regulated. Prices are fully a third lower than on any of my former designs.

"Buffalo" Indoor Brooders..... **\$7**

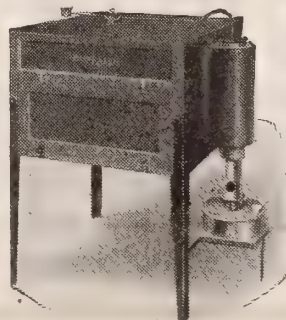
"Buffalo" Colony Brooders..... **\$10**

Don't forget to send me your order today.

CHAS. A. CYPHERS

President, Buffalo Incubator Co.

4700 Ellicott Square, Buffalo, N.Y.



Editor American Poultry Journal.

Dear Sir:—I think you will be interested to know that the South Dakota State College has arranged to provide correspondence, courses for home study in agriculture, domestic science and nature study. There are courses of study for all the members of the farm family, for school teachers and everybody everywhere who wishes to learn.

The state college has not planned these home studies for financial profit but to extend the privilege of scientific and practical instruction to those who cannot attend college, yet are ambitious to gain instruction which will be helpful in their work and life. The systematic course in poultry culture is of especial value to all progressive poultry keepers.

Full information will be furnished to any of the readers of American Poultry Journal on request.

A. A. Brigham,
Director College Extension, Brookings,
S. D.

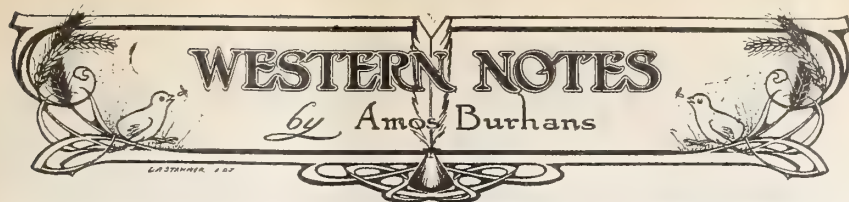
Editor American Poultry Journal.

Dear Sir:—Will you kindly allow space in your valuable paper, as some poorly informed person or persons started a false rumor at the last Madison Square Garden show, that I was about to sell out my business and go west, much to my detriment and harm. I wish to emphatically deny this and brand it as absurd, as I have retained all of the best birds which Mr. Northrup turned over to me and I am getting out my egg orders promptly, and doing so much business that I have had no time in which to change my advertisement. Yours very truly,
Raceville, N. Y. Geo. W. Hey.

**R. C. TUTTLE'S R. C. REDS SOLD TO
MALTBIE & SHELLEY, GENEVA,
OHIO.**

The entire flock of Rose Comb Rhode Island Reds owned by the late R. C. Tuttle has been purchased by Maltbie & Shelley, Geneva, Ohio, who are well and favorably known as breeders of Rose Comb Reds, their birds having won in many of the important shows throughout the country. It will be remembered that they won a majority of the prizes at the late Youngstown, Ohio, show, where the Red Club meeting was held. The adding of all of Mr. Tuttle's stock to their own certainly puts them in the front rank of breeders of Rose Comb Reds.

This is the most important sale of Rhode Island Reds ever made in the history of the poultry business. The birds purchased were the ones served and mated by Mr. Tuttle for this year's breeders. They will part with a few of these birds and can supply eggs from twelve grand pens. Send for circular and sale sheet. See ad in this issue. Address Maltbie & Shelley, 1127 Main street, Geneva, Ohio.



This department is open to all readers and advertisers in the western territory and all are invited to send in all poultry news items that come to their attention. Address Amos Burhans, Waterville, Minn.

The boys out west are having a lot of fun with Billy Russell about the Silver Penciled Wyandotte cocks and the Silver Wyandotte cocks all being passed on by him as Silvers. Billy has the half-nelson on the fellows though, for his cards showed that they were all Silvers. Billy tells them where to drop off in his reply in the Northwest Poultry Journal for January.

What the Poultry Record writer ought to do to get those weighty matters off his mind is to prefer charges. It must be an awful strain to know something all by ones self and yet be unable or afraid to let it loose as occasion demands. Get it off your mind.

We see so many notes in the journals saying that the poultry business is booming that we almost believe it ourselves. If a fellow wants to find out how high the boom is getting all he must do to get a good idea is to ask for prices on Black or White Orpingtons. The facts are that good birds

are getting higher and higher every year. The point is plain: He who went in early and went in right is reaping the reward.

A. F. Hunter has severed his connection with the Poultry Advocate. He has been holding down the editorial woolsock for nigh onto five years and we have enjoyed many of the practical articles which have come from his pen.

Dr. Graham, of Rochester, Minn., is putting in the foundation of one of the finest Orpington flocks in the country, having bought birds from the Palace show, England, and purchases only what he knows will do his future career as a breeder much good. The west is mighty proud of the men who are putting up good breeding establishments for the production of good fowls. The doctor will breed all the Orpingtons.

Pacific Poultry Craft is the new name of the Live Stock Tribune, which we have missed from our exchanges for

some time. The new cover is attractive and Mrs. Basley is still editor. She is one of the best writers on the Coast. A friend of mine who keeps pretty close track of A. P. A. things said that if they kept getting rougher and rougher he thought he would buy the paper I have mentioned and change one letter in its name and do a good business.

Mentioning the Poultry Craft reminds me that I have not heard from Kruckeburg, who used to edit the old Tribune, for some time. He was one of the fixtures of the Coast, we all thought, and then with the suddenness of a comet appearing in the sky he dropped out of poultry editorial harness and has been out to pasture ever since, so far as we know.

The middle western breeders are sending some good birds further east if I can believe my eyes. Not long since I saw a pen of Silver Penciled Wyandottes, from the yards of Carver & Avey, purchased through the American direct from an advertisement, and they were tip-top stuff. These breeders, we understand, are making a specialty of Partridge and Silver Penciled Dottes and are doing well. Years ago the writer bought a pen of Partridges from this firm and they, too, were good.

Another breeder who has been breaking out further west than his home state is E. R. Bradley, of Hillsdale, Mich., caught sending out good Black Orping-

Riley's Victory Supreme BARRED PLY-MOUTH ROCKS

At the great International Show, *Buffalo, N. Y.*, where the best birds from Canada and the United States were shown in one of the hottest classes of the year, I outdistanced all my competitors. *Wil-liamsport, Pa.*, the great A. P. A. Penna. branch show, my victory was complete, winning four out of five firsts and gold medal for best cockerel in the show. *Baltimore, Md.*, the banner show of the South, my winnings were in keeping with my wonderful records already made.

For four years in succession the leading honors at the *Great Philadelphia Show* have been won by birds of my strain.

My Winnings Are Supreme : They Are Convincing

The best birds I have ever owned are in my yards this year and my eggs cannot fail to hatch you winners. Let me send you my mating list, giving full information of the *world's peerless exhibition strain*.

Henry D. Riley, Box B, Strafford, Chester County, Pennsylvania

White Orpingtons

The entire stock of M. P. Pratt's famous winning white Orpingtons have been added to our pens, which places Brookdale Whites at the top for REAL QUALITY. Send for full information before you buy.

Brookdale Farm : W. E. Stanfield : Hillsdale, Mich.

tons into Minnesota. He has found out that western buyers are after their money's worth and know it when they get it, and sends good stuff to fill his orders. We need more fanciers in the ranks like these two firms we have mentioned.

It does seem as if the Orpington men will not cease shouting. The breeders of Orpingtons out there in California have formed a state Orpington club and will plan to hold a few summer meetings, where birds will be exhibited. To keep a breed in the public eye it must have merit, and then have men behind it who are doing all they can to breed better ones. The Lean One would suggest that other states get in line and stay in line. Organizing only to wither away is not worth while. Get down to business.

Not long since there was a man fearfully maligned in one of the poultry journals who now not only has a host of

supporters at his back but whose customers are running to the rescue. It is not always best to make grand stand plays like this to win hollow applause. First, brethren, be sure. Let him who is blameless cast the first thirteen-inch shell.

We had planned a lot of good notes for this department of this month's issue, but the fellow editors who we were depending upon did not get their papers out before we had to get our copy in. Do you notice that the American is about a week ahead of the bunch? Just another case of leading and letting the stray lambs follow.

Reese Hicks is taking a lot of time to boom Tom Quisenberry for the executive board of the A. P. A. Next time, Reese, get your cards out earlier. Our nomination ballot had gone back to Kimmey and we dare say Tom lost some votes in other quarters on this account. But remember Tom in the vote, western-

ers, if he is successful in the nominations.

The next Missouri state show goes to Kansas City. We learn that Mr. Kellerstrass has offered to furnish the hall and the decorations, which means that this will be done on a more sumptuous scale than heretofore in any room of the kind in America.

Professor Stoneburn, of Connecticut, is going out to Missouri to hold a short course poultry school at the Missouri State Agricultural College. Just another Missouri show-me stunt.

We have a letter from a St. Louis Booster Club man who says we should try to land the A. P. A. meeting there this coming August. The meeting will be held there, all right, all right, and there will be a great aggregation of westerners on hand to make the work fly.

Tom Ricksecker was awarded the blue ribbon for the heaviest layers in the last Kansas City show. He had forty-one birds down there on display only and they laid more eggs than—well, it is but getting into a fight to say it, so we refrain. The idea is that Tom won the ribbon and the show officials gave it to him fairly.

Uncle John is knocking the Chicago show again. No wonder! They tell us his dyspepsia is worse o'winter than summer. He's beginning to find out he doesn't cut much congealed water and it makes him crusty. We'd say a lot of mean things only we turned over a new leaf on the first day of nineteen ten.

BACK TO NATURE (?)

A little while ago I was reading an article on the "Open Front" style of henhouse in which the author was setting forth the beauties of that style of architecture. I am not sure that I remember all the arguments he adduced in support of the theory that hens did well when exposed to all the rigors of winter in this climate, but there was one argument which did make an impression on my mind, and that was as follows:

"We ought to let hens stay outdoors during the winter, because in a natural state the feathered tribe live outdoors all winter without artificial houses, etc., AND THE THING WE OUGHT TO DO IS TO GET BACK TO NATURE AND NATURAL CONDITIONS."

The BACK TO NATURE argument seemed conclusive to him and seemed to settle the question. Away with all the artificialities of life and BACK TO NATURE! Let hens live under natural conditions. The sooner we get back to natural conditions, the better for the flock, etc., etc., etc., ad infinitum and ad nauseam!

Well, I wonder if the man knew what he was talking about? What is a state of nature, applied to chickens, and what would be the results? Let us ponder and reflect a minute.

The modern gallus domesticus, the chicken of today, is a highly "unnatural" bird; the result of centuries and centuries of domestic handling. The result has been a highly "unnatural" production of eggs and a highly "unnatural" size and edibility and a highly

White Quill White Wyandottes and S. C. Leghorns

MR. FANCIER—Do you know and realize that WE have supplied the winners to discouraged fanciers and breeders that were once quitters but are now successful poultrymen. If you are discouraged, a trio of our birds or a setting of eggs will make your competitor sit up and take notice while you get first money. Remember they are winners in Detroit, Toledo, Ithaca, Marion, Wapakoneta, Elmore, and Sylvania. Scores, 93 to 96%. Let us book your order for eggs. Write for prices. Give us a trial. WE CAN PLEASE YOU. Our Prices are Right. WE HAVE NO DOLLAR BIRDS—BUT WE HAVE BIRDS OF SUPREME QUALITY.

Naumburg & Booth

1532 West Brancroft Street

Toledo, Ohio

Amatite ROOFING

Needs No Painting

MOST ready to fing require special painting and coating, and unless this is done regularly, you are sure to have leaks and trouble right along.

If you use Amatite, nothing of the sort is required. You will have real roof protection *without painting* of any kind.

Amatite is made to stay waterproof and give protection year after year, without any thought or care on your part.

First—Because it is waterproofed with Coal Tar Pitch.



Second—Because it has a real Mineral Surface.

Amatite, owing to these features, is the most economical roofing made. Its first cost is low, and you are *saved* all future expense for repairs or paint because it will need neither

If you haven't seen Amatite, write for a sample to-day. From it you will very quickly understand why it doesn't require painting; why it does not leak; and why it saves you money.

Address nearest office to-day.

BARRETT MANUFACTURING CO.

New York Chicago Philadelphia Boston Cleveland St. Louis
Cincinnati Minneapolis Allegheny New Orleans Kansas City London, Eng.

"unnatural" lack of power of flight. The bird has lost its habits of migration to warmer climates during the cold season and has become "unnaturally" tame and tractable. He has been subdued to man's use and is one of the most economically productive animals known.

What has brought about this change?

We have fed the bird and this has relieved him from the necessity of seeking his food; this has gradually curtailed his power of flight. We have housed him and this has led to the loss of the migratory instinct. By housing him from the rigors of winter we have produced artificial conditions that have induced laying of eggs and has produced size and weight. Housing, personal care and constant feeding have completely changed the disposition of a naturally wild bird. Of course this required centuries and centuries to accomplish; but we see the results today in our domestic chicken.

The point is that the modern hen that lays say 200 eggs a year and stays about our dwellings summer and winter is the result of artificiality, and most decidedly not the result of "natural" conditions.

Assuming that we could revert to "natural conditions," what would be the result? Well, use your eyes and answer the question. A migratory bird, here today, somewhere else tomorrow. A bird that roosts in trees, inaccessible to man. A bird that lays perhaps four eggs per year. Here you have your STATE OF NATURE, to which, according to our sciolist, we should be glad to return! How much per dozen am I offered for such birds? Who would contract to supply a hotel with eggs from such a bird? The argument is silly.

There is no question that hens with certain type of combs can live in an open shed all winter and will lay eggs. Why? Because they have acquired the habit through countless generations of artificial treatment at the hands of man through centuries and centuries. They lay now, under adverse conditions, because of long-continued previous favorable conditions, not as the result of present adverse conditions, dissimilar to those conditions under which their ancestors acquired the habit of laying say 200 eggs a year. They lay in spite of adverse conditions and not because of adverse conditions. The birds of the trees lay four eggs a year under conditions which may be called "natural." If you capture them and put them in confinement, they do not immediately change their habits. Under the best care that we can give them, the wild birds continue laying eggs just as they have always done for thousands of years: that is, about four or five eggs a year.

On the other hand, take your domestic chickens and give them the so-called "natural" conditions (open shed, free range, etc.), they continue laying as a result of past conditions through centuries of domestication. If we took a dozen hawks, for example, and put them under conditions in which our chickens ordinarily live—would they immediately change their habits, lay 200 eggs a year and become tame and edible? Would not their usual wild and predatory habits continue?

This brings us to the profound, universal law that all animals, as well as

all plants, are the result of surroundings and tend in the course of time to harmonize themselves with their environment. The hawk is the result of environment and the conditions of life with him are harmony with those environments. The domestic chicken is the result of his past surroundings and he conforms to his environment. For centuries and centuries he has been fed and watered, handled, housed, protected

of the cry: BACK TO NATURE AND NATURE'S CONDITIONS, as applied to domestic fowls.

"A little learning is a dangerous thing."
E. L. C. Morse.

A CORRECTION.

In our February issue we stated that John S. Martin won first on White



from the extremes of weather by man. As we see him today he is the inevitable product of those long existing past conditions.

The ordinarily intelligent reader will thus see the absolutely silly character

Wyandotte pen at the late Boston show, but J. W. Andrews informs us he won first pen, competing against both old and young pens, which makes his the champion White Wyandotte pen at that show.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

R. C. Black Minorcas

At the Wheeling, W. Va., show I won 2 cock; 1-2-3-4 hens; 1-2 cockerels; 1-2 pullets; 1 pen; also silver cup. Write for prices on stock and eggs.

Chas. Stewart - - Dillonvale, Ohio

The Show at Port Huron, Mich.

A winner at one of the largest and certainly the hottest class of White Wyandottes ever seen in the state and as usual my birds get their share of the money; my winning cock and cockerel, a sensation. Eggs, \$3 per 15; \$5 per 30; from my best pens.

J. B. Greenan

Deckerville, Michigan

Barred Rocks

I breed Rocks that have that bright snappy color and even barring that is so hard to get; I also have large size and correct type. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

Geo. W. Bachman

North Baltimore, Ohio

S. C. R. I. REDS

At Wheeling, W. Va., my Reds won first pullet, first and third cockerel; second hen, also specials for best shaped female, best colored male and best colored female. Stock and eggs for sale.

Geo. H. Keck

Edgewood

Wheeling, W. Va.

MORE EGGS FROM LESS FEED!

Weldon's Fireless Poultry Fountain and Hopper Feeder—allows fowls to feed as nature intended. Try one 10 days at our risk. **ANDREWS WIRE & IRON WORKS, SUB STATION C, ROCKFORD, ILL.**

BROWN LEGHORNS!

Rose and Single Comb, and Silver Spangled Hamburgs, America's greatest winners. Eggs, \$1.50 per 15.

T. E. APPLGATE : SPICKARD, MO.



"WINTER EGGS 45¢—WHEW! Why not preserve eggs when cheap this Spring? Write Willett's Water Glass Egg Preserver Co., Box 56, Anderson, Indiana, for prices and particulars of U. S. Govt.'s best method."

ALLISON'S BUFF ROCKS

World wide winners. Fine lot of birds for sale; send for list. Eggs \$3 and \$5 per set.

E. C. Allison, Edinburg, Ind.

**Ideal Poultry Land**

Only 19 miles from Atlantic City, N. J. Excellent transportation facilities. Best markets of the country within quick and easy access. Clean soil, pure water, mild, healthful climate and early spring insure good profits raising squabs, poultry and eggs. Fruits and vegetables produced with good success. Two main line railroads. Large manufacturing town nearby. Title insured. White people only. Booklet free. Write today.

Frazier Company

691 Bailey Bldg.

Philadelphia : Pennsylvania

**RILEY'S BARRED PLYMOUTH ROCKS.**

A Visit to the Home and Yards of Mr. Henry D. Riley, at Strafford, Chester County, Pa., One of the Old Time Breeders Whose Record as a Winner Dates Back Many Years.

There is always a certain expectancy mingled with many desires when visiting a poultry plant. We expect to see fine stock, kept in approved fashion. Satisfy this and there still remains the desire to meet the "boss" and to find in him a fancier and breeder whose success has been made by his own efforts.

We have known Mr. Henry D. Riley for a great many years. Have handled his birds at New York, Philadelphia, Williamsport, Buffalo and other great shows, and when on February 8, 1910, the opportunity came to visit him at his home, we gladly accepted, for we knew him to be just one more of the kind of breeders we want to meet in his yard.

A short ride from Philadelphia brought us to Strafford, a very pleasant village affording homes to a thousand busy merchants of the great city but 15 miles away. Close by was the home of Mr. Riley and his poultry yards, occupying forty acres. Here we found a home of our ideal, away from the humdrum of the city, still within easy reach, and in a location naturally beautiful.

Mr. Riley has been an ardent fancier and breeder of Barred Rocks for about fifteen years, being a most liberal exhibitor. His success is proven by his many winnings at our best shows for years back. His record this year is a stunner, including three of the greatest shows held in three different states.

At Williamsport, Pa., the A. P. A. state show, he was awarded four first prizes, two second and two third prizes, gold special for best male in the show, silver medal for best cockerel, gold special for best display of Plymouth Rocks, gold special for best cock, hen, cockerel and pullet; special for championship male and specials for both shape and color.

At Baltimore, 1910, the beauty show, and one of the best held this year, his winnings were fourth cock, first and second hen, fifth cockerel, third and fourth pullet and first prize exhibition pen.

At the Buffalo, N. Y., Great International show, in the best of competition, he won first cock, first, third and fifth hen, second cockerel, second pullet and first prize exhibition pen; gold special for best display, the club national cup for best cock, hen, cockerel and pullet, and five other gold and cash specials.

Mr. Riley is not only well and favorably known as a breeder, but also for his successful work for the Philadelphia Poultry Association, of which he has been president for several years. The prominence and success this association has attained the past four years is largely due to his work.

The poultry plant consists of three large breeding houses, two brooder houses with forty brooder capacity.

The main breeding house as you enter has a shipping and conditioning room, with everything handy for such work. Then come ten pens, each 12x14 ft., with open fronts. The office is to the right of this house with light and tele-

phone attachment. Two other houses, each 12x60 ft., are out on the range where the birds can roam at will in approved fashion.

The stock seen here from first to last was in the best possible condition, and the quality a real pleasant surprise. We expected to see good birds, but were not expecting such general high grade birds in every pen. Entering the breeding house from the shipping room we found four pens mated for cockerels and four for pullets. The first cockerel pen was headed by the first prize Buffalo cock, a bird of rare quality in shape and color; he shows plainly his breeding quality. His mates were evidently selected with the greatest care; next to type and color the head points impressed us most favorably. Next was the first Philadelphia cockerel, which was hatched from Mr. Riley's eggs and which bird Mr. Riley had the good fortune to purchase at the late Philadelphia show. He is also a wonder in color and barring, with excellent form. His mates, seven pullets, were alike and the equal of any seen. Next was the first Williamsport cockerel. A bird of rare beauty, grandly barred, with a most exquisite shade of color and barring. His mates were six grand hens with extra heads and strong color. The next pen was headed by the second Buffalo cockerel, a grand male in every section, and to him were mated hens of Mr. Riley's best. Mr. Riley can surely look with hope to these matings, and from their blood lines as told us we are assured results will be had here.

The four pullet matings came next. The first pen was headed by a pullet bred cockerel of rare form and size, mated to hens that were all winners and of Mr. Riley's best blood line. The next pen contained a cockerel equally as good in every way as the one in the pen just described and to him were mated hens and pullets of rare quality. The next pen was headed by a cockerel bred from Mr. Riley's grand hen "Thelma," first hen at Buffalo and a hen which I consider the equal of any I have handled this year. This cockerel was one that I had to look at twice; he certainly is a remarkable pullet breeder, and Mr. Riley must certainly have results from this pen. The next pen was also headed by a cockerel out of another of Mr. Riley's best hens. He was good to look at, barring very narrow, and with a color that is most desirable. He was mated to females of a bright, snappy color. In all these pullet mating pens

JUST WHAT YOU WANT

Eggs from prize winners at East Liverpool, Massillon Wheeling and McKeesport. \$3 per 15; \$5 per 30. S. C. Buff Orpingtons and S. L. Wyandottes, LINN & BARGER, Smithfield, Ohio.



TRADE MARK

The Grit That's Sharp

Cuts up food in hen's gizzard so that it fits it for eggs and gives growth. 'Tis sharp—keeps its edges until absorbed.

Order Maka-Shell Grit

Hens prefer it to gravel, glass, or oyster shell. It contains Lime, Iron, Magnesium, and other elements that are suited to the digestive processes, and increases egg production through active assimilation. Ask your dealer, or send us \$1 for two 100-lb. bags f. o. b. cars. Order today. New booklet, "Hen's Dyspepsia," and sample free.

EDGE HILL SILICA ROCK CO.
Box D : New Brunswick, New Jersey

SUCCESS IN CHICKEN RAISING

Is the result of foundation stock—selection of scientifically bred birds. Intelligent care—after selection—in their housing, feeding, mating and reproduction of parent stock.

YOUR CHANCE FOR SUCCESS LIES IN getting profit payers—birds readily saleable because of unexcelled vitality and egg-laying and exhibition qualities. Experimenting and perfect care have produced a strain from which we sold 12,000 breeders during the past year. That means that the

Newtown White Leghorns

are the birds in greatest demand in America

A GREAT WIN AT PHILADELPHIA. 1st, 2d, 4th and 5th cock; 2d, 3d, 4th and 5th hen; 1st and 3d cockerel; 3d pullet; 1st and 2d exhibition pen; special for best Leghorn male in show—any variety: trophy cup for best display of Leghorns.

At reasonable prices you may purchase from unexcelled breeding stock hatching eggs and baby chicks from the

Newtown Producing Company

Send for Free
Illustrated Catalog

Box 173, Newtown, Bucks County, Penna.

FISHEL'S WHITE WYANDOTTES



"My Papa Wants to Sell You White Wyandottes"

Our winnings at St. Louis, Cleveland, Nashville, Indianapolis, San Antonio, Springfield and other leading shows is proof of the claim we make to have

THE WORLD'S BEST WHITE WYANDOTTES

They have won in the hands of our customers in every State in the Union against all comers. White Wyandottes are the Standard Utility Fowl.

EGGS - EGGS - EGGS

From the finest matings we ever owned. Seventeen grand breeding pens in all.

Pen A1 consists of five World's Best Pullets mated to a World's Best Cock. We believe these six birds to be as good if not the best of any six White Wyandottes living. They are the Best of the World's Best, and eggs from this pen should produce many prize-winners for the next season. We will spare a limited number of eggs from this pen at \$5.00 each or \$75.00 per setting of 15 eggs.

Pen A2 consists of seven hens and the best cockerel we raised this year; in fact the best cockerel we ever owned. The hens are seven of the best hens living today. Eggs from this pen at \$50.00 per setting of fifteen eggs. Excepting the above and pens 1 and 7, all eggs at \$5.00 per setting of fifteen eggs. And eggs from pen 1 at \$15.00 and pen 7 at \$10.00 per setting of fifteen eggs.

Send us a dime today for our catalog, describing "FISHELDOTTE, THE HOME OF THE WORLD'S BEST WHITE WYANDOTTES," it is worth dollars to you. You can judge from it the quality of stock you should get from eggs you purchase. Send at once, today, without delay.

J. C. FISHEL & SON, BOX J, HOPE, INDIANA

WILSON'S S. C. BLACK MINORCAS

St. Louis and Indianapolis silver cup and Madison Square Garden winners. At the great St. Louis show in competition with 108 S. C. Black, all S. C. Blacks and all White Minorcas, I won silver cup for best male and female in show. A few cockerels, pairs and trios, for sale. Eggs from two grand pens scoring 94¼ to 96¼, \$3 per 13. Order now.

E. E. Wilson State Champion Black Minorca Club 921 Ashland Avenue, Indianapolis, Indiana

CHICAGO FIRST PRIZE BARRED ROCKS

Simpson's B. P. Rocks have again shown their quality by winning at the great Chicago show 1st and 2d cock, 1st and 3d hen, 5th cockerel, 3d pen and special for 4 best cocks, and 4 best hens and 4 best pullets and \$25 cup for 2 best cocks, 2 best hens, 2 best cockerels, 2 best pullets, and pen. They always win wherever shown, both in United States and Canada. If you want quality, write me. I have some grand birds for sale. Am booking orders for eggs from pens containing my prize-winners at \$5 per 13, \$10 per 30, \$16 per 100. Write for circular and mention the American Poultry Journal.

Edgar G. Simpson Box A Naperville, Illinois

IMPERIAL POULTRY FARMS'

S. C. BUFF, BLACK, AND WHITE ORPINGTONS. Winners at St. Louis, Illinois State Show, Bloomington, Peoria and Atlanta. Won on Blacks, St. Louis, on 2 entries, 2d and 4th hens; Illinois State Show, 1st, 2d, 3d, 4th hens, 2d cockerel; Bloomington, 1 cockerel, 1 pullet, 1st, 2d, 3d hens. My first hen scoring 96¼. Won on Buffs at Illinois State Show 1st and 2d cockerel, 3d pullet, 2d pen, Bloomington, in a class of over 60 Buffs, won 1st and 2d hens, 1st, 3d, and 5th cockerel, 1st and 2d pullet, 1st and 3d pen, showing a different string of birds here from what was shown at state show. Write for mating list; it's free. Eleven grand pens mated for the egg trade, containing all of my winners. Fertility guaranteed.

IMPERIAL POULTRY FARMS, Chas. C. Miller, Prop., ATLANTA, ILL.

FIRST HEN, CHICAGO, DECEMBER, 1909 : FIRST PULLET, CHICAGO, DECEMBER, 1909

WHITE WYANDOTTES

"Crown Prince Strain." At Indianapolis, February, 1910, I won first and second pen and four other prizes. Also silver cup for best display. All stock sold. Some grand pens mated for the egg trade. Send for my mating list. It will interest you.

Geo. F. Schmidt - Box Z, Martinsville, Indiana

S. C. R. I. Reds

The finest that years of scientific line breeding can produce. Winners at all the leading shows. My yards are headed by males that have won at New York, Boston and Cleveland. Send for Mating List describing them.

Geo. L. Buell - Lorain, Ohio

MOORE'S QUALITY STRAIN OF BLACK LANGSHANS CUP WINNERS

My birds have always won at Indianapolis, Richmond, Dayton and Cincinnati. At Indianapolis, 1910, I won five prizes on five entries, including Association silver cup. Am offering twenty grand cockerels and fifteen pullets at reasonable prices, the best I have ever bred in my fourteen years' experience. Am booking eggs at \$3 per fifteen. If you want the best at reasonable prices, write

Whitewater Poultry Yards, J. W. Moore, Mgr., Member Black Langshan Club, Lock Box 324, Cambridge City, Ind.

BARRED ROCK EGGS

Have mated up ten grand pens for the season's trade, eight pens for cockerels and two for pullets. The birds in these pens are the **Very Cream of the Country**. Most of them are tried and true breeders that have produced my prize winners. If you want eggs

That Will Hatch

Prize winners I can supply you, and at prices that you can afford to pay for good stock. I guarantee satisfaction in every particular. Send for my new up-to-date catalogue.

Wm. H. Hoover, Barred Rock Specialist, R. 2, Box 4, Polo, Ill.

there were two features that strongly impressed us: they were the shapes and the beautiful wings. It is plain to see that Mr. Riley fully understands the value of good wings, and that his work along these lines has been successful.

In the two other breeding houses we found many birds of equal merit headed by cockerels of grand quality. It was evident that quality alone was wanted here. There are no fillings in any of the pens; all were carefully made and are worthy of the reputation Mr. Riley has made as a breeder of Barred Plymouth Rocks.

We here saw and again handled "Patti," Mr. Riley's famous first prize pullet at Philadelphia of four years ago. It is a satisfaction to meet with the old time winners. She is still a beauty and in shade of color compares most favorably with our best of this day. Her shape is also of the best, with a very fine wing. Mr. Riley has a favorite in her, for, as he well said, "She has made good in show room and breeding yard." Her characteristics are plainly shown in several of the females that have won highest honors at this season's shows.

Our visit, though short, to Mr. Riley's home was greatly enjoyed by us both, for the grand collection of Barred Plymouth Rocks seen and the amount of chicken talk we got away with. Mr. Riley's special interests are in his poultry. He is a thorough fancier and his greatest concern is to have pleased customers. Mr. Riley's catalogue will give all other information.

GROVE HILL POULTRY YARDS, WALTHAM, MASS.

Elsewhere in this issue is shown photo engravings of two of Grove Hill's famous winning males—"Champion Intruder," the New York 1909 champion Barred Plymouth Rock male, and one of his sons, with pedigree of this line. Here can be seen the value of line breeding, for while records of individuals are worth consideration, the records of winning lines are doubly valuable. These results effectively eliminate the questions of chance bred birds, for they have been bred along lines that have for years produced New York show winners, and if there is such a thing as "Like producing like" or improvement, then we can safely look for it in this mode of breeding.

These breeders have given the Barred Rock world many specimens of the greatest merit, and their line has characteristics of their own, well worth considering. Most prominent is their style and vigor, which are closely followed by clean, even color and narrow barring. These desirable points are requirements of our best show birds, and when had go a long ways in placing them prominent winners.

At the 1910 New York show, and in one of the best classes of Barred Rocks ever brought together, Grove Hill won first prize cock and shape special male with a grand strong barred of greatest merit. They also won first prize, color special and champion male on cockerel. We handled this bird and simply could not find a particle of foreign color in him, and placed him the unquestioned champion of the year. H. P. Schwab.

A really good illustration must be pertinent to the advertising matter; in fact, it should be an argument in itself.

GOOD TO KNOW

by C.W. Zimmer

This department is open to all readers and advertisers in the central territory and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, central representative, Ft. Wayne, Ind.

H. T. Marshall, of Sheridan, Ill., R. R. 53, called at our office lately. Mr. Marshall breeds S. C. Reds exclusively and reports his surplus stock all sold, but he has several fine pens mated for the egg trade.

* * *

If you breed White Rocks or White Wyandottes, the ad of Rockandotte Farm, R. 3, Southboro, Mass., will interest you. Mr. W. R. and Mrs. S. H. Graves breed the kind in both these varieties that won at Madison Square and Boston. See their ad. elsewhere.

* * *

The Single Comb Brown Leghorn when bred to perfection is a beautiful bird. This is the way they are bred by W. H. Wiebke, Box P. 348, Ft. Wayne, Ind. See his ad. elsewhere.

* * *

We are informed that J. M. Williams & Co., Box B, North Adams, Mich., were the first breeders to advertise Orpingtons in this country, having carried an ad. in American Poultry Journal over ten years ago. They still breed Single Comb Buffs and Rases and Single Comb Whites. They have some fine pens mated for the

egg trade. Send for their mating list, it's free.

* * *

If you want Indian Runner Duck eggs, the Frogdale Poultry Farm, French Lick, Ind., can supply you.

* * *

Secretary Campbell attended the Indianapolis show and twenty-eight new members were added to the American Poultry Association. Let the good work go on.

* * *

What is "Dustyne"? Why it is a dust bath and absorbent material. When given chickens to dust in it rids them of lice and when used on the dropping boards it absorbs the moisture and ammonia, keeping your hen house dry and your birds healthy. What's more, it's cheap. Better send for circular. Address Poultry Dust Bath Co., Box M, Whiting, Ind.

* * *

The best thing we can tell you this month is that most breeders (particularly those who advertise in American Poultry Journal) report an exceptionally good business. Most of them say stock

all sold, have more egg orders booked than ever before. Truly there is a general interest being taken in poultry. Better raise all you possibly can, for the demand for stock this fall is sure to exceed the supply. A word to the wise.

* * *

Peter Hurt of Buff Leghorn fame, from Thornton, Ind., was at the Indianapolis show and as usual wore that smile that won't come off. After the smoke had cleared away he still wore it. Well, yes, he won his share of the ribbons and some of the other winners were "Hurt Strain."

* * *

Mr. G. Earl Hoover, Matthew, Ind., breeder of Barred Rocks, showed a grand pen at Indianapolis, Ind., where in a hot class he captured fourth place. Mr. Hoover breeds Rocks of high quality.

* * *

Have you seen the ad of Rockandotte Farm, Southboro, Mass., in this issue? They breed White Rocks and White Wyandottes that win year after year at Madison Square Garden and Boston.

* * *

If you want Indian Runner duck eggs the Frogdale Poultry Farm, French Lick, Ind., can supply you.

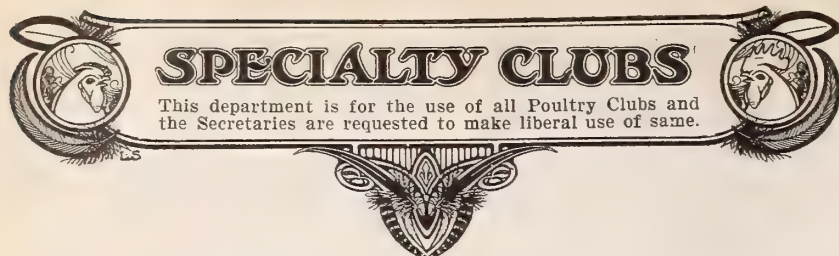
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AN OMISSION.

In the report of the New York show in our February issue we failed to give credit to Glenn H. Burgott, Eden, N. Y., on his winning of 1st and 3d hen in the Buff Wyandotte class.



COLUMBIAN WYANDOTTES. NEW YORK WINNERS, OWNED BY A. C. HAWKINS, LOCK BOX 25, LANCASTER, MASSACHUSETTS



This department is for the use of all Poultry Clubs and the Secretaries are requested to make liberal use of same.

NOTICE TO R. C. BLACK MINORCA BREEDERS.

The sixth annual meeting of the International Rose Comb Black Minorca Club was held in Madison Square Garden, New York, December 29, 1909. The meeting was well attended. The secretary's report showed a gain of thirty-seven new members during the past year, and the club affairs are in good condition. The present show season marked a great increase in the number of entries of Rose Comb Black Minorcas, classes of fifty or more being quite common. The club offered specials at more than 400 shows during the past season.

George H. Northup, who had served as secretary and treasurer of the club since it was organized and who has now retired from the Minorca business, had announced that he would decline to serve longer in this capacity. Hence the election of officers was looked forward to with interest and resulted as follows: T. A. McKittrick, Hudson, N. Y., president; T. A. Faulds, London, Ont., vice-president; Lloyd C. Mishler, North Manchester, Ind., secretary-treasurer. Thomas C. Samuels, Nanticoke, Pa.; H. A. Keister, Bangor, Mich.; J. G. Yates, Spickard, Mo., and Dr. L. P. Holbrook, Olympia, Wash., were ap-

pointed members of the board of directors.

Applicants for membership who send \$2 in payment for membership and first year's dues will be credited with membership to July, 1911. Send to the secretary for application blanks. Copy of club catalogue furnished on request.

PARTRIDGE WYANDOTTE CLUB OF AMERICA.

The annual meeting and exhibit of this club for 1909 was held with Boston Poultry Association, Mechanics' building, January 11 and 15, and annual meeting at Boston, January 13, 1910.

The following officers were elected for 1910: President, M. H. Coffin, Whitinsville, Mass.; first vice-president, Dr. C. M. Baskerville, Mt. Pleasant, Mich.; second vice-president, W. A. Doolittle, Saberta, Kan.; third vice-president, J. D. Clark, M. D., Abington, Conn.; auditors, George V. Fletcher, Belmont, Mass.; W. C. Fuller, Norwood, Mass.; secretary-treasurer, H. R. Hildreth, Worcester, Mass. C. A. Ballou, Worcester, Mass., was chosen by vote of club to judge the next annual exhibit of club, which was decided to be held in connection with Boston show.

The following indorsed by the club as club judges and recommended by it to

all show associations: T. W. Rogers, Brockton, Mass.; M. H. Coffin, Whitinsville, Mass.; W. A. Doolittle, Saberta, Kan.; W. S. Macklum, Detroit, Mich.

The club voted to issue a catalogue this year, and all breeders of this variety are cordially invited to join the club.

Address all applications for membership, etc., to the secretary-treasurer.

Two dollars is the fee—one for admission and one for first year's dues.

H. R. Hildreth, Secretary-Treasurer.
Worcester, Mass.

AMERICAN POLISH CLUB.

The annual meeting of the American Polish Club was held in Mechanics' Hall, Boston, January 12, at 2 p. m., and the following officers were elected for the ensuing year:

William McNeil, London, Canada, president; Glenn Brown, Mt. Gilead, O., general vice-president; Geo. W. Trent, secretary and treasurer, Wilmette, Ill.; Frank L. Andrews, assistant secretary, Fall River, Mass.

As a result of this annual meeting, which was held during the week of the Boston show, there was an unusually large exhibit of Polish, the new president having entered 72, and every variety of Polish was well represented.

It was voted that the next annual meeting should be held west of Pittsburgh, and that the poultry association offering the best inducements would be favored. Correspondence on this subject should be sent to the secretary.

The membership fee in this club is only \$1 and all persons interested in Polish should join the club and participate in the advantages it offers to its members.

Send for application blanks to George

ORPINGTONS

Buff, Black and White

this honor. My stock of sale birds in Buffs, Blacks and Whites is complete. Can furnish you breeding birds at as low a figure as any breeder can supply, quality considered. But remember, when you buy of me you get line bred birds that are properly mated—a most important feature for which I make no extra charge. If you want to win or produce winners for the largest shows of the United States or Canada, write me; I have the birds. Make clear your requirements when writing.

Eggs: \$5, \$10 and \$15 per 15 from Special Matings, Including My Winners

G. S. BYERS ORPINGTON SPECIALIST ELEVEN YEARS **HAZELRIGG, INDIANA, U. S. A.**

WOLVERINE STRAIN WHITE PLY. ROCKS

Have won highest honors at Boston, Chicago, Detroit, Indianapolis, Toledo, etc. They made a clean sweep of all first prizes at Sherwood in 1903, Detroit S. Show in 1905, Grand Rapids in 1906, Toledo in 1907, Detroit S. Show in 1909. They are acknowledged to be one of the best strains of White Plymouth Rocks.

My breeding pens never contained such uniformly high grade stock as they do today. My new mating list, originally illustrated, tells all about them. This, and my regular 36-page



illustrated catalogue containing useful information, list of winnings, etc., etc., free, if you send two 2c stamps to cover cost of mailing. If you want to hatch your winners for next season, do not overlook me when placing your orders for eggs. I have the stock, the experience and the desire to do the right thing by my customers, and would appreciate the opportunity to show you.

LYMAN H. HILL
Station 1, Jackson, Mich.

W. Trent, secretary and treasurer, Wilmette, Ill.

AMERICAN HOUDAN CLUB.

At the recent election of the American Houdan Club the following officers were elected for the ensuing year:

President, John T. Heizer, Columbus, O.; vice-president, John Baber, Lawson, Mo.; secretary-treasurer, James Abernethy, West Pembroke, Me. Executive committee: Dr. George W. Taylor, Orleans, Ind.; Rev. C. E. Petersen, Bridgton, Me.; C. E. Arnold, Babylon, L. I., N. Y.

The club has made a very large gain in membership during the past year and is working to further the interests of the Houdan and for the welfare of every breeder of this grand old breed, which is once more rapidly coming to the front.

A new club catalogue is about to be issued, and it will be to the advantage of every breeder of Houdans, whether a member of the club or not, to write the secretary and get information as to what the club is doing, and what plans it is making to bring the Houdan more prominently before the public.

Jas. Abernethy, Secretary-Treasurer.
West Pembroke, Me.

BLACK ORPINGTON CLUB NOTICE.

The 1910 club catalogue is just off the press and is a very great improvement over any previous catalogue.

The edition is twice as large as that of last year and contains the names of many more members. In every way the catalogue is an improvement over any previous effort.

The catalogue contains the names of 250 breeders of Black Orpingtons who are in good standing. Some names having been dropped during the year.

All breeders of Black Orpingtons who do business on a high plane are invited to become members of the club. The dues are \$1 per year and entitle members to compete for club medals, cups, etc., at all the shows.

The club catalogue is sent free to members, to others the price is 10 cents, by the secretary.

Milton W. Brown, Secretary.
Sta. L, Cincinnati, O.

AMERICAN BLACK MINORCA CLUB.

The fifteenth annual meeting of the American Black Minorca Club was held January 1, 1910, Madison Square Garden, New York. The following officers were elected for the ensuing year: President, Hon. J. P. Hilldorfer, Allegheny, Pa.; vice-president, R. H. Armstrong, Richmond Hill, L. I. N. Y.; secretary and treasurer, Frank McGrann, Lancaster, Pa. Directors: W. F. Lindenberg, Fort Wayne, Ind.; P. S. Klee, Blauvelt, N. Y.; Henry Dunne, Toronto, Canada; O. E. Remsen, Annapolis, Md. A large list of new members were elected and the affairs of the club are in excellent condition.

CLUB NOTICE.

Notice to judges of Rose Comb White Minorcas; also of all breeders of this variety: Will you kindly write the club secretary, stating your opinion as to whether this variety is worthy of a place in the standard. They have been bred for nine years and are being shown at all principal shows, large classes and fine specimens being shown. Breeders are invited to send \$1 and join the National Rose Comb White Minorca Club. Fred Alger, Secretary.

Waukau, Wis.

S. C. BROWN LEGHORN CLUB.

American S. C. Brown Leghorn Club catalogue for 1910 will be ready for distribution March 1. It will contain

much valuable information on the "Browns," and should be in the hands of every breeder of this popular variety. Be sure and send for catalogue, also join the club. Annual dues, \$1. Address E. W. Staebler, secretary, West Park, O.

NATIONAL BLACK LANGSHAN CLUB.

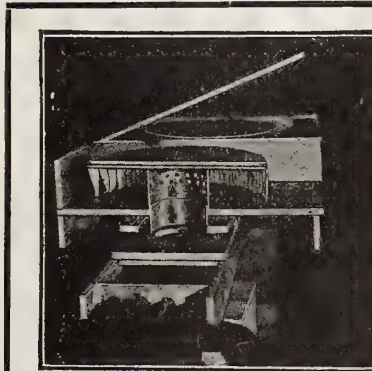
The National Black Langshan Club has just published their 1910 catalogue, which will be sent to all who request it. M. S. Barker, Secretary.

Thorntown, Ind.

JACKSON'S WHITE ORPINGTONS.

In writing up the report of the New York show for our February issue, the reporter through oversight did not make mention of the magnificent display of White Orpingtons made by Lawrence Jackson, of Haysville, Pa. At this show Mr. Jackson won third hen and second pullet, which we consider was a remarkably good record when the class that was represented there is taken into consideration. This winning, together with his winning at the late Chicago show, places Mr. Jackson in the front rank of breeders of this variety.

If you didn't increase your space this month better do so next month and get a piece of the egg business. There are plenty of buyers if you attract their attention.



INVESTIGATE THE CANDEE HOT WATER BROODER SYSTEM

The Hot Water Heater is fifteen times cheaper than oil lamps for fuel. The Temperature is automatically controlled by the heat of the water. Temperature always what you want. At all stages, "Healthy Heat Makes Healthy Chicks."

This illustration gives a partial view. Our free catalog fully describes the features that make this system the best on the market. Write today.

Candee Hot Water Brooder Co.
Box A : : DeWitt, New York

40 BREEDING YARDS OF SINGLE COMB BUFF LEGHORNS

The largest Buff breeder in the world. My birds are bred to lay. Ten pullets in 1908 averaged 222½ eggs. Each bird mated in my 40 pens is a show bird and I have over 500 of them that are the pick of over 4,000 raised last year. In 1908 I won most of the ribbons at Hamilton and the great Cincinnati show, and 2 silver cups for best display. In 1909, at Hamilton, 1st cock, 2d hen, 2d and 3d cockerel, 2d and 4th pullet, 2d pen and special for best colored male in show. The great St. Louis show, 1909, 2d cock, 2d pen, 3d pullet, 5th cockerel. Chicago, 1909, 3d pen; showing at the above three shows at the same time. Dayton, 1910, 1st and 2d hen, 1st and 2d cockerel, 1st and 2d cock, 1st, 2d, 3d and 4th pullet, 1st pen, four club ribbons and silver cup for best display in Mediterranean class. Columbus, 1910, 1st cock, 5th cockerel, 2d pullet, 2d hen, 1st pen. Cleveland, 1910, 3d cock, 5th pullet, 1st pen. Indianapolis, 1910, 2d cockerel, 2d pullet, 4th cock. Toledo, 1910, 1st hen, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st pen. I have over 900 birds for sale and running 17 250-egg incubators and can furnish day-old chicks at \$20 per 100; eggs, \$2 to \$10 per 15, and \$10 per 100. Write me if you want good stock or eggs.

F. S. SMITH, BOX C & D, HAMILTON, OHIO

SHEPPARD'S FAMOUS ANCONAS THE WORLD'S ::: BEST :::

Have won three times as many First Prizes and Silver Cups, four times as many Special Ribbons, as all Ancona breeders together, in both Single and Rose Comb classes, in the great national 1910 meeting of the International Ancona Club. For four consecutive years my birds have won four times as many first and second prizes at the big Madison Square Garden show as all my competitors combined. Have won first at Dairy Show, London, England, and many firsts at Cleveland. My birds are not only noted as prize-winners, but are famous for being such heavy winter layers. A flock of Sheppard's Famous Anconas has laid the wonderful average of 256 eggs for each hen for year. Can furnish you with hatching eggs that will produce prize-winning and heavy laying stock. Rose or Single Comb. Circular free. One splendid English bull dog, 9 mos., old for \$25.

H. Cecil Sheppard : IMPORTER EXPORTER BREEDER : Box M, Berea, Ohio
President International Ancona Club

DILLON & BELL WIN

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio

Barred Plymouth Rocks and S. C. White Leghorns

No better stock to be obtained than are in my yards this season and their record at the leading shows proves this assertion. I guarantee satisfaction. Write me for prices and particulars.

Elden E. Cooley : Frenchtown, New Jersey

Bennett's Red Pyle Games

THE KIND WITH YELLOW LEGS. I won 1st cock, 2d hen, Madison Square Garden; 1st cockerel, 1st pullet, Buffalo, N. Y.; 1st cockerel, 1st pullet, 1st hen at Pittsburg, Pa., and every place shown. I have six grand pens. Heavy layers, good setters and best of all for table stock all out. Eggs, \$5 per 15, as long as I can fill the orders. Get some real fancy chickens.

Henry Bennett :- Brown, W. Va.

Hanlon's Buff Leghorns

Produce the winners. They have won the best prizes for years past. Lamons old strain pure. Choice show and breeding birds for sale. Two cocks and five hens of very fine Salmon Faverolles for sale at a bargain. Write for prices.

PHILIP HANLON, JR. :: WATERTOWN, NEW YORK

COLUMBIAN WYANDOTTES

True in type and color. On exhibits at three large shows this season, my birds have won ten first prizes, including first hen at Madison Square Garden, in the hottest kind of competition. I shall breed ten matings of high class birds this year, from which I offer eggs for hatching same as I use for myself. Mating list cheerfully mailed for the asking.

Dr. C. J. Andruss, Canandaigua, New York

EVERGOLDS

now stand on the highest pinnacle of excellence, as proven by this year's winnings. The most notable being in the National Meet American Buff Wyandotte Club, practically all noted breeders from ocean to ocean competing. **BEST DISPLAY** in this Terrific Battle of the Giants, is the last word. Evergold Buff Wyandottes are best. Circular.

Feather Fine Farm : Gerald Williams : Wellington, Ohio



GREYSTONE WHITE ROCKS

win by a mile at Madison Square Garden, at five shows 1905-1910, won 12 out of 25 first (more than double nearest competitor), 3 out of 5 best displays, 3 out of 5 best cock, hen, cockerel, pullet and pen, 5 out of 8 champions (five times as many as any other exhibitor), 5 out of 8 shape specials. Eggs, \$5, \$10 and \$15 per 15.

Greystone Poultry Farm, F. H. Davey, Mgr., Yonkers, N. Y.



S. C. Reds

Two fine pens containing my winners mated for the egg trade. Pen 1 headed by fine Red Raven cockerel from Zimmer mated to select pullets, \$5.00 per 13. Pen 2 headed by cockerel in cut mated to choice pullets, \$3.00 per 15, \$5.00 per 30. Pen 3, \$3.50 per 50, \$6.00 per 100. Fair hatch guaranteed. Circular free.

H. T. Marshall, R. R. No. 53, Sheridan, Illinois



Brown's Exhibition Barred Rocks

Winners at the leading shows in Illinois, 1st and 2d cock; 1st and 4th hen, Downer's Grove, Ill., Jan. 13-15, 1910. 1st and 2d cock, 1st hen, Mendota, Ill., Jan. 25-29, 1910. 1st cock, 2d, 3d, 4th hen, 1st cockerel, 2d, 3d pullet, 1st pen, Dixon, Ill., Dec. 28-31, 1909. Am now booking orders for eggs from the finest matings ever put together at \$3.00 and \$5.00 per 15. Write for mating list and list of winnings.

EDWARD BROWN
R. R. 37 :: Mendota, Illinois

A. E. MARTZ, ARCADIA, IND., BUFF ORPINGTON SPECIALIST.

Mr. Martz, who makes a specialty of breeding high class Buff Orpingtons, is prettily located on the edge of the town of Arcadia, which is located on the Indiana Union Traction line and Lake Erie & Western railroad. His residence is a large dwelling, with plenty of shade trees around it, having a nicely kept lawn, which in summer sets the place off to good advantage. The place consists of six acres of well fenced land. Cleanliness prevails everywhere. The buildings are all well painted and everything is kept as neat as a pin. The buildings consist of five houses 14x20 feet, in which are two pens of birds, making ten pens of spe-

M. S. GARDNER.

It is with much regret that we announce the death of M. S. Gardner, who on February 8 was stricken with appendicitis and did not survive the operation which was performed on him that day.

Mr. Gardner has been prominent in



the poultry world for a number of years and during the past few years has been closely identified with the field and editorial work of Reliable Poultry Journal, in which capacity he has made a host of friends from the Atlantic to the Pacific who will be greatly shocked to learn of his sudden death.

cial mated birds. These houses are all well built, being double walled with building paper between. All yards are boarded up to prevent the males from fighting, and all houses have eave spouts to catch the water, which is conducted into a sewer system, therefore affording perfect drainage. All houses are provided with drop doors, which are closed every day. Trap nests are used throughout in the pens, every hen being provided nests, and only good layers are permitted to remain in the breeding pens, which pen is provided with a large grass range and has plenty of shade.

Mr. Martz has been a Buff Orpington breeder for the past seven years, and was elected president of the Buff Orpington Club at Kansas City this winter. This honor was well merited by

Mr. Martz, and as he devotes his exclusive time to his poultry business, he has time and is capable of filling the office.

Mr. Martz by many years of careful mating and breeding has built up a flock of Buff Orpingtons second to none, as is proven by the fact that he has been winning in the premium shows for many years past and his winnings at Indianapolis in 1909, which was the Buff Orpington Club meeting, a hot class of birds was therefore brought out, and he won more ribbons than all other competitors combined, winning five silver cups. At the Chicago show, December, 1909, he won first cockerel, second and third cock, fifth hen and first pen. Cash special for four best specialties, and four silver cups, winning more cash prizes than any other exhibitor. All of these prize winners are to be found in his several pens, which are mated to produce best results. He also has two large pens made up for incubator eggs. At the time we visited the birds were certainly shell ing out in goodly numbers, for in the incubator cellar we saw fully one thousand eggs, and Mr. Martz had just shipped four hundred eggs that morning. They had about 175 young chicks out, and four hundred eggs being incubated, so he expects to raise a fine bunch of youngsters which will be ready for the winners at the fall fairs and early winter shows. Quality and cleanliness are always to be found on Mr. Martz's breeding plant, which suggests a good fancier's plant.

Mr. and Mrs. Martz both devote their time to looking after the many details that make it so thoroughly a success. The eggs are gathered in baskets, and

are placed on the small end in boxes of bran, each being labeled with the pen from which they were gathered. The temperature is maintained close to 50 degrees by the use of the gas burner. Nothing is kept in this cellar but eggs, and it is perfectly clean and sweet.

The eggs are first packed in the regular shipping boxes, and then packed in boxes with excelsior around them. Safe arrival of all eggs is guaranteed. So, many satisfied customers and other people order eggs from Mr. Martz. He issues a 52-page catalogue, which contains valuable information on the Buff Orpingtons in general, also his system of trap nests and breeding. It contains some 28 illustrations of his prize winners, and several views of the plant. All breeders of Buff Orpingtons will find this very interesting and will do well to send to A. E. Martz, Box C, Arcadia, Ind., for it. His ads appear regularly in the A. P. J.

THREE CHEERS FOR THE WYANDOTTES.

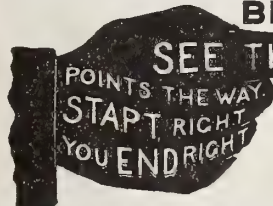
In the September number of the American Poultry Journal we read with interest and, may I add, indignation the article by Dr. H. F. Ballard on "Does

It Pay to Buy Eggs for Hatching?" Now, we have a great respect for the medical profession in general, but when it comes to their opinion on the different breed of chickens we believe they are courting a protest, for "opposition is the life of trade." Now, we are, in a modest way, building up a profitable little business with—dare I mention it?—the despised White Wyandotte hen. When we got down to the bitter denunciation of the Wyandotte hens righteous indignation arose, hence the taking up of our pen in defense.

We have had Wyandottes for several years, and better-natured chickens I do not ask to see. I have had many breeds in the past, not all pure-bloods, though, except the Cochins. (Tears are not far distant when we read what we have missed by not having them.) I have something good to say for them all. I have had various breeds of hens pick their chicks to death, but I never thought it was because they were of a certain kind. Let us always be a fair judge. One writer says he gives chicks to the hens with the most sense. His judgment, according to his own statement, fell far from the mark in two instances at least. Mrs. W. Elzie Scott.

Denver, Hancock County, Ill.

BREEDERS MAGIC EGG TESTER



shows the strongest hatching eggs BEFORE incubation. Think of the saving! Thoroughly advertised and tried last year. 12,000 now in use. **Uncomparable testimonials.** "Strongest germs in eggs testing 'xx'."—SEILER. How do your eggs test? Send for one and find out. Use the Tester now at our risk and for sixty days after the first hatch is off. If not desired, money refunded. A boy can test 10 per minute. Sent prepaid, complete, with newest methods of incubation, on receipt of \$2.00.

MAGIC EGG TESTER WORKS, Buffalo, N. Y. and Bridgeburg, Canada.

EGGS - EGGS - EGGS

Bickerdike's White Rocks Are Bred For Egg Production and Have Trap-Nest Records Up to 240 Per Year

Our breeding yards this season contain such birds as these: 1st Pen, Illinois State Fair, 1909; 1st Pen, Missouri State Show, at St. Louis, 1909; 1st Cockerel, Illinois State Fair, 1909; 1st Cock, Illinois State Fair, 1909; 1st Pullet, Illinois State Fair, 1909; 1st Cock, Illinois State Show, 1909; 1st Pullet, Illinois State Show, 1909; 1st Cock, Missouri State Show, 1908; 1st Hen, Missouri State Show, 1908; 1st Cockerel, Decatur, 1907; 1st Pullet, Illinois State Fair, 1907; 1st Hen, Effingham, 1907; 1st Cockerel, Effingham, 1907; 1st Pullet, Effingham, 1907; 1st Cockerel, Farina, 1907; 1st Pullet, Farina, 1908, and many others of like quality. We were never in so good position to supply good quality in eggs for hatching. Eight grand breeding yards containing all the above winners. Eggs from all yards as they run, only \$5.00 per 15. Place your order early. Order from this ad or ask for our spring circular. It's Free.

Choice breeding stock for sale. Remember, our White Rocks are pedigreed and a Written Pedigree goes with every bird. We can give the individual blood lines back of every egg.

J. A. Bickerdike : Box A : Millersville, Illinois



SPRATT'S CUP

Awarded at the great St. Louis Show, December, 1909, by Spratt's Patent (America) Ltd. for the best male bird hatched in 1909, reared, fed, or put into show condition on Spratt's Poultry Food. This Sterling Silver Cup was won by the cockerel heading our 1st pen at St. Louis; 5,250 birds in the show.

SUBSCRIPTION DEPARTMENT

Well, what are you going to do about it. The pen of birds you want can be had for a little of your spare time. Let us know what variety you desire.

You say you'd rather have an incubator or brooder at this season of the year. We'll give you one if you so desire for only a few minutes of your time each day during the month of March. Read our most generous offer on page 328-329 of this issue.

I'll tell you what else we do—we give you free a copy of our great book, "Origin and History of All Breeds of Poultry," which contains the colored illustrations of 198 birds, for just about one half-hour of your time tonight. A complete description of this grand book can be found on page 337.

You cannot afford to overlook this offer if you are interested in poultry and if you desire to add some new blood to your flock, increase your plant or enlarge your library.

Mr. J. H. Jackson, the prominent White Wyandotte breeder of Hudson, Mass., was successful last year in winning \$200 cash as his prize for obtaining subscriptions to American Poultry Journal. He wrote us the following letter upon receipt of his \$200 check:

American Poultry Journal Pub. Co.,
Chicago, Ill.

Gentlemen: Please accept my thanks for your promptness in sending me the check for \$200, my prize in your subscription contest. It was gratefully received and well worth working for.

I made up my mind to take this up after the contest started and feel that getting your journal into the hands of beginners is bound to make fanciers.

Wishing your journal continued success, I remain,
J. H. Jackson.

If well known breeders like Mr. Jackson find it worth their time and trouble, we feel that we are offering something worth looking into by every reader.

Mr. Jackson's birds have won prizes at the most prominent shows during the past 12 years and his ad, appearing on page 321 of this issue, will give you somewhat of an idea of what kind of a breeder he is. Those who were interested in the January contest and who were successful in winning fowls and incubators are: Arthur S. Johnson, Montclair, N. J.—he selected a \$20 Prairie State incubator; W. S. Dunbar, of St. Albans, Vt., a \$15 pen of fowls, and L. W. Ranker, of Tiffin, Ohio, who selected two Cycle Hatchers for his. Other satisfied agents express their gratification as follows:

Mt. Vernon, O., R. D. 6, Jan. 26, '10.
American Poultry Journal,

Dear Sirs: I received the trio of Single Comb White Orpingtons from C. S. Byers, Hazelrig, Ind., which was awarded me as ninth prize in your fall contest, and am very well pleased with them, and I thank the American Poul-

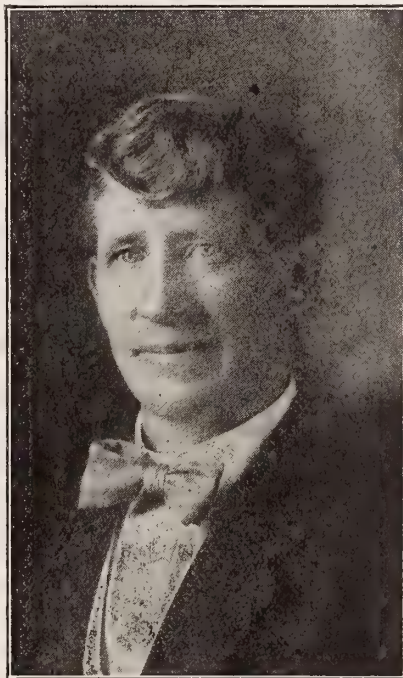
try Journal people for their fairness to me and thank Mr. Byers for his good selection and prompt shipment.

Yours truly,

A. E. Boyd.

Smithfield, O., Jan. 31, 1910.
American Poultry Journal,
Chicago, Ill.

Dear Sirs: I am pleased to acknowledge the receipt of the gold watch, being the 18th premium in your fall of 1909 prize contest. Thanking you for your courteous treatment and wishing



J. H. JACKSON

the American Poultry Journal a successful future, I am yours truly,
John Galbraith.

Collins, Wis., Jan. 26, 1910.
American Poultry Journal,
Chicago, Ill.

Gentlemen: Yours of the 15th came duly to hand. I was surprised to hear that I was awarded the 28th prize, which is a bone cutter, and I'm very much obliged.

I am well pleased to say that the American Poultry Journal Publishing Company has treated me fair and square in all cases, and I remain, yours very truly,
Louis Lemke.

Wadsworth, O., Jan. 14, 1910.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Gentlemen: I wish to thank you for the prize I won in your subscription contest for the fall of 1909, which is

a twenty-year gold watch. My friends tell me it was worth working for. All the subscribers I got are well pleased with the Journal, and I am satisfied with the watch.

My treatment was fair and cordial in the contest, and I will keep right on trying to get subscriptions for the best poultry Journal published.

Yours respectfully,

Oscar C. Nicodemus,
Wadsworth, Ohio.

Brookside, N. J., Jan. 24, '10.
American Poultry Journal,

Gentlemen: Kindly pardon my long delay in answering yours of the 15th. I am somewhat surprised to hear that I am the winner of the 22nd prize in your last contest, which is a bone cutter. I thank you very much for same and also for other premiums received at different times during the contest. I am a breeder of the S. C. Buff Orpingtons, and have had quite some experience with them, but I find the American Poultry Journal has enlightened me a great deal more about the breeding of chickens and is one of the best poultry papers I ever studied. All subscribers that I have received are well pleased and are breeders of poultry. I am somewhat sure they will patronize advertisers who advertise in the American Poultry Journal. I found it was no hardship to secure subscribers after they once saw the Journal.

And I would of gotten more subscribers if my occupation had of allowed me to do so. But I stand ready to do whatever I can for the American Poultry Journal in the future.

Very respectfully yours,

S. A. Haines,
Brookside, Norris Co., N. J.

HAVE YOU NOTICED?

You can get one year's subscription to American Poultry Journal, American Poultry Advocate, Poultry Item, and Commercial Poultry Journal, all four, for \$1. This is a \$2 value and you should take advantage of it at once.

Renewals will be entered from the date your present subscription expires. Send all subscriptions to American Poultry Journal Publishing Company, Chicago, Ill.

THREE FOR THREE QUARTERS.

That's what you get when you order our Big Three combination—American Poultry Journal, Western Poultry Journal, and Farm Poultry. A \$1.50 value for 75 cents—all three journals for one year. Send your renewal now to American Poultry Journal Publishing Company, 358 Dearborn street, Chicago, Ill.

We lead, others follow.

NOTES ON SPRINGFIELD, ILL. SHOW.

THE Sixteenth Annual Show of the Illinois State Poultry Association, held January 3-8, at Springfield, was a decided success in every way but that of attendance. It was held in the fine State Arsenal Building, one of the best lighted show rooms we have been in this winter. It was attractively cooped by the Empire Cooping Company. The admission was free, but either the weather or lack of interest kept the public away. There were 113 exhibits and about 1,000 birds. In many classes the competition was keen, and any ribbon well worth the winning. The judging was acceptably done by Messrs. Pierce, McCord, Kimmer and Fite.

At the annual meeting of the association, held Wednesday night, the following officers were elected for 1910:

President, George A. Heyl, Washington; vice president, W. H. Shaw, Canton; secretary, O. L. McCord, Danville; treasurer, J. A. Leland, Springfield; superintendent, A. L. Moore, Bloomington.

Executive committee: J. J. Klein, Macon; H. C. Wilhite, Greenfield; W. O. Chase, Hillsboro; T. S. McCoy, Golconda; John L. Waddell, Decatur.

Barred Rocks were a hot class, W. H. Shaw, Canton, winning first cockerel on a bird exceptionally good in type and color. Mr. Shaw is an old breeder and exhibitor with many wins to his credit, the week before having landed first cockerel, second and fifth cock and first and fifth display yard at the Canton show in a good class. Mr. Shaw breeds the cockerel line exclusively. His winnings speak for his quality.

White Rocks were a good strong class. W. E. Jones, Millersville, won

first and third cockerel, first and second pullet, and first pen with extra good quality. One of the best hens the writer has seen this winter won second for J. L. Rafferty, of Canton, who also had an unusually good pullet that failed of a place only through being a bit out of condition. The week before Mr. Rafferty won first pullet and first cockerel at Canton, and his birds suffered somewhat through over-showing. In good condition they would be hard to beat.

In Single Comb Buff Orpingtons, Chas. C. Miller, Atlanta, Ill., showed two remarkably good birds, winning first and second in a strong class. He also won third pullet and second pen and first display, showing consistently good quality in both sexes. In Black Orpingtons he showed some extra typical birds, winning on them first, second, third and fourth, and second cockerel. In blacks Mr. Miller won

POULTRYMEN MAKE BIG MONEY GROWING ASPARAGUS BY THE FRENCH METHOD OF INTENSIVE CULTIVATION

You can double the price and double the profit. Do not wait three years after you start your asparagus bed before cutting; cut it at the end of four or six weeks by our method.

FORCING ASPARAGUS HAS HAD A THOROUGH TRY-OUT IN THIS COUNTRY. The reliable and successful method had its beginning in France. A French merchant, upon retiring from business, removed to the outskirts of Paris, where he devoted his energies to vegetable growing, giving particular attention to Asparagus Culture. It is his successful method of forcing that is related in our book. Every one knows the big profits in asparagus. By this method you double the profits; you do not need a greenhouse or hotbed.

This book will be sent postpaid, with flexible cover, for \$1.00. The Library edition, \$1.25. Postoffice money order, bank check or registered letter.

Albert S. Dietzman, 682 Fourth Ave., Louisville, Kentucky

INTENSIVE CULTIVATION IS THE MOST PROFITABLE METHOD OF VEGETABLE GROWING. It produces the best crops and the earliest. Getting to market first with the earliest vegetables brings the advanced price. Our book is the only practical treatise in this country on the French method of intensive cultivation. Besides the story of asparagus forcing, the book gives all the principal methods that allow the working of the smallest amount of land, with the largest financial returns.



BUFF AND WHITE ORPINGTONS

THE OLDEST SPECIALTY BREEDERS IN THE UNITED STATES

OUR SHOW RECORD on Buffs at Madison Square Garden is unequalled—winning Silver Cup for best display, showing only 9 birds and having 7 points more than our nearest competitor. In same show also won handsome Silver Cup for Best Cockerel. Our winnings at Chicago, where we won more firsts than all competitors, cannot be equalled.

Can there be any question where you should order your stock and eggs?

OUR MATINGS in Buffs and Whites are the finest we ever owned and with our long line of show producers in the past convince us winning specimens will be produced. Send for free mating list. We are quoting special prices to close out some grand breeding cockerels at this time. \$10 to \$15 gets a grand bird. This is your opportunity. We breed for quality, health, vigor, and egg production. Write us your wants. Mention American Poultry Journal.

J. M. Williams & Co., Box B, No. Adams, Mich.

second and fourth hen at the big St. Louis Show, so readers may know that he has the quality.

In Single Comb White Leghorns, Robert D. Parmenter, Knoxville, Ill., practically made a clean sweep, and the class was a good one, too. He took first and second cock; first second and third cockerel; first, second and third hen; first, second and third pullet, and first pen. Such a winning with his previous show record stamps Mr. Parmenter as one of the leading breeders of this variety in the country. His first cockerel was far in advance of the usual winning birds seen at this winter's big shows, and undoubtedly will produce, with his sire to second him, blue ribbon quality for Mr. Parmenter egg customers. Allen J. Coe, of Springfield, won fourth cockerel and fourth hen on two good specimens.

H. Cregar, Forrest Park, Ill., won three firsts and two seconds on five Single Comb Buff Leghorns that would be hard to criticise in any particular. Their Golden Rod strain is rapidly obtaining a leading position.

In R. C. Brown Leghorns, W. O. Chase, Hillsboro, Ill., took everything in sight. His birds are always found among the winners. In S. C. Black Minorca, Mr. Chase won first cock, first and third hen; second and third cockerel; first and second pullet; first and second pen. In Rose Combs he won first pullet; second and fourth hen. Mr. Chase was a good winner at St. Louis, has consistent quality all through his flock, and we believe that he is producing some of the best Black Minorcas in the country today.

J. S. Bales, of Springfield, by winning second cockerel, second and third pullet; third hen and first pen in this strong class of R. C. Black Minorcas has made an enviable name for himself as a breeder of this variety. He won first yard display also. Mr. Bales was a St. Louis winner, taking fourth and fifth pullet in the strong class there, as well as first, second, third pullet, second cockerel, and first pen at the Illinois State Fair, 1909.

Charles H. Ring.

THE IMPRESSIONS I RECEIVED DURING A FEW HOURS' VISIT WITH ERNEST KELLER- STRASS.

I was on my way to Enid, Okla., and being late in Kansas City, having missed my train, I found I had some ten hours to wait, so I availed myself of this opportunity to go out and see the Kellerstrass Farm and the home of Peggy. I was cordially received by Mr. Kellerstrass and son and spent some very pleasant hours with them. I shall not attempt to write up the farm, but will tell you a few of the impressions which I received during my conversation with them.

First, I would like to say the farm is beautifully located on a hill, a grand view is to be had over the surrounding country for miles around. This view makes one feel good just to know that he is living, and we know that these beautiful surroundings would be conducive to that rest, contentment and happiness which we found here, this could not be bought with dollars and cents. This impression was made

stronger by the beautiful home and well kept surroundings, including the aviary of pheasants and an artificial lake. In our conversation with Mr. Kellerstrass and son we were at once impressed that the poultry business with them was a business and was handled along business lines, business methods and systems being employed which would be bound to prevent any leaks and make the same profitable and a success in every way.

In our many talks with people about Mr. Kellerstrass and Peggy, the hen that really laid the "Golden Eggs," the question often came up "could any one chicken possibly be worth \$10,000.00? Could such a bird be a profitable investment at such a price?" and other questions along these lines. During our visit we asked Mr. Kellerstrass a number of questions, and we can honestly say that there is no doubt in our mind but that Peggy has been a profitable investment to Mr. Kellerstrass even at the value of \$10,000.00.

A few of the facts as to why we came to this conclusion are these: We absolutely know that Mr. Kellerstrass actually returned \$5,800.00 last year to people who sent to him for eggs, and he was not in position to fill their orders, having actually sold more eggs even at the high price which he asked for them than he could supply. We absolutely know that he sold 1,024 eggs at \$2.00 each, or a total of \$2,048.00 for 1,024 eggs. Then, again, Mr. Kellerstrass is now nearly sold out of stock, especially on the class of birds which he can afford to sell for less than \$50.00 a trio, and he tells us that this year he raised three times as many birds as last year,

Owen Farms' Eggs For Hatching

from Buff Orpingtons

Black Orpingtons

White Orpingtons

White Wyandottes

Barred Ply. Rocks

White Ply. Rocks

Eggs for Hatching

This is the important matter before all of us from this time until the whole hatching season is over. Owen Farms has taken a departure this year and we feel that it should be explained fully, so that every one who runs may read and thoroughly understand what we are doing and why we are doing it.

In the first place, the writer has a large interest in the success of the poultry business in the United States, an uncommon desire to see it grow and prosper. Each one who writes Owen Farms, either for information, advice, price on stock or eggs, becomes to a certain extent an acquaintance of both Mr. Owen, the Proprietor, and Mr. Delano, the Manager, and we feel a personal interest in them. I have carefully gone over our business of the last few years and I have come to the following conclusion, that nineteen people out of twenty cannot afford to pay \$20 a sitting for the best eggs that Owen Farms can produce. Having \$20 pens, which we would allow the customers who could afford this price to entirely monopolize to the entire exclusion of the other nineteen

out of the twenty, seemed to us not to reflect and express that intimate, close interest which we have in each and every enthusiastic fancier.

No One Excluded From the Possibility of Growing the Best Birds of the Year

We therefore decided that we would list our pens just as we always have, describing the matings carefully and mating only our very best birds, limiting our mating considerably, and that we would have one uniform price, giving everybody a square deal and taking eggs from the pens in such a manner that every one who bought eggs of us should have the undoubted possibility and probability of raising some of the finest chicks of the year. To the man who could pay \$20 for a sitting this method does not work to his disadvantage as he might at first suppose. If, for instance, he was buying two sittings at \$20 a sitting he would pay us \$40 and get thirty eggs, according to our methods of last year. This year he may purchase of us for \$50 one hundred eggs and among that hundred eggs he would receive probably as many as thirty eggs from the matings that we have heretofore listed at \$20 per sitting. He gets, therefore, in addition to what he would have received last year great possibilities in the balance of the eggs, for I can assure each and every customer that we will not have a single mating that will not produce birds of remarkable quality.

We do not pose as philanthropists in this matter, but so long as the writer, Mr. Owen, lives and continues in the poultry business, the fair interest of our customers shall be our first consideration.

To state it clearly just what you can do with Owen Farms this year in eggs for hatching I would say that you may receive from any of our varieties:

Owen Farms

Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr.

Box A, Vineyard Haven, Mass.

but, on the other hand, he sold four times as much stock this year in October as last October, five times as much stock this November as last November. Then, again, Mr. Kellerstrass says he has had over 900 inquiries for eggs since August 20, 1909, and his average of mail per days is 250 to 350 letters. In view of these facts and the prominence which Peggy has created, particularly from an advertising standpoint, we were forced to come to the conclusion that Peggy was indeed a very valuable and profitable investment for Mr. Kellerstrass even at \$10,000.00.

Mr. Kellerstrass certainly has put brains into his business and has made the biggest success yet on record in fancy poultry. If some more of our breeders would do likewise there is plenty of business awaiting them. However, the poultry business requires careful attention in all of its details to make it a great success, but the most important of all is the fact that you must advertise. You must first have quality and the stock that justifies it, and then you must advertise, and advertise extensively, like Mr. Kellerstrass has been doing, if you wish to make the most possible profit out of the business; therefore, we would advise you to "take heed and do likewise." C. W. Zimmer.

AN EGG LAYING CONTEST IN OHIO.

F. J. Stamm, of the River Home Poultry Yard, Perrysburg, Ohio, corresponds with the Ohio Agricultural Experiment Station relative to starting an egg laying contest under the supervision of that station. We give below a copy

of the correspondence and suggest that our readers take up the proposition and correspond with Mr. Stamm and get the contest under way at an early date.

River Home Poultry Yards,
Perrysburg, Ohio, Jan. 6, 1910.
Ohio Agricultural Experiment Station,
Poultry Department,
Wooster, Ohio.

Gentlemen:—There is, as you know, a very great deal of discussion going on upon the subject of the relative egg production of the different breeds of chickens. All kinds of claims are made by breeders for their respective varieties or strains and some very extravagant statements are made upon this subject.

The principal difficulty with all of these statements is the fact that there is no official record of the number of eggs laid by any hen, or any number of hens, with the exception of some records in foreign countries, and perhaps a very few old records in this country. We do not refer, of course, to records made at state experimental stations, but are referring to statements made by individual breeders.

It seems to us that the matter is of such importance and has reached that stage that the poultry raisers are entitled to have some official and authentic record on the subject.

We believe that the best way to settle the matter is to have a laying contest conducted under the management of a state experimental station. This would prevent any claim being made that the contest was unfair and would settle this much mooted question in a way that could not be questioned.

We assume that the state has not

made an appropriation which would enable you to carry on such a contest at the expense of the state and therefore propose that you take charge of such a contest and that the breeders entering their birds pay the expense. We do not know what this expense would amount to, but so far as we are concerned we stand ready to contribute toward the expense at the rate of \$100 per pen.

We will enter a pen of our Light Brahmas and also a pen of our Barred Plymouth Rocks and pay \$200 toward the expense of the contest. The contest should be conducted under such rules as you would promulgate, and among these rules should be the following conditions:

1. The contest should last for one year.

2. The eggs should be counted and also weighed, and all publications of results should give both the number and weight of the eggs.

3. Automatic feeders and exercisers should be used for feeding all grain, if the contestant so requests. We will furnish free of charge the automatic feeders and exercisers for the contest. We have demonstrated that they increase the normal egg production from 15 to 20 per cent, and we should want them used in our pens, but this would be optional as to other contestants.

4. Results should be made public on the first of each month of the number and weight of eggs laid during the preceding month.

Of course you would promulgate any other rules that you should deem proper.

If this suggestion meets with your approval we will undertake to give this

Owen Farms' Eggs For Hatching

10 Eggs for.....\$ 7.50	14 Eggs for..... 10.50
11 Eggs for..... 8.25	15 Eggs for..... 11.25
12 Eggs for..... 9.00	50 Eggs for 60c each, or. 30.00
13 Eggs for..... 9.75	100 Eggs for 50c each, or. 50.00

Every egg will be marked with the number of the pen and the variety from which it is taken, and by comparing it carefully with our mating list you will see just what you are getting, and that we shall give the same satisfaction in results that we have heretofore we are positive, for already we are hatching from our eggs with great satisfaction as to fertility and hatch.

We guarantee three eggs out of four to be fertile, and where the number is an odd number and cannot be divided by four we shall give our customers the benefit of the extra egg.

We advise early booking of orders, for this allows shipment to be made at the time you wish them, and in some of our varieties particularly the number of the pens to be mated is somewhat limited and you are likely to be disappointed if you put off your orders too long.

We shall continue to pack them with the extreme care that we have used heretofore and can assure our customers that they can order eggs fearlessly from any point in this country or Canada, as our reports have been extremely favorable from eggs shipped to the extreme North and South and to the extreme West.

Express Charges on All Original Orders for Eggs for Hatching Prepaid to Points in the United States or Canada

This is not the first time that Owen Farms has proposed something which is an innovation. Among other things they were the first to introduce to the poultry world stock guaranteed to win at any show in America.

In adopting this very broad proposition for the benefit of their

customers they are acting with care and a knowledge of just what it means, both to themselves and to their customers, and they have no hesitation in doing it. As almost every one well knows, express rates can be made better if made at the point of shipment, and particularly when paid in advance. We know how much the express will cost us; you do not know how much the express will cost you. We believe that this step that we are taking is the greatest step that was ever taken in the poultry world for the protection and benefit of the customers of any one particular farm.

Mating List

Our mating list for 1910 is all ready and is yours for the asking. Our matings are as carefully described as in years gone by, and that you ought to receive one whether you purchase eggs of us or not I confidently believe. A postal card naming the variety you are interested in will bring it with the least possible delay. Do you not owe it to yourself to carefully read our mating list before you buy eggs this year?

Breeding Stock

We can now give you a wonderfully good lot of young birds that have come on and developed since our showing at New York and Boston. Just at this time we are in a splendid position to furnish our customers with really wonderful quality in males and mated trios and pens for breeding purposes. Our matings are made and we will sell any bird on our place not included in these matings. This year we are selling eggs for hatching only at one price, those from our best pens; which have been reduced in numbers. Consequently, we have more first-class birds to sell than ever before at this time of year. If you need a grand male bird to head your finest pen or if you wish to start in one of our varieties with a trio or pen mated for the best possible results and having the best blood lines in the world, write and ask us what we can do for you. We cannot tell you what we have unless we hear from you and know that you want to hear from us.

Owen Farms Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr. **Box A, Vineyard Haven, Mass.**

HENRY'S PART. WYANDOTTES

have been winners at Chicago, Minneapolis, St. Paul, and wherever shown. My record for the asking. Some stock for sale. Grandest matings ever for 1910. Eggs, \$3 and \$5 per 15. Correspondence promptly and cheerfully answered.

EARL HENRY, Box A, Albert Lea, Minnesota

Buff, Black and White Orpingtons and S. C. Rhode Island Reds

The verdict has been rendered—that our matings were correct. 92 prize winners in five 1909-10 shows. More National and State show winners in our pens than on any other farm in Michigan. This takes quality, size, type, color. Let us tell you more in our mating list. Send for it.

Valley Poultry Farm : Galesburg, Michigan

S. C. Buff and Black Orpingtons

Winners 1909-1910 at Boston, Providence, Worcester, Branford, Meriden, Middletown and Bridgeport; the leading shows of New England. I will sell eggs this season from pens composed of all prize-winners at \$5 and \$10 per 15, and guarantee you get what you order. Let me make you one of my satisfied customers. A few extra male birds at \$5 each. Some winners, reasonable.

Tyler Cruttenden - Norwich, Connecticut

S. C. WHITE LEGHORNS

Egg orders booked now from choice pens, mated to produce exhibition stock.

Lake View Poultry Farm H. B. Koch, Manager Pekin, Illinois

Single Comb White Leghorns and White Wyandottes---2000 Breeders

Eggs For Hatching Now Ready

from the finest stock I ever owned at \$5 per 100; \$50 per 1,000. No order too large. Baby chicks (Leghorns) \$10 per 100; (White Wyandottes) \$15 per 100. 20,000 hatched for spring delivery. Get your orders in early. Fourth edition of my book,

"Profits in Poultry Keeping Solved"

just off the press, 25,000 copies, now reduced from \$5 to \$1 per copy, containing all my latest secrets. My great feed at 11 cents per bushel will make any plant pay. Do you expect to raise 95 per cent of all chicks hatched this season? If not, get my book and learn how. Send today for free circulars and testimonials. Address

Edgar Briggs Box A Pleasant Valley, New York

Single Comb White and Brown Leghorns, S. C. R. I. Reds and Barred Plym. Rocks

This season we have mated up some grand breeding pens of each variety from which we will sell eggs at the low price of \$2. and \$5 per setting. No better anywhere. Choice breeding birds for sale at all times. We guarantee every sale satisfactory.

: Address :

Waterview Poultry Yards H. J. Dietz, Proprietor Hempstead, L. I., N. Y.
Al. Johns, Manager



A typical "Aristocrat." The type of this pullet has attracted world-wide attention.

Champion S. C. Red Pullet

At the New York State Meet of R. I. Red Club, Buffalo, 1910. The great international show. This pullet won 1st, both color and shape specials and the championship over all winners, both combs, declared to have practically perfect type and color. I won, in all, 10 prizes on 11 entries. At the Ohio State Meet, Youngstown, I won 17 prizes on 14 entries. State cup, two other cups and gold specials. At the National Meet of Red Club, Chicago, December, 1909, I won 4 prizes on 8 entries. Mating list describing new system free. Catalog with photos of birds, showing best type in the world, 4c stamps.

Ira M. Crowther, Box A, Willoughby, Ohio
HOME OF "ARISTOCRATS"

letter and your reply thereto proper publicity in the leading poultry journals, and have no doubt but that the principal breeders of the leading varieties throughout the country will be glad to enter birds and join in the expense.

No doubt if sufficient number would enter the expense per pen would not be excessive.

We would be very glad to hear from you as early as possible with any suggestions that you may have to make and also, if possible, an estimate as to the probable cost of such a contest.

Yours very truly,

RIVER HOME POULTRY YARDS,
By F. J. Stamm, Manager.

Ohio Agricultural Experiment Station,
Wooster, Ohio, Jan. 17, 1910.

Mr. F. J. Stamm,
Perrysburg, Ohio.

Dear Sir:—Your letter of January 6th has been received during my absence from the station. This station would gladly conduct an egg laying contest, providing sufficient number of Ohio poultrymen will enter contesting birds, so as to make the contest worth while and contribute sufficient funds to cover the cost of the test. With a large number of pens the cost would, of course, be much lower than if only a few pens were entered. It should, with ten or more pens, surely be no higher than the amount you offer to pay per pen.

I should be glad to have a description of the feeder you mention. It would probably be best not to insist upon its use in an egg laying contest—other poultrymen might have devices that they consider superior, and with a number of different feeding devices, the contest would not be an egg laying contest more than a test of feeding devices. The station should define a rational plan of feeding and management, and then treat all pens absolutely alike. Of course it might be that all would willingly use this device.

It would require some little time to perfect plans for this work and if Ohio poultrymen would care to have it done I should be glad to have sufficient time to have all preparations made before any birds are sent in.

Assuring you that we shall be glad to do all we can to further interest in poultry matters, and that we shall be glad to hear from you further concerning this interesting proposition, I am,

Yours truly,

B. E. Carmichael,
Chief in Animal Husbandry.

River Home Poultry Yards,
Perrysburg, O., Jan. 20, 1910.

B. E. Carmichael, Chief, Department
Animal Husbandry, Ohio Agricultural Experiment Station, Wooster, Ohio.

Dear Sir: We have your favor of the 17th inst.

We have no doubt but that all of the contestants will be only too glad to have Automatic feeders used in their pens. However, if any of them should object, we will not insist upon this as a condition. We only suggested it for the reason as stated in our former letter, that hens will lay from 15 to 20 per cent more eggs where the Automatic feeders are used and we are sure that all of the contestants would want their hens to lay as many eggs as possible.

We shall take the matter up at once

with other poultrymen and in the poultry publications and will ask them to write us or write you direct on the subject. We think, however, that the contest should not be confined to Ohio poultrymen, but should be a general contest in which any breeder in the United States might enter one or more pens in the contest. There should be a large number of pens entered, the more the better, because it would be more of a test and also would make the expense less to each contestant. We do not think there will be any difficulty in getting at least twenty pens entered, and there may be fifty if the breeders who are talking about their "200-egg strain" and their "laying strains" mean business and want to show that they can make good.

As above suggested, we will push the matter and if anything occurs to you in the meantime we would be glad to hear from you further.

The poultry industry is the most important industry in this country, and it is too bad that our state has not taken up the subject more vigorously than it has. We have been contemplating writing Governor Harmon and also to the members of the legislature asking them to see that a liberal appropriation is made to be devoted to the investigation and furtherance of this great industry. It is a subject in which every man, woman and child in the state is interested, either directly or indirectly, as a producer or a consumer.

In compliance with your request we are mailing you some literature in regard to the Automatic feeder.

Yours very truly,
River Home Poultry Yards,
By F. J. Stamm, Manager.

SECRETARY CAMPBELL'S VIEWS.

Editor's Note.—At the New York show we asked Secretary Campbell to write us his opinion of New York and some other views on the poultry conditions, and we are pleased to publish his letter as received.

Madison Square Garden. Quality, excellent and numbers equal to any previous exhibition; attendance, good—again places the garden show, for the twenty-first time, in the front rank of the world's greatest poultry exhibitions. It could not be otherwise, with the wonderful and efficient system in which all things are conducted; every detail is well nigh perfect, and the feeling of the visitors, the exhibitors and judges is that nothing but strictly business principles will be tolerated. Justice to all; special privilege to none.

Good-will, harmony and true sportsmanship is in the atmosphere everywhere. Nothing escapes the eagle-eye of Secretary Crawford. His gentle, yet firm, manner of doing things is appreciated.

The quality of birds in all classes this year has never been excelled, if equaled. The American Poultry Association was much in evidence; the president officiating as one of the judges; the principal exhibitors being members. The new emblem buttons were in great demand and about one hundred were sold by the secretary, Superintendent Crawford being the first to wear the button.

It was quite evident that the American Poultry Association is in the ascendancy and that it is accomplishing great good.

Progress, Purity and Protection is in

Harvester Strains

S. C. White Leghorns and Columbian Wyandottes

Always layers of large eggs. Twenty eggs from five hens in five days during Feb. 7-12. Always winners of blue. Three firsts, 1 second and 18 specials at A. P. A. show. Send for mating list. Satisfaction guaranteed. Eggs, \$3 and \$1.50, 15.

Address, H. A. D. Leggett, 21 Rowley St., Gouverneur, N. Y.

MODERN S. C. BLACK ORPINGTONS

The low down, deep-bodied kind, with heavy shank and broad back. At Indianapolis, February 7 to 11, we won specials for best male and second best female, any varieties of Orpingtons competing, and five silver cups in the open class. Good breeding cockerels at from \$3 to \$10. Book your order for eggs now. From grand matings at \$3 and \$5.

BLUE RIBBON POULTRY FARM - - - COLUMBUS, IND.

W. C. PIERCE

H. C. DIPPEL

White Wyandottes

We have mated our choice prize winning birds and can supply a limited number of eggs from pens, the equal of any, at \$10 and \$5 for 15. We offer, at reduced prices, 35 fine high-class breeding cockerels. Will sacrifice these birds to close out quickly. Don't miss this opportunity. Write today.

Dippel & Pierce, 114 North Delaware Street, Indianapolis, Indiana

GLEN EYER POULTRY YARDS

Barred Rocks are still leading, winning, at the big Rockford, Ill., show, January, 1910, three first regular prizes and two silver cup specials. If you are interested in prize-winning stock, rush a postal card to me for new egg circular. A few good breeding cockerels yet for sale.

O. L. KING, BOX 32, R. D. 9, ROCKFORD, ILLINOIS



S. C. W. ORPINGTONS

Kellerstrass strain. Bred from choicest matings.

Eggs for spring delivery, \$5 and \$8 per fifteen.

Maple Crest Poultry Farm, R. F. D. No. 1, Euclid, Ohio



Fairview White Rocks

made a grand show at Louisville, Ky., December, 1909, where they won in keen competition first, second and fourth cocks; first, third and fourth cockerels; first, third and fourth pullets; third and fourth hens and first pen. Silver Cup for best display White Rocks and six out of eight specials. Stock all sold. Send for 1910 mating list.

Guy Daily, Jeffersonville, Indiana

: : State Secretary White Plymouth Rock Club : :



Three Machines in One

AUTOMATIC FEEDER, WATERER AND CHICK PROTECTOR. A combination to feed, water and protect little chicks. Can be changed in one minute to feed and water grown poultry. Anybody can buy this combination. We sell one or more. Special price to agents in quantities.

Macomb Poultry Supply Co., Macomb, Illinois

Barred Plymouth Rocks

OLD DOMINION STRAIN

At the Great International Show, Buffalo, N. Y., January, 1910, I won four prizes on Barred Rock cockerels in hot competition. I also breed S. C. B. Leghorns of the highest quality.

Eggs from My Winners

at \$3 per setting; two settings \$5. Send for my mating list. It's free.

Chas. C. Wine : : : Route 1, Mt. Sidney, Virginia



the air and the grand old association is gaining in power and prestige.

It is to be hoped that this great show may be continued, if not in Madison Square garden another location equally as good, we believe, will be provided.

The judging in all classes was generally satisfactory. The Barred Plymouth class is usually the strongest, and here the greatest care and best judgment is required.

Judge Schwab was highly commended for his work in placing the awards.

S. T. Campbell.

THE GREAT ILLINOIS STATE SHOW.

The Sixteenth annual exhibition of the Illinois State Poultry Association, which was held in the State Arsenal building, Springfield, Ill., January 3 to 8, 1910, was one of the most successful shows in the history of the State association, it being the second comparison show since the organization. It may be that, in point of number, one or two previous exhibitions have had more birds, but for quality and beauty it was generally conceded by old-time exhibitors and judges the most artistically arranged and best conducted show they had ever attended. The uniform cooping of beautiful new Empire coops, with every row draped to the floor with bunting and each variety of fowls classified, added much to the appearance of the exhibition. Another new feature adopted by the State association was the yard displays, which extended around the entire room, yards consisting of one male and six females.

All of these features will be duplicated at the next exhibit, which will be held the first full week in January, 1911, and many others will be added, such as gold specials and silver cups. Prizes will be awarded to the most scientific mating in the different vari-

eties. A special effort will be made to secure meetings of all the Specialty Clubs and Poultry Institute will be held during the week of the show.

The following list of officers were elected at the annual meeting:

President, George A. Heyl, Washington, Ill.; vice-president, W. H. Shaw, Canton; secretary, O. L. McCord, Danville; treasurer, J. A. Leland, Springfield; superintendent, A. L. Moore, Bloomington.

Executive committee: J. J. Klein, Macon, Ill.; H. C. Wilhite, Greenfield; W. O. Chase, Hillsboro; T. S. McCoy, Springfield, and J. L. Waddell, Decatur.

The above men are all enthusiastic breeders and fanciers and have had wide experience in the conducting of poultry shows. The president, Mr. Heyl, has been a breeder of poultry and Shetland ponies for years and has exhibited at all of the prominent state fairs and exhibitions in the United States. All of the five members of the executive committee are prominent breeders and exhibitors at the leading poultry shows and fairs. The treasurer, J. A. Leland, is prominent among all stock and poultry fanciers in the West, being an exhibitor of sheep, hogs and poultry for many years, and has one of the finest stock farms in the West, and the association feels that its funds are in safe keeping. A. L. Moore, as superintendent, has been tried before and is an old hand at the business, and all poultry fanciers know that birds sent in his care will have the proper attention.

In fact, every effort will be put forth to make the 1911 Illinois State Poultry Show the one big show of the state.

EGGS FOR TESTING.

C. F. Townsend, president of the National Poultry Association, is conducting his second annual test of various

breeds, foods and appliances. These tests cover laying, fecundity, hatching, vitality and maturity; also food values, various appliances, cost and other valuable and interesting points.

The breeds under test this year include Rhode Island Reds, Buff Leghorns, Houdans, Plymouth Rocks and other standard varieties—all fine birds from noted breeders.

Full reports of these tests will be published in our succeeding issues as rapidly as data can be gathered, and complete reports will appear in the Association Year Books.

A few surplus eggs will be furnished at nominal cost to those who will agree to report results in full. This is done to make a test of various methods for packing and shipping eggs to different points. Send stamp for agreement and particulars to C. F. Townsend, Weedsport, N. Y.

MISSOURI STATE SHOW AT KANSAS CITY.

The Missouri State Poultry Show has been located at Kansas City and will be held in Convention Hall, November 28-December 3, 1910. Ernest Kellerstrass, the great White Orpington breeder, offered to furnish the hall to the State Poultry Board and decorate it as no showroom was ever before decorated. The show will be cooped with Empire coops, and you can begin now to get ready for one of the biggest and best shows ever held in the world. Kellerstrass says he wants the Missouri Poultry Board to eclipse any show ever held at any time.

HAVE YOU NOTICED

That great offer on page 328-329 of this issue?

Better look at it now. It will pay you.

Excelsior Strain Rose and Single Comb Reds

Eggs from our Chicago, Indianapolis, Detroit, Alaska-Yukon Exposition and Illinois State Fair winners. \$4.00 per 15. Send for free mating list.

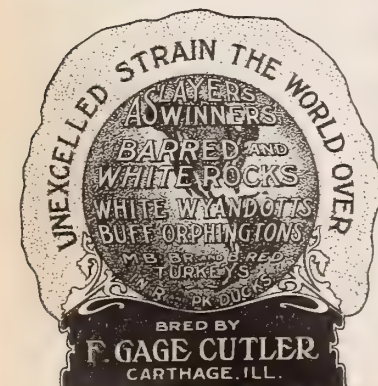
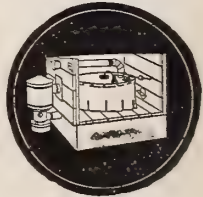
Excelsior Poultry Yards :: J. I. Blake & Co., Specialists :: Galesburg, Michigan



HOAK O. K. and GOOD LUCK INCUBATORS

HATCH WHERE OTHERS FAIL. Where quality and low prices count. Many features found only in the Hoak construction. Automatic in operation. Requires least fuel and attention. They have stood the test of years. Strictly high class and up to date. Our fireproof hovers for piano or store box construction eclipse all others. No hot lamp box, aerated fount, etc. Free catalogue. Square deal guaranteed.

H. E. Hoak Co. - - Ligonier, Indiana



SPECIAL

STOCK at one-quarter to one-half value to close out surplus quick. EGGS. We will book two orders in each county at almost half price, as we want to build up new trade.

"A pleased customer is the best advertisement." We have found this to be true and we do everything in our power to please.

We sell a \$1.50 bird for \$1.50, not \$5, like some I have gotten for \$5. We sell a \$3 or \$5 bird for that money and \$10 to \$25.

If not pleased when you deal with us, let us know and we will return money or do something else to please you, so you and your friends will buy of us year after year. Some nice white birds, scoring 94 to 96 points, for sale cheap. Barred Rocks and Buff Orpingtons, nice ones cheap. We have a great bred-to-lay-and-win strain. Individual records above 260 eggs per year. Pen records above 240. Our birds have won at all the leading shows. Catalogue free. Also one W. W. cockerel, score, 95½ at one-quarter value; 2 W. Rock cockerels, 94¼, one-quarter value.

F. Gage Cutler - R. F. D. 13 - Carthage, Ill.

The Lullaby Brooder

Patent applied for

Makes Chick-Raising Easy

Artificial brooding has never kept pace with the artificial hatching of poultry until the invention of the **LULLABY Brooder**.

Experienced poultrymen pronounce it the most practical brooder ever invented, excelling even the mother hen. It is so simple any novice can successfully operate it. It requires no artificial heat and thus does not affect insurance rates.

The hatching season comes at a time each year when the poultryman is busy from daylight to dark with other work and the chicks are allowed to run their legs off following the old mother hen around, or are housed in poorly ventilated, unsanitary brooders. Thus they frequently get chilled, are often hungry, and altogether get a poor start. Chicks of this kind do not make heavy winter layers.

The **LULLABY Brooder** has wonderfully simplified the rearing of chicks on the farm, the professional poultry plant, or on city lots.

It reduces the amount of attention required to a minimum — just a minute or two night and morning. So simple any novice can successfully operate it. Better than any other brooder, regardless of price.

It Costs Only \$1.50 Delivered

We have such unbounded faith in it, we will allow you to use it for one hatch, and if not satisfactory send it back and we will promptly refund your money.

The theory that range is necessary has been effectively exploded. With proper brooding facilities the chicks will be stronger and sturdier, will grow plumper and begin laying earlier if only limited runs are provided. As layers they will be happier and more prolific, and the eggs sweeter and more salable if no runs whatever are provided.

SPECIAL: Send us the name of your poultry supply dealer and we will send you our Poultry Almanac for 1910 free. It gives expert advice on every detail of poultry raising and should be in the hands of everyone who owns laying hens.



The PARK & POLLARD CO.,
 30 Canal St. and 139 Friend St., BOSTON, MASS.

"OHIO" SILAGE CUTTER Book Free

Send postal today. Know all facts and interesting figures on greatest ensilage cutters made. Or send 10c for "Modern Silage Methods." Address THE SILVER MFG. CO., SALEM, OHIO.

Ideal Aluminum

LEG BANDS for Poultry and Pigeons are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on. Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-75c. All supply dealers sell them. Sample band and my price list mailed for 2c stamp.

Frank Myers, Mfr., Box 40, Freeport, Ill.

I AM BOOKING ORDERS NOW FOR

HATCHING EGGS**White Plymouth Rocks**

\$3 to \$8 per setting of 15

R. C. Rhode Island Reds

\$3 to \$8 per setting of 15

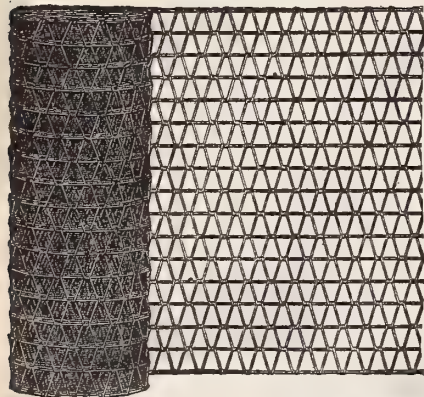
Bearded Golden Polish

\$15 per setting of 13

A. E. MUTH

Box 129, Route 15

WEST ALLIS - WIS.

**POULTRY FENCE**

33 CENTS A ROD For a 50-inch Poultry Fence. Two No. 12 High Carbon margin wires, ten No. 16 High Carbon line wires and No. 18 mesh wires. 2-inch mesh. Line wires 4 inches apart.

PRICE REDUCED from 37 cents a rod and is a big bargain at 33 cents. We make this fence 36 inches high at 27c, 45-inch, 30c, 54-inch, 36c, 59-inch, 39c, 63-inch, 42c, a rod. At these prices it is cheaper than the flimsy hex netting and will last for years. This is a very strong fence and posts may be set from 16 to 20 feet apart. Does not require baseboard or top-rail. Is easily stretched.

POULTRY GATE \$2.30

3 1/2 feet wide, 48 inches high, covered with heavy poultry fence. Price includes malleable latch and hinges. Others will ask you \$3.00 for a gate not as good.

FREE CATALOGUE. Get our large Free CATALOGUE, which prices 63 heights and styles of Poultry, Farm and Yard Fence. The bargains we are offering will please and surprise you.

KITSELMAN BROTHERS,
MUNCIE, INDIANA.

BOX 295

URBAN FARMS, BUFFALO, N. Y.**Black Langshans and White Plymouth Rocks.**

That all the good birds are not stored away in any one section of this great country is evident from a perusal of the poultry journals. Those of our readers who attended the late Buffalo show had the opportunity to see birds of the above varieties that were national winners and as choice specimens as were ever produced or shown. Mr. George Urban, Jr., determined to have the best, now has his pens headed by the following males in Black Langshans: First prize cock at New York, 1910; first prize cock Chicago, December, 1909, and first prize cock Buffalo, 1910. In White Rocks his two best pens are headed by Buffalo champion, first prize cock and gold medal winner for best bird in the show, Buffalo, 1910, and Genesee Chief, first prize cockerel and special for best Plymouth Rock at the Rochester show, 1910. The females are of the same high quality and the matings contain many prominent winners.

The poultry fraternity owes much to Mr. Urban. His interest in the fancy and the breeders are identical, which was clearly proven at the Buffalo show, when the breeders presented him with a handsome silver loving cup as a token of esteem. We wish all our readers could meet this man. You can at least get his mating list, which is furnished on application. Address Urban Farms, Pine Ridge, Station E 22, Buffalo, N. Y.

H. P. Schwab.

IS YOUR OLD WAGON GIVING OUT?

If your wagon is giving out it is altogether likely that the trouble it with the wheels. That is where wagon troubles usually begin. Tires wear out, felloes shrink, spokes work loose and the wheel goes to pieces generally while the running gears are still good.

That is the common experience with wagon users. If it is true in your case, what will you do—make scrap of the old wagon and buy a new one or undertake the job of having the wheels made over?

Let us suggest another very sensible thing to do? More than likely you have been reading in the advertisements of the Electric Wheel Company in this paper about making old wagons over by fitting the running gears with the low, broad-tired, steel wheels which that company makes. If your wheels are going, let us suggest that it is a very good time for you to put the matter to a test. There is no question but that you can have practically a new wagon at a very small cost. You will have the low handy wagon that is everywhere becoming so popular for farm work. But if you want high wheels you can have them in steel, too—anything from 20 to 60 inches. Don't scrap the old wagon. The Electric Wheel Company is at Quincy, Ill. Take the matter up with them by writing. At least, ask them to send you their free book, to tell you something about their steel wheels and handy wagons, and what a set of the wheels would cost. The wheels are guaranteed to fit any wagon.

The Newtown Producing Company, of Newtown, Pa., starts a large ad. with this issue. We are pleased to have with us a firm standing so high in the poultry world. Their plant, one of the finest equipped in the world, is devoted exclusively to S. C. White Leghorns. It comprises fifty-three acres a short ride from Philadelphia and Trenton, N. J. Mr. H. L. Watson, the general manager, is one of the substantial business men of that section and their immense business is being built by according all customers square and honest treatment. Their watchword is a heavy laying strain of exhibition White Leghorns. In this they have succeeded far above their expectations.

All the equipment of this plant is modern in every particular. A new laying house to hold 3,000 breeders has recently been built in a most substantial manner. The incubator cellar holds 10,200 eggs. Twelve thousand breeders have been sold during the past twelve months. They cater to the highest quality of exhibition stock and those willing to pay a fair price can get birds for any competition in the world. Their guarantee is "Money refunded if goods are not as represented or not satisfactory."

Twenty-four pens of their best birds have been mated up, from which eggs will be sold at a very reasonable price. Besides, 2,500 of their best yearling hens have been mated for egg producing flocks. These latter are the same breeding as their twenty-four exhibition pens. No matter what you want, eggs for hatching, baby chicks or breeders, the Newtown Producing Company can fit you out in an intelligent and satisfactory manner. Their baby chick trade is by no means the smallest part of their business.

If interested in high-class White Leghorns write them for a copy of their catalog. The representative of this paper had the pleasure of calling on this firm and can vouch for their high grade business system.

Profits from the poultry yard are dependent simply upon the health and growth of chicks from the day they are hatched to maturity.

Perfectly healthy chicks will grow speedily into broilers and roasters. Perfectly healthy pullets will lay early and often. The only problem, then, is one of insuring perfect health.

To do this the chicks and hens must be provided with those elements of a tonic nature which they were wont to find for themselves in their original wild state, and which they still, in a measure, secure with ample range.

Wilbur's Poultry Tonic has been the favorite for twenty-five years with poultry keepers, because it has proven in practice the claims of its manufacturers—that it is a scientific tonic, providing just what the fowls need without over-stimulating or "forcing" growth or abnormal egg-production, to the injury of the fowls.

The Wilbur Company makes a most liberal offer of free packages, in order to prove the value of their tonic, direct to every poultry keeper. Their introductory premium offers are remarkable, and of such a character as to enlarge the opportunity of the poultry keeper, they depending for their final profit on the continued use of their tonic. The poultryman who has once given the Wilbur Tonic a fair tryout, makes it a daily ration for his flocks in every stage of growth.

For the most liberal introductory offer you have ever had, write today for particulars to Wilbur Stock Food Company, 965 Huron street, Milwaukee, Wis.

Wm. H. Hoover, Polo, Ill., the well known breeder of Barred Plymouth Rocks, has just issued his new 1910 catalogue, which is chuck full of valuable information about this, the greatest American variety. Everyone interested should have a copy and we request our readers to write for one at once and get acquainted with Mr. Hoover, the breeder who knows how to produce Barred Rocks that are up to standard requirements.

If you are troubled with roup or canker in your flock you should try Cura, which prevents roup, canker, gapes, etc. Those who have tried it recommend it very highly. Write to the Cura Chemical Co., Dept. A, Akron, Ohio, for full information and mention American Poultry Journal.

White Faced Black Spanish and Single Comb White Orpingtons are the two varieties bred by the Portage Poultry Yards, Elmore, Ohio. If you are interested write them for full particulars and mention American Poultry Journal.

WHITE ROCKS

I breed exhibition quality and my birds win

J. H. TROBAUGH DELPHI, INDIANA

AT LAST

A sure cure for that dread scourge
White Diarrhoea

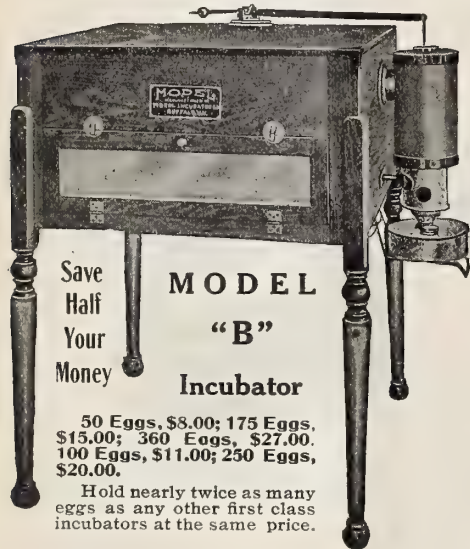
Coleman's
WHITE DIARRHOEA TABLETS

Will do the business. Sold on a money-back guarantee. Full sized box, 25c; 5 boxes \$1. A trial order will convince the most skeptical.

THE COLEMAN COMPANY
DESK 4 : LEXINGTON, OHIO

MIDDLE PRICE INCUBATORS AND BROODERS BEAT ALL

WORTH \$10.00 MORE COSTS \$10.00 LESS



With this our latest incubator we have been successful in PROVING TO POULTRY KEEPERS that the Model Incubators are Leaders in Big Hatches Leaders in Size of Machines for the Money; therefore Leaders in trying to save your good-hard earned Dollars. Our object has been to build an incubator that would hold more eggs; do as good hatching; and cost less than the general run of first class machines, and this is the result of our efforts, a little late in the season perhaps, but early enough if you get it right away. The best line of incubators on earth for the money.

SAVE AT BOTH ENDS

HOLDS MORE EGGS COSTS LESS MONEY

No matter which of these you order, you will be getting an incubator that holds more eggs than any other good incubator sold at the same price. "Good incubator" we said, and that's just what we mean and guarantee. You can fill these machines with eggs or put in a few, just as you please, but you surely need to hatch as many as you can at one time Now. It's getting late, and the big size incubators will pay you best. Save \$10.00 or more by getting our

1910 LATEST MODEL HATCHERS

175 Eggs, only \$15.00. 250 Eggs, only \$20.00

The Best Built Middle-price Incubator made today. Order yours as soon as you read this advertisement. There will be a rush for these.

We have not built these New and Complete Incubators to compete with the cheap trash sold by department stores, nor the prize-package baby trinkets that are fooling some of the people who don't know what they need. We are building incubators in an incubator factory for intelligent buyers and this, our latest, is intended to compete with the best, the highest price machines on the market. That's why these Middle Price Machines have double insulated walls; fronts made of chestnut; the rest of the case entirely covered with handsome enamelled sheet iron, light and durable. And these machines are shipped to you complete with everything ready for operation at the price named. No Extras. You get everything complete including Thermometer.

PRICE OF MODEL MIDDLE-PRICE INCUBATORS

50 EGGS, \$8.00. 100 EGGS, \$11.00. 175 EGGS, \$15.00. 250 EGGS, \$20.00. 360 EGGS, \$27.00.

All constructed equally good. All superior. All of our latest Middle-Price Quality. Our advice is, **ORDER NOW. For your own sake, get your chickens hatched NOW. Send this Coupon at once—DON'T DELAY**

Whether you order or not write to day for our Poultry Book and catalog. It is published for earnest people who are interested in poultry keeping and are looking for reliable information on the subject. It is FREE. It contains chapters on "Opportunities in the Poultry Business"; "Poultry Keeping and who should Engage in it"; "Location and Situation"; "Poultry Houses"; "Incubator Cellars"; "Brooder Houses"; Poultry Fixtures"; Kind of Breeds to Keep"; "Feeding Hatching and Brooding Chicks." All about Ducks, Diseases of Poultry; and illustrated descriptions of our World Renowned Incubators, Broode s and Poultry Supplies. Write for it now. **ASK YOUR DEALER FOR MODEL GOODS.**

M
Cup. 1
MODEL
Incubator Co.,
Buffalo, N. Y.

Enclosed find P. O. Money
Order for \$..... for.....
Egg Incubators shipped to ad-
dress below with your guarantee.
Please send catalog to

MODEL INCUBATOR COMPANY

BUFFALO, N. Y.

Name

Address

GET THE MODEL COMPANY'S NEW MIDDLE PRICE BROODERS

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

Don't overlook the ad of Rockandotte Farm, Southboro, Mass., in this issue. They breed the prize-winning kind in White Plymouth Rocks and White Wyandottes.

White Plymouth Rocks and White Wyandottes

Have selected fifty breeders from a flock of 500 that for color and type can hardly be equaled in the West. Have sold birds this Winter that are winning all over the country. At Akron show a noted judge said my first cockerel was the best White Rock he had seen in any of the large Western shows. Cockerels for sale. Write for prices on eggs.

J. M. MOORE JR. : : UNADILLA, NEW YORK

Barred Plymouth Rocks

First cockerel, fourth yard display, Springfield, Ill.; first cockerel, 2d and fourth cock, first and fourth yard display, Canton, Ill.; first cockerel and third cock, Galesburg, Illinois. Cockerel mating exclusively. Eggs and stock. Write for price list.

W. H. Shaw : : Canton, Illinois

ORPINGTONS

Of the Better Sort--Win at New York

On an Entry of Three Black Orpingtons We Won

1st Pullet, 4th Cock, 4th Hen, Silver Cup for Best Orpington Hatched in 1909.

Please note we do not import Show Birds—can't afford to. We are breeding along certain lines and getting there.

The First White Orpington Pen, probably the finest ever shown in Madison Square Garden, was hatched from our eggs. Does this prove to you that we have the birds and understand how to mate them for results? **Let Us Start You Right.** Eggs, \$3, \$5, \$7 and \$10 per 13.

MOUNTAIN VIEW FARM

Orpingtons of the Better Sort - R. F. D., So. Kent, Conn.

Three Firsts at Cincinnati, Ohio, in the Strongest Class of

White Rocks

ever caged at this big show. An additional proof of the quality of our strain. Our 1st prize cockerel was the sensation of the show, and was pronounced by Judge Pierce to be a rarely typical male. He will head our pen No. 1 for 1910 breeding season. We will book a limited number of settings from this pen. If you want birds that are naturally white, with long backs, well-spread and low-carried tails, send us your order for eggs. The fact that we also won first pullet and first hen shows that we have equal quality in both sexes. These birds are all in our 1910 pens, as well as the breeding stock that produced them. Our egg customers this season are bound to get top-notch quality. Send for free mating list.

City of Cedars Poultry Yards, Lebanon, O.

World's Best Orpingtons



White, Buff, Black, Rose or Single Comb

Over 1200 Prizes, Diplomas, Cups, Etc., such shows as Madison Square N. Y.; Jamestown Exposition, Philadelphia, Pa.; Allentown, Pa.; Washington, D. C.; Boston, Mass.; Easton, Pa.; Pennsylvania State Show; Dover, N. J.; etc., etc.

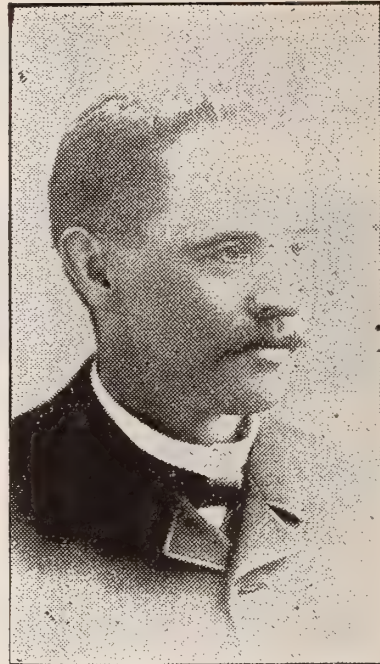
An Orpington Specialist Ten Years

Can start you right with **Chicks, Eggs or Stock.**
Write

J. S. HAUPT, FAIRVIEW FARM, Box 110, EASTON, PA.

D. O. BOOTY, CARTHAGE, ILL.

D. O. Booty, one of the most prominent members of the poultry raisers' fraternity in Illinois and Missouri during the past score of years, has lately accepted the position as manager of the extensive poultry farm of F. Gage Cutler, of Carthage, Ill. This strong combination of poultry



experts will now operate Mr. Cutler's farm. He has one of the best poultry farms in Illinois. Mr. Cutler started with the finest combined bred-to-lay-and-win strains of poultry in the United States, and has been breeding them as near perfection as possible for combined winning and laying qualities.

Mr. Cutler has had wonderful success in the breeding of Barred and White Plymouth Rocks, White Wyandottes, Buff Orpingtons, Bronze and Bourbon Red Turkeys, Pekin and Indian Runner Ducks and Toulouse



F. Gage Cutler, Carthage, Ill., one of the prominent poultry fanciers of the West.

Geese. In view of this fact he is disposing of all his other breeds at a sacrifice, and will continue the breeding of the above-named varieties, getting them as near perfection as is possible.

He will no doubt meet with still better success now, as Mr. Booty has had twenty

years of experience with fine poultry and takes charge of Mr. Cutler's yards, as the business has grown to such proportions that Mr. Cutler is unable to attend to both the business department and the breeding properties.

Any fancier desiring the best in stock or eggs from the varieties which Mr. Cutler raises could do no better than to send for his free catalogue. As he is closing out many of his breeds at a low figure, he has a number of fine birds to sell in nearly every variety of poultry raised.

In view of the fact that so many have secured eggs of every variety from him in the past, Mr. Cutler has made arrangements with his friends and neighbors to raise the breeds which he no longer keeps, and he can supply eggs from those yards.

CHANGE IN OWNERSHIP.

White Oak Poultry Farm, Lima, Ohio, which was established by Frank J. Banta, has been sold to Mr. R. H. Gamble, who is an experienced poultryman and comes to us very highly recommended. Mr. Banta had made a wonderful success with his White and Black Orpingtons, and had built up a good trade on them, but owing to the rapid growth of his large manufacturing business was compelled to sell his poultry plant, which is one of the most up-to-date in the state. Mr. Gamble informs us that in addition to S. C. White and Black Orpingtons he has a large number of White Leghorn baby chicks to sell. Our readers are requested to write him for full particulars and mention American Poultry Journal.

A CORRECTION.

In the report of the Chicago show credit was given another exhibitor of winning first and third pens in White Orpingtons, whereas Mr. Carl Byers, Hazelrigg, Ind., won first and third pen, and he reports that he has since purchased the second prize pen of White Orpingtons, and now has in his yards the pens which won first, second and third at the Chicago show.

W. W. Thomas, Anna, Ill., the strawberry plant man, has favored us with a copy of his folder, title of which is "Dollars in Asparagus." This folder will give our readers a great deal of information

on how to make money by raising asparagus. Send for a copy and mention American Poultry Journal.

One of the most artistic and best printed catalogs that has come to our desk this season is that put out by R. C. Caldwell,



Lyndon, O., the baby chicks of quality man. This catalog contains twenty-four pages and cover, printed on heavy enameled paper and profusely illustrated with beautiful half-tones. The cover is printed in three colors and the design thereon is a work of art. Better send for one today

and get acquainted with the man who is up-to-date in this business.

Feb. 21, 1910.

This certifies that I have sold my entire stock of White Orpingtons to W. E. Stanfield, Brookdale Farm, Hillsdale, Mich.

M. P. Pratt.

This places Brookdale Farm in front on White Orpingtons, as this stock, together with the quality already at Brookdale, makes a combination unequalled. The stock is all same breeding, line bred and trap nested for years, which means heavy egg production as well as quality.

W. J. Battles, Akron, Ohio, breeder of White Wyandottes, has a display ad. in this issue. He produces the kind that have size and shape and are absolutely white. He has supplied the winners at some of the large shows this season. Write him for particulars and mention American Poultry Journal.

Are you familiar with the Briggs system of making cheap feed for poultry? If not, you should get his book, "Profits in Poultry Keeping Solved." It tells you how to make feed for 10c a bushel. Write him for circular. A postal will bring it. Address Edgar Briggs, Pleasant Valley, N. Y.

Ira M. Crowther, Willoughby, Ohio, reports that his first prize Rhode Island Red pullet, which won first at the late Buffalo show, was also given shape and color special and the championship over all winners in both campaigns.

At the great International Show, Buffalo, N. Y., Chas. C. Wine, Mt. Sidney, Va., won four prizes on his Barred Rock cockerels. This shows the quality of his stock. He also breeds Single Comb Brown Leghorns of same quality. Write him and mention American Poultry Journal.

Fence users will be pleased with Kitselman Brothers prices—14¢ cents a rod up. See ad in this paper and write them today for free catalogue.

W. A. Kain & Son, Ashtabula, O., are breeders of White Wyandottes of the prize-winning kind. See their ad in this issue and write them for prices and particulars.

A MADISON SQUARE NEW YORK VICTORY

FOR

BRIGHT'S BROWN LEGHORNS BARRED PLYMOUTH ROCKS

At the last New York show our Barred Plymouth Rocks won more prizes and more points than those of any competitor, including the most sought-for prize in the whole realm of poultrydom.

Champion New York Barred Rock Male

and this for the third time in the last four years.

Bright's Brown Leghorns

have been the champions for more than a dozen years. They have made the big wins in big classes. Surely supreme at three world's fairs, at the last Madison Square New York shows, 1909-10. Three firsts!

The best lot of breeders in either line, both males and females of either variety, that we ever had for sale at just right prices.

EGGS from the best matings we ever had, from our N. Y. winners, \$10 to \$25 a setting; from birds closely related of nearly equal merit, \$5 a setting.

Grove Hill Poultry Yards : Box 410, Waltham, Mass.
William Ellery Bright, Proprietor : : A. C. Smith, Superintendent

Black Rose Comb Minorcas

1st pen headed by winner of 1st, Ont.; 1st, Boston; 1st, Buffalo; 3d, N. Y., and 2d, Ottawa, '09 and '10. Limited number eggs after March 15. B. J. Mountjoy, Dund. wold Poul. Yard, 132 Pleasant Ave., London, Ont., Can.

SINGLE COMB WHITE LEGHORNS

Pure Wyckoff Strain—The Great Layers. Winners at Illinois State Fair and Missouri State Show, St. Louis. Cockerels, Eggs, Free Mating List. Clarence J. Root, Springfield, Illinois

Lembke's R. C. Reds

By their winnings at Omaha, Des Moines, Grand Rapids, Mich., and the world's hottest Red show, Providence, R. I., have proven themselves to be the champions of the West, Middle West, and equal of any. We guarantee satisfaction. If you are looking for good length of body, dark red, brilliant color, sound undercolor, even in neck, we can supply you. Order your eggs now. Write for circular.

Pleasant View Poultry Yards
Anna M. Lembke, Mgr., R. 5, Box 9, Griswold, Ia.

You Can't Afford

To risk your chicks by using a poor lamp.

The Zero Safety Lamp



is the solution of the heat question. Cannot explode. Gives an intense heat and perfectly reliable. Get acquainted with the Zero. Price \$1 or by mail \$1.25. Atsatt's Chick Feeders and Sanitary Chick Fountains are the best for the little ones. Economical and handy. Will soon pay for themselves. Price of either feeder or fountain, 25c or by mail 35c. Our catalogue and special offer blank upon request.

ATSATT BROS.

27 Pearl Street Mattapoisett, Massachusetts

WHITE

Wyandottes

The big, blocky, stay white kind that win at New York, Boston and all the big shows. My customers win the blue ribbons at the largest shows. 50 strong, blocky, snow white cockerels and 500 females for sale. Eggs from the best pens that live.

A. C. HAWKINS
Lancaster : : Massachusetts

AD ON BACK COVER

FREE! FREE!

Mr. Breeder: We want you to try

Coleman's
EUREKA TONIC AND ROUP TABLETS

SEND ONLY

10c

and we will mail you postpaid a full sized box (65 tablets) of Coleman's Eureka Tonic and Roup Tablets, reg. price 25c. This offer holds good only until April 1. Only a box to a customer. This is the greatest poultry remedy ever placed upon the market; is guaranteed absolutely.

Dr. S. R. Harrison, Shelby, Ohio, writes: "Your tablets have saved birds for me that were more than half dead."

THE COLEMAN COMPANY
DESK 4 : : : LEXINGTON, OHIO

LOOK UP DUSTYNE AD IN THIS ISSUE.

If you are in the poultry business to stay you cannot afford to be without Dustyne. If you are raising little chicks you will need Dustyne. Used under the hovers and in brooders and colony houses Dustyne assures the growing chick of freedom from lice, mites and the attendant conditions of disease. Used on dropping boards and under hovers Dustyne promotes a fine sanitary condition. As a dust bath for the grown stock, the fowls free themselves of lice and their houses of mites. At any stage of the business, every month in the year, every week in the month, every day in the week and every one of the twenty-four hours of the day you need Dustyne.

F. S. SMITH.

Mr. F. S. Smith, Hamilton, Ohio, has been in the poultry business for over twenty years and, for the past ten years has devoted his entire time to the production of Single Comb Buff Leghorns. During the past he has exhibited only at his home show, but last year he raised over 4,000 birds and decided to make some of the big shows, which he did with great success. Mr. Smith claims to have the largest Single Comb Buff Leghorn farm in the



world. He has at this writing over 2,500 eggs in incubators and about 300 young chicks and expects to hatch at least 10,000 chicks this season.

Next season he expects to make all the large shows and be on the floor himself.

Mr. Smith is a life member of the A. P. A. and a life member of the Single Comb Buff Leghorn Club, and he comes to us very highly recommended. See his ad in this issue and write him for full particulars about his stock.

A MISSTATEMENT.

In our February issue the statement was made that Mr. F. D. Sutton, of Youngstown, Ohio, had made almost a clean sweep at Youngstown, O., defeating both Chicago and Cincinnati first prize cocks. Mr. M. F. Morris, owner of first prize Chicago cock, informs us that he did not exhibit at Youngstown.

A CORRECTION.

In our February issue appeared two half-tone illustrations of Simmons Bros. Golden Wyandottes, and the inscription stated that they were first prize winners at Chicago in 1909. Our artist made an error in this. It should have been Chicago 1908.

B. E. Darling, Natick, Mass., breeder of Light Brahmas and Single-Comb White Orpingtons, is in a position to help you improve your flock, for he breeds the kind that wins the blue at such shows as Boston, Providence and Brockton. He is prepared to furnish eggs from pens of A 1 quality. Write him for what you want. He will treat you right.

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Poultry-Poultry. See advertisement elsewhere in this issue.

1910 Boston Winner FOR SALE

S. C. Brown Leghorn cockerel, 2d prize and special for best shaped male. Even shade of bright red. Together with five Partridge pullets and three hens, including his dam. This is a breeding pen that should produce winners for any show. Free range raised and line bred since 1876. Price \$75. Another cockerel, full brother to above, \$10.

Rough Coated Collies

Puppies and older stock bred from the best of show dogs on both sides. Puppies \$15 up. Satisfaction guaranteed or your money back.

WALDO KENNARD

Drannek Kennels, So. Hingham, Massachusetts

WORLD'S GIANT TOMATO



This King of all Tomatoes is largest and most productive ever offered. Engraving was made from photo of plant grown by J. B. Gilbert. It grew 18 feet high and produced 5 bushels of fruit, very large, smooth, few seeds, solid all through, red in color, ripening very early and continuing all summer.

We want every person who uses seeds to see our Seed Book and test our seeds and we will give sample packet this Giant Tomato, also 3 other great novelties free for trial:

1 pkt. 16 Day Radish. Earliest Round Red Radish in the world.

1 pkt. Gigantic Cabbage. Largest heading kind known, from Europe.

1 pkt. Wonderful Lettuce. Earliest, largest, tender and crisp any time. Heads often 3 ft. around.

For only 6c. postage and packing we will mail these 4 sample pkts. and big 1910 Seed Book full of novelties. Seed Offers and a coupon, good for a 10c. selection from our Seed Book.

Fairview Seed Farms, Box 122, Syracuse, N. Y.

Here at Last
is the
Perfect
Incubator

No Moisture
No Guess-
work
No Worry



100 EGG INCUBATOR, \$7
100 CHICK OUT-DOOR BROODER, \$5
BOTH, FREIGHT PAID, \$10

The Advance—Took 20 years to perfect. Thousands now making money with \$10 outfit, raising for market—breeding—selling. Copper tanks, double walls, self-regulating lamp and thermometer complete.

Two Hatches Free
5-Yr. Guarantee

Its equal for the money does not exist. Order direct, or full description FREE for postal.

Advance Mfg. Co., Box B, Dayton, Ohio

COCHIN BANTAMS—WHITE, BUFF AND BLACK.

My little four-year-old son, George M. Hill, took so much interest in poultry, that in the spring of last year (1908) I purchased for him breeding pens of each of the above varieties of bantams. These were the best of their kinds that I could purchase; most of them coming from Canada, and a number of them being First and Second Prize winners at the great Guelph show of 1907, and the Toronto Exposition of 1908. These birds and some of their progeny were exhibited at the Jackson show (December, 1908), winning a Silver Cup for best display of Whites; a Silver Cup for best display in Buffs, and a Silver Cup for best display in Blacks.

They were also exhibited at the Detroit State Show, January, 1909, winning extremely well in the very hottest competition.

Will mate up two pens in each of the above varieties for the coming season, a circular describing matings to be ready for mailing about March 15th. If interested, a copy will be sent upon request.

The Whites in these pens are exceptionally good in size, shape and toe feathering. The Blacks are fine in size, color, shape and combs.

The Buffs are exceptionally good in color and toe feathering, in addition to being very small and of true Cochin shape.

My son will take care of these bantams and has a bank account already started from proceeds from sales of stock and eggs. I expect that for a few years I will have to take charge of his correspondence and some other details of his business, and have therefore appointed myself as his Manager and Private Secretary. I can bespeak fair and honest treatment from him and expect that some day he will be well and favorably known to a multitude of "chicken cranks."

Lyman H. Hill.

Jackson, Mich.

PANGALOW FARM, INDIANAPOLIS, IND., R. R. 12, BREEDERS OF WHITE WYANDOTTES.

This farm is located seven miles from the border of Indiana on the Ben Harrison Interurban Line. W. R. Patsell, superintendent, who has had a very practical experience, has been lately engaged to take charge, and he reports that he will have eight very fine pens of White Wyandottes, consisting of many prize winning specimens, and will spare a few eggs at reasonable prices. They have a large number of breeding birds yet for sale. Their breeding yards are all arranged on the clean-house plan, and their young stock when about six weeks old have the full range of the large wood lot. They are now running their incubators and intend to hatch a

large number of early chicks, and will be able to take care of early calls for exhibition stock at fall fairs and early winter shows. Their advertisements will be found regularly in the columns of the A. P. J.

"Among our new advertisers we wish to call your attention to that of Gratton & Grafton, East Liverpool, O., breeders of the 'Blacks and Whites'—R. C. Black Minorcas and S. C. White Leghorns. The gentlemen who form this partnership are the originators of the new chinaware trophy cup, which is bound to rapidly take the



place of the old silver cup, but their fowls are just as beautiful and good as the new cups, consequently it is no surprise to find them winning heavily in the 'blue.'

The above is part of a reading notice that appeared in our February issue. We recently received a letter from Mrs. G. G. Goppert, East Liverpool, O., informing us that we were in error when we stated that Gratton & Grafton were the originators of the new chinaware trophy cup and that this cup was originated by George A. Goppert. If we are in error we stand corrected.

In our February issue we made the statement that the first prize Barred Rock cock at St. Louis was bred and owned by Gus A. Lengfelder, Mt. Vernon, Ill. This was an error, as the bird was not bred by Mr. Lengfelder, but purchased by him at the St. Louis show. Also wish to state that Mr. Lengfelder did not state to us that he had bred this bird. Therefore the error was ours. We wish to state, however, that Mr. Lengfelder showed a very nice exhibit at St. Louis and the purchase of this bird will add greatly to the value of his flock.

The S. C. Rhode Island Reds bred in the Cherry Red Poultry Yards, D. E. MacGowan, Proprietor, 1129 College street, Memphis, Tenn., are bred from a long line of prize winners and showed their breeding by winning in four states in 1909. Mating list is now ready. Better send for one and learn how they produce up-to-date Rhode Island Reds in the South. He guarantees fair treatment, as his motto is: "Of a customer make a friend."

H. C. Franklin, Townshend, Vt., breeder of Rose Comb Brown Leghorns, has made a grand record with his birds the past season, and has just issued his 1910 mating list, which tells all about his winnings and his breeding pens for this season. If you want something good in this variety, you should communicate with him and mention American Poultry Journal.

Harmon Bradshaw, Lebanon, Ind., the well known breeder of S. C. White Leghorns, showed 13 of his birds at the late Indianapolis show and won 2d cock, 1st and 2d hen; 1st, 2d and 4th cockerel, 1st and 4th pullet and 1st pen. Every bird he entered won a prize. Send for his free mating list and mention American Poultry Journal.

Edgar G. Simpson, Naperville, Ill., the well known breeder of Barred Plymouth Rocks, has just issued his 1910 mating list, a copy of which will be sent on application. Send for one and mention American Poultry Journal.

Turley & Scobee, Mt. Sterling, Ky., breeders of S. C. White Leghorns, are now prepared to fill your orders for eggs. Write them before placing your order. They guarantee satisfaction and a fair deal.

The 1910 mating list of George L. Buell, Lorain, O., is now ready for mailing. If you are interested in S. C. Rhode Island Reds send for one, and mention American Poultry Journal.

If you want to raise prize winning Barred Plymouth Rocks write George H. Bie, Racine, Wis., for his mating list. He has the kind that win and produce winners.

Single Comb Rhode Island REDS

SHAPED, COLORED, MARKED and PRICED RIGHT

Healthy, free range stock. Eggs from choice matings. Satisfaction goes with every sale. We are at your service; write us. : : : :

Hopedale Farm Poul. Yards, R. M. Stafford, Prop., Chardon, Ohio

ORPINGTONS

SINGLE COMB BLACK AND WHITE

Baby Chicks: Orpingtons and White Leghorns hatched from my best

White Oak Poultry Farm - R. H. Gamble, Successor to F. J. Banta - Lima, Ohio

Single and Rose Comb Reds

WINNERS AT YOUNGSTOWN AND CLEVELAND. At the late Cleveland show, on Rose and Single Combs, I won 6 firsts, 4 thirds, 2 fourths, 2 fifths, A. P. A. silver medal for best chl. in Asiatic, Am., Med. and Eng. classes. From my best pen, containing my choicest prize winners, eggs are \$10 and \$15 per setting; other good pens, \$3 and \$5. Stock yet for sale. **White Orpingtons:** At Cleveland I won 1 chl., 3 pen. Eggs from these winners, \$10 and \$15. Order now.

W. Etzensperger

Willoughby, Ohio

SPRUCE ROW BARRED ROCKS

The Champions of Canada.....

make a record at the great Buffalo International Show, 1910, by winning 3d cock, 2d hen, 1st cockerel-3d and 5th pullets, 2d pen, championship special for best male in class, best colored male, 2 silver cups, etc. Won at Guelph, Dec., 1909, 2d and 5th cocks, 2d, 3d, 6th and 10th hens, 1st, 2d, 4th and 9th cockerels, 2d, 5th, 7th and 8th pullets, the Dawson special and 18 other special prizes. Your wants have my special care. Mention American Poultry Journal when writing.

I. K. MILLARD, DUNDAS, ONT., CAN.

**EVERGOLD BUFF WYANDOTTES
WIN AT CLEVELAND.**

My winnings at Cleveland were 1st hen, 1st pullet, 2d cockerel, 4th pen, best display, the H. V. Franks silver trophy cup, the Cleveland Fanciers' Club (challenge), silver trophy cup offered by American Buff Wyandotte Club for best cock, hen, cockerel, pullet and pen; the Cleveland Fanciers' Club cup offered to the members of American Buff Wyandotte Club winning the greatest number of points; cash and ribbon special for best female on my 1st hen that was beyond all doubt the best Buff Wyandotte in this the hottest and largest show of Buff Wyandottes ever held (179 birds); twenty Evergolds shown by me here and at the same time fifteen Evergolds shown by me in the Toledo, O., show, which was the Ohio state meet (sixty birds), winning 1st cock, 1st and 2d cockerel, 3d pen, special for best male and A. P. A. medal for best cockerel in American, Asiatic, English and Mediterranean classes. All these thirty-five birds were raised by me except my unplaced Cleveland cock, "Capt. Jack," who won 1st cockerel at Chicago last year, purchased and bred by me the past season. Was elected to National Executive Board, American Buff Wyandotte Club at Cleveland and at Toledo, O., state vice-president; just joined A. P. A. and Cleveland Fanciers' Club. Winnings at Marion, O., November 27-December 1, 1909, 1,234 pullet, 123 cockerel, 134 hen, 1 pen, 8 specials. These winnings should convince you of the high quality of Evergold Buff Wyandottes as we breed them at Feather Fine Farm, Wellington, O., R. R. 3, Gerold Williams, proprietor. Send for circular. My ad appears elsewhere in American Poultry Journal.

**LONGFIELD POULTRY FARM, BOX
321, BLUFFTON, IND., BREED-
ERS OF SINGLE COMB
RHODE ISLAND REDS.**

At the Fort Wayne show the Reds exhibited by the Longfield Poultry Farm were the most important ones in this class. In Single Comb they won first and second cock, second, third and fourth hen and second and third cockerel, first, second, third and fourth pullet, and first pen. In

Rose Combs they won first cockerel, first, second, third and fourth pullet and first pen. They also won special for best display in the American class, and \$25 silver cup for the best display in breeding on variety. The Longfield Poultry Farm are breeders of Rhode Island Reds, and have been among the winners for many years.

First prize S. C. W. Leghorn cockerel, Buffalo, 1907, also winner of shape special at Boston, Mass. Bred and owned by G. L. Wheeler & Son, Penn Yan, N. Y. We be-



lieve this to be one of the best type Leghorns ever produced. Now in his fourth year, he is still a model in form. This line of stock has been carefully bred for sixteen years and have played an important part at several of our greatest shows, including Boston, Buffalo, Baltimore, Rochester, etc., for several years. This line has excellent size, with type, and are pure white. We will tell more of this strain in our next issue. All interested should have their mating list.—H. P. Schwab.

J. H. JACKSON.

J. H. Jackson, Hudson, Mass., breeder of the world's foremost White Wyandottes and first prize winner in our fall subscription contest, has had to hustle to get to the front as a breeder of White Wyandottes. He started in a small way and carried only small display ads, but by persistent effort he has been able to secure customers all over the United States and Canada as well as in many foreign countries. His continuous advertising is what he claims has been the foundation on which he has built his business, and is willing to acknowledge that he could not do business unless he advertised. Mr. Jackson doesn't claim to raise thousands of birds each year, but what he does raise are good, which is proven by the fact that he produces birds good enough to win at Madison Square and other big shows. Mr. Jackson has a host of friends among the fanciers in the East, and no matter whether he wins or loses at a show he is always the same. He is considered a good entertainer and at the last two banquets given by the Boston Poultry Association he has been engaged to entertain the guests with monologue and singing, and in his home town his services in this line are in constant demand.

He has a faculty of making friends and keeping them always, which, in our opinion, is another reason for his success in the poultry business.

This season he has mated up an exceptionally fine lot of breeders and is prepared to do the largest egg business since he started in to breed fancy poultry. See his large ad in the front part of this issue, then write him and get acquainted with the man who knows how to produce White Wyandottes just a little better this year than they were the year before.

SUNSWICK MATING LIST.

The 1910 mating list of the Sunswick Poultry Farm, South Plainfield, N. J., is ready for mailing and if you have not sent for one, better do so now. It gives a full description of their several pens of S. C. Buff, Black and White Orpingtons.

The annual mating list of the Rockandotte Farm, Southboro, Mass., is now ready. Better send for one if you want something extra good in White Wyandottes or White Plymouth Rocks.

REDS

We offer you high class exhibition quality in S. C. Reds and mate our prize winners for best results, backed up by seven years of successful breeding. Eggs from our extra choice matings, \$8 per 15; \$15 per 30; regular matings, \$5. Some fine breeding males yet for sale. Special sale of trios for \$15 and pens at \$20. Write us today.

Odenheimer & Odenheimer : : Lumberton, New Jersey

Andalusians

I have bred Andalusians nine years and in competition at the leading shows have won more firsts than all competitors. At the late Ohio State Show I won 1st cock, 1st and 2d hens, 1st cockerel, 2d and 3d pullet, 1st pen, on six single and one pen entries. Also won silver cup for best pen in Mediterranean class and silver cup for best male bird in Mediterranean, Asiatic and French classes.

R. C. Bantams

I breed both White and Black Rose Comb Bantams and deem it sufficient to call your attention to my winning all firsts at both Chicago and Toledo the same week on Blacks. In Whites I have the same quality. Stock and eggs.

Swiss Chard

Swiss Chard belongs to the beet family, the tops making a wonderful growth and can be cut repeatedly. Poultry is very fond of it. One ounce of seed will drill a 100-foot row and make green food for at least 100 hens. Price of seed, 10c per oz. Order direct from this ad.

L. C. TAYLOR

GIBSONBURG, OHIO

Buff and Black Orpingtons

The finest in America. Won at Huntington, Kendallville and Fort Wayne, Ind., against hot competition, 11 firsts, 10 seconds, 5 thirds, 2 fourths, 1 fifth and 2 silver trophy cups for best displays; my birds all scoring from 91 to 95. Some fine birds for sale. Orders for settings now being booked; \$3, \$5 and \$10 per setting of 15 eggs. If you want size, shape, color, eggs and vitality, get the Phelps Strain. Mention American Poultry Journal.

Charles A. Phelps : : Fort Wayne, Indiana

DAY-OLD CHICKS OF QUALITY

Shipments guaranteed to reach destination safely. Book orders now. Twelve leading varieties of the best strains in America:

S. C. Rhode Island Reds
R. C. Rhode Island Reds
White Wyandottes
S. C. Black Minorcas

S. C. Buff Orpingtons
S. C. Black Orpingtons
S. C. White Orpingtons
White Plymouth Rocks

Buff Plymouth Rocks
Barred Plymouth Rocks
S. C. White Leghorns
S. C. Brown Leghorns

Send today for free chicklet catalogue


Goshen Poultry Yards : Chick Dept. : Goshen, Indiana

J. A. Bickerdike, Millersville, Ill., has just issued a very neat 8-page circular on his pedigreed White Plymouth Rocks, which is free for the asking. Send for one and learn his price for stock and eggs.

RIPPLEY MFG. CO.
Box 27 Grafton, Ill., U. S. A.
Mfg. Breeders' and Farm Supplies.

**Twin Auto-
Seat, Auto-
Top and Full
Brass Mounted**

I am interested in.....



Reputation

Over sixty-five years' reputation is back of every yard of **Simpson-Eddystone Silver-Grey Prints**

These exceptional calicoes are widely used for cotton dresses because of their fast color, pretty designs and enduring quality of cloth.

If your dealer hasn't Simpson-Eddystone Prints write us his name. We'll help him supply you.

The Eddystone Mfg. Co., Phila., Pa.
Established by Wm. Simpson, Sr.

GEO. M. BENHAM, CANANDAIGUA, N. Y.

Breeder of Barred Plymouth Rocks—A Fancier for Years and Well-Known Winner at Buffalo, Rochester, Etc.

For a great many years Mr. Benham has devoted most of his time to the breeding of Barred Plymouth Rocks, and it is a pleasure to note that his efforts have met with uniform success throughout.

For several years we have seen this line at the shows, and well know their worth. For two years we found them among the best of winners at the Buffalo shows. Another of Mr. Benham's favorite traits has been to exhibit at Rochester and cop a good allowance of the awards there. Other prominent shows have also been made with success, that have placed this line in the very front ranks and have won for Mr. Benham a name as a very careful and successful breeder.

A year ago we enjoyed a visit to his home for a day, the time being pleasantly passed seeing his good chickens and enjoying a breeding talk, which is always of interest to Barred Plymouth Rock breeders. It was in this that we found Mr. Benham's real worth. We have seen his progress, and were greatly pleased with all seen here.

This year it was Mr. Benham's idea not to show, but when the Canandaigua association was organized he was one of the first to respond, and there was nothing to do but to make an exhibit. His winnings here in a class of 101 birds are: 1st and 3d cock; 1st, 2d and 3d hen; 2d and 4th cockerel; 1st and 3d pullet, and 1st, 2d and 3d pens. He was also awarded the cup for best display at the show, besides other specials. See advertisement in this issue.—H. P. Schwab.

A NEW FIRM.

C. W. Zimmer, who has been a prominent breeder of Single Comb R. I. Reds for a number of years past, has entered into a partnership with J. G. Budde, of Oak Park, Ill. Mr. Zimmer has been carefully breeding up his Red Raven strain of R. I. Reds for a number of years past and has several hundred prizes which he won on his birds when he was exhibiting in the show room, and for several years he has been supplying breeders with high class exhibition quality.

The Red Raven strain is well and favorably known throughout the country, and we wish to inform the public that the firm of J. G. Budde & Co., as the new firm will be called, will continue to mate the birds from year to year. They expect to raise at least 2,000 head of young stock which will be for sale next fall and winter.

A limited number of eggs only will be sold from their best matings at \$15 per 15, as they prefer to raise all the birds possible this year, in order to stock their several large farms which will be devoted to producing nothing but Red Raven Reds.

It is the intention of J. G. Budde & Co. to become one of the largest producers of R. I. Reds in the country, and full details of their plans for doing this will be furnished the public later on.

Their ad will appear regularly in the columns of American Poultry Journal and their address is Oak Park, Ill.

F. D. Sutton, Youngstown, Ohio, who has been making a specialty of White Wyandottes and White Orpingtons, who wins his share of the prizes wherever his birds are shown, attended the Cleveland show and purchased a fine White Orpington cockerel, which had won third place. Mr. Sutton is a thorough fancier and is engaging in the poultry business extensively, and if you are in need of stock or eggs in either of these varieties you will do well to correspond with him.

J. W. Simmons and B. W. Chittendon, of the firm of Simmons & Chittendon, Geneva, Ohio, attended the Cleveland show and report that they will have six fine pens of Single Comb Reds containing their Youngstown and other winners, mated for best results, from which they are offering eggs at reasonable prices. Their ad will be found elsewhere in the columns of American Poultry Journal.

One Gallon of Oil For a Hatch



One filling of the lamp; no heat waste; no danger with the

X-RAY INCUBATOR

Thermometer always in sight. Eggs need not be removed during entire hatch. Other incubators require frequent filling and consume three times as much oil as the X-Ray. We absolutely guarantee to hatch 100 chicks with one gallon of oil. The X-Ray controls the flame—burns high or low; generates just enough heat to maintain hatching temperature. Absolutely no waste. Others always use a strong flame and allow the surplus heat to escape.

The X-Ray Heats to Hatching Temperature in 15 Minutes

Others require 6 or 7 hours. Ventilation complete. Simply raise the lid—all hatching fumes rise instantly. The only really different incubator. Enamel-steel-covered; rosewood finish. Glass doors on top; lamp in center; flame control. Write now for free book and know the greatest of all incubators. Address

X-RAY INCUBATOR CO., 1st St., Wayne, Neb.



RHODE ISLAND REDS

The "mortgage-lifting" poultry—now have a book worthy of the breed. This work tells where the Reds came from, gives the standard in full, and contains a wealth of practical facts. It shows the superiority of the Reds as business hens, for fanciers and as the best breed for farmers. Housing, feeding, attention when sick, etc., are discussed in a way that will help every poultryman.

At Last—Real Color Pictures!

In this book for the first time chickens have been pictured true to life. Every picture is from a photograph—a typical bird of each sex by the wonderful new French color photography. No oil painting can surpass these color pictures in beauty, and they are absolutely true to life. Such pictures in colors have been the dream of poultrymen for decades—in my book that dream has come true at last. Each of these color engravings cost over \$100 before a single perfect picture was secured.

HOW TO GET THIS BOOK, FREE. Send me ten 2-cent stamps to help bear the cost of the book—it would sell in the regular way for at least fifty cents, so you'll get a bargain. Each copy contains rebate 20 cents on your first order of me of eggs. When you become a customer, the book has cost you nothing—and until then 20 cents is a trifle compared with its value. Send now—edition is limited; no more can be made within a year! Don't miss it; order today.

WALTER SHERMAN

Citizen's Farm NEWPORT, R.I.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls—Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."

O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago



More Eggs in the next thirty days

Feed your hens green bone, cut with a Stearns Bone Cutter. We will lend you one to try, free, for the next 30 days. If your hens don't lay lots more eggs, don't pay for it. Write to-day for catalog and booklet, "How to make poultry pay."

E. C. Stearns & Co., Box 5, Syracuse, N.Y.

They die outdoors!



No mixing
No Spreading
No Muzz, No Trouble
Just crumble up a

Rat Bis-Kit

about the house. Rats will seek it, eat it, die outdoors. Easiest, quickest, cleanest way. Use all druggists, or direct prepaid.

THE RAT BIS-KIT COMPANY
18 Limestone St.
Springfield, Ohio

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

Pratts Roup Cure



is worth its weight in gold to poultry raisers. It does more than cure. It prevents. A 25c package makes 5 gallons of medicine. Given in the drinking water it will keep your flock free from Roup. Back it up with

Pratts Poultry Regulator

keeps your fowls healthy and makes them lay regularly.

Ask your dealer for Pratts—if he hasn't them we'll send prepaid on receipt of price. Write for Pratts' Poultry Wrinkles—it's a book you need. Sent free, of course.

PRATT FOOD COMPANY
Department P Philadelphia



Whitewashing Made Easy

You don't have to put in a whole sloppy half-day whitewashing your chicken-house and fences; you can do it easier, cleaner, better and quicker with a

DEMING SPRAY PUMP

This method has put the old way out of business because the wash is forced in—not simply "laid on." It goes into the cracks and strikes the lice and mites. Use the same Pump for spraying your orchard and garden. We make Hand and Power Pumps for all uses. Sold by leading dealers almost everywhere. Ask yours for prices and information. Catalogue free.

THE DEMING COMPANY, 737 Depot St., Salem, O.

WILLIAMS' EXTRACTOR.

This well known poultry remedy is sold by the Williams company, 28 Delaware avenue, Albany, N. Y. For some years back, and, in fact, each year, we have seen at all the leading shows that we have made, including the New York, Boston, Philadelphia, Chicago, Rochester, Detroit, Buffalo and other shows, Mr. Williams, representing his company and selling his popular extractor.

Mr. Williams gave us some information regarding the popularity his remedy has attained, and, great as this is, we were not at all surprised, for we are just one of the thousands that have found his extractor valuable to have around at all times. We have seen testimonials from a great number of our best known breeders and know it to be generally used by them.

Williams' Extractor is sold in 50-cent and \$1 sizes by most of the poultry supply houses, or is mailed on receipt of price by Williams & Co., 28 Delaware avenue, Albany, N. Y.—H. P. Schwab.

George H. Bie, Racine, Wis., the well known Barred Plymouth Rock breeder, has been making a wonderful show record with his birds this season, his latest winning being at Waukesha, Wis., where he entered six birds and won 1st cockerel; 1st, 2d, 4th pullets; 3d hen, and 1st pen. He has bred this strain in line for the past thirteen years and has produced some wonderful specimens. He absolutely guarantees everything to be as represented, or money back. What more can the buyer ask? He still has a few of those choice pullet-bred cockerels to spare. Write him for prices and particulars, and mention American Poultry Journal.

G. B. Smith, North Baltimore, Ohio, breeder of S. C. White and Black Minorcas, reports winning at the Bowling Green fair, where 3,000 birds were shown, six firsts and four seconds on fourteen entries. At Findlay, Ohio, January 10, he won in Whites first and second cockerel, first cock, first and second hen, first and second pullet, first pen. At the late Toledo show he won first and second hen, first pen in Blacks, and in Whites first and second cockerel, first, second and third pullet and first pen. He has some fine birds in Whites for sale and eggs in both varieties. See his ad elsewhere in American Poultry Journal.

H. Cregar & Sons have recently moved from 447 Hannah avenue to Jackson boulevard, Forest Park, Ill., where they have a much larger place and will be able to handle their rapidly growing business with more ease and convenience. They are disposing of all their S. C. White Leghorns and in the future will breed S. C. Buff Leghorns exclusively. Anybody wanting some good S. C. White Leghorns can get a bargain now. Their mating list is now ready for mailing. Write for one. Address H. Cregar & Sons, Forest Park, Ill.

C. E. Ewell, Milan, O., breeder of White Wyandottes, reports a shipment of 36 hens and four cockerels to Bocus Del Toro, Panama. The birds were purchased by the United Fruit Company. This speaks well for the quality of his White Wyandottes.

\$1000⁰⁰
IN PRIZES



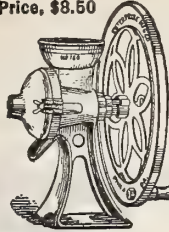
First Prize \$500 Auto
Brush Runabout shown above
Second Prize \$100 in Cash
Ten Other Prizes Ranging
from \$75.00 to \$25.00 Each

The Fruit-Grower is the world's leading fruit and farm magazine. January—Special Spraying Number; February—Gardening Number; either issue worth a dollar—sample free. The "100,000 Club" is a National Organization to benefit fruit growers in a practical way. Everyone will want to join. Send coupon today, get busy and earn a prize.

The Fruit-Grower, Box 112, St. Joseph, Mo.
Tell me how I can earn the Auto or Big Cash Prizes.

Name.....
Town..... State.....

No. 750
Price, \$8.50



"ENTERPRISE" BONE, SHELL AND CORN MILL

Just the mill for farmers, poultrymen and all who keep poultry. Cracked grain, ground bone and shell is the proper food to feed to increase the egg production, and with one of these mills you can turn grain and waste materials into food for your poultry.

The "ENTERPRISE" Mill is thoroughly reliable. Runs easily, is strong, durable and doesn't get out of order. Look for the name "ENTERPRISE" on the machine you buy. Mill shown in cut weighs 60 lbs. Grinds DRY bones, Oyster, and other shells. Capacity 1½ bushels of corn per hour.

Illustrated catalogue free. Our famous recipe book, the "ENTERPRISING HOUSEKEEPER," sent anywhere for 4c in stamps.

THE ENTERPRISE MFG. CO., Dept. 33 PHILADELPHIA, PA.



125 Egg Incubator and Brooder For \$10

Why pay more than our price? If ordered together we send both machines for \$10.00, and pay all the freight charges. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg-tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg-testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time.

WISCONSIN INCUBATOR CO., Box 50, Racine, Wis.



Wisconsin Incubators are made of California Redwood. Lamps are galvanized iron. O. K. Burners. Taylor Thermometers.

This Illustration shows the double walls with air space between

Wis. Inc. Co. Dear Sirs:—I am well pleased with your incubator. I have been in the poultry business for years and handled all kinds of incubators and there is only one I like as well as yours and that is a high priced machine. My poorest hatch was 128 from 130 eggs; all nice, strong, healthy chicks. WILL PHILLIPS.

Wis. Inc. Co. Dear Sirs:—Received incubator from you last April and had very good success. From the first hatch got 109 chicks from 115 fertile eggs. From the second hatch, 120 chicks from 124 fertile eggs. Am well pleased with the \$10 machines. Will hatch as many as any high priced machine. MRS. HENRY BECKWITH.



CAN YOU MAKE A BOUQUET?

A PRIZE FOR EVERY CORRECT ANSWER!

If you will cut out these eight pieces here illustrated and join them together in their proper places you will have a very beautiful picture showing a collection of flowers suggested by the flower seeds we are giving away. The eight pieces being all the same shape makes this look hard at first, but if you will give your whole attention to it for a few minutes, you will be surprised how easy it is to do this and how fascinating it becomes. If you succeed in correctly joining them together so as to complete the picture, we want you to paste them on a piece of paper and send to us.

Here you have all the Seeds for Your Flower Garden



Ten Varieties

Our Dear Old-Fashioned Favorites

- Poppies
- Nasturtium
- Mignonette
- Bachelor Buttons
- Sweet Alyssum
- Sweet William
- Cosmos
- Calendula
- Candytuft
- Sweet Peas

All Guaranteed True to Name
Cultural Instructions Included

10 Prize Seed Packets Given

To every one who sends us the entire eight pieces pasted together correctly we will award as a prize 10 of our beautiful packages of seeds all as specified above. This is a practical puzzle. After you have cut the pieces out, trimmed them and found out how they go, we want you to paste them on a piece of paper, write your name and address on it and send to us with 4 cents in postage stamps, and, to pay you for your trouble, we will send you these 10 assorted packages of flower seeds. We have a wonderful assortment. When we send you these 10 packages we will also make you another big offer that will surprise and amaze you. Cut out the pieces today and see if you can put them together so as to make the original picture, then send to us with 4 cents in stamps, if you want the valuable seed prize award and want to know what our big surprise offer is. Send answer and 4 cents in stamps to

THE SEED MAN, 29 Worthington St., Springfield, Mass.

EGGS



Baby Chicks and Ducklings

PLUTO STRAINS

AMERICA'S BEST BLOOD

Health — Strength — Quality — Utility

White Rocks, Leghorns, Wyandottes,
Barred Rocks and Rhode Island RedsSend for Booklet and Price List
Frogdale Poultry Farm

Geo. C. Thayer, Prop.

FRENCH LICK, IND. **PLUTO**

Indian Runner and Pekin Ducks

Do You Want a World's Champion Incubator?

At a recent incubator trial conducted by the Government Poultry Expert at the New Zealand International Exposition, a Reliable Incubator made the World's Hatching Record. When you buy a Reliable Incubator you have the World's Champion Incubator, and made by the House of Quality.

Reliable Incubators have won 648 prizes at international exhibitions and incubator contests in this country and throughout the entire world.

We build incubators different from most makers. We make the whole incubator—everything in our own factory—the largest of its kind in the world.

We have made incubators for 28 years and had years of experience in the poultry business before that, so Reliable Incubators have something more in them than just quality. They have success guaranteed.

You ought to get the "Reliable" book that tells all about incubators—the Reliable Incubators especially. It tells all about poultry raising, too. There isn't any other book like this, and there isn't any other incubator like the Reliable. Don't buy an incubator till you read it.

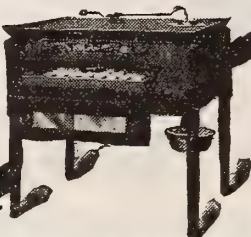
We Want to Sell You

Write for book now—it's free.

RELIABLE INCUBATOR & BROODER CO., Box C1, Quincy, Ill.

The Reliable

(2)



28
Years
of
Success

Our Guarantee is Backed by a \$1,000,000. Surety Bond

No other machine in the world carries a guarantee that protects you so absolutely as

The Sure Hatch Incubator

We give you a **positive guarantee**—everything put down in black and white and signed; and, besides this, we **actually send you a Surety Bond issued by the Bankers' Surety Company, Cleveland, Ohio.**

The **Sure Hatch Incubator** is built of the very best materials and constructed along lines that **always** insure perfect hatching results. If this were not so, we could not give the liberal, binding guarantee that we do. The Bankers' Surety Company could not afford to place its entire resources behind our guarantee if the **Sure Hatch** were not the best incubator manufactured.

Superior Construction makes the **Sure Hatch** the best Early Season Incubator. We have moved the Hatching period forward several weeks, and with it you can get the earliest birds, that bring biggest prices.

Double Redwood walls; Dead Air Space Insulation; Special Hot Water Heating System; Perfect heat, and fresh air regulation put the **Sure Hatch** in a class by itself. Our Double Guarantee keeps it in a class by itself. We pay the freight, and give you 60 days' Free trial.

Write today for finely Illustrated Poultry Book. It is free and contains many hints on poultry raising that will be valuable alike to the expert and the beginner with poultry.

Sure Hatch Incubator Company
Box 6 Fremont, Neb.

We Pay the Freight



You are
Absolutely
Protected

60
days
FREE
Trial

DR. C. J. ANDRUSS, CANANDAIGUA, N. Y.

The Well-Known Breeder of Columbian
Wyandottes—Winner at New York
and Other of Our Best Shows.

In Dr. C. J. Andrus we have undoubtedly one of this country's best known breeders and fanciers, one who has done as much for the strict fancy industry as any other has. He has taken varieties and bred them up to the very highest standard requirements, and his wonderful records made with Black Minorcas and Buff Rocks at New York and elsewhere stand as a monument to this man's ability as a breeder and fancier.

When the Columbian Wyandottes first came out he was one of the first to see in them a coming popular variety, selling all his old-time favorites and giving his every attention to this new breed. How well he has succeeded is yearly shown at New York. Each year he sends down a few to compare, and each year he better his record.

This and other seasons we have handled his birds at the shows and have noted the progress he is making and also his aims in breeding. In this we wish in particular to call attention to the shape of his birds. In this they excel. He has the form and very good color and markings; and now that he can give more attention to color, we look for his further success.

At the late New York show the doctor won first prize hen in the best class ever shown. This hen is in shape and color an ideal one, well to copy after; her wing is as good as we expected to see.

The winnings of Dr. Andrus at the Rochester show included 1st, 2d, 4th cock; 2d and 3d hen; 1st and 4th cockerel; and 1st, 2d, 3d and 5th pullets, and, we believe, all the specials; while at Canandaigua, N. Y., he won 1st, 2d and 3d cock; 1st, 2d and 4th hen; 1st and 3d cockerel; 1st, 3d and 4th pullet, and all specials. At Baltimore, Md., January, 1910, on four entries he won 1st cock, 1st hen, 1st cockerel, 2d pullet and six special prizes.

Here is a record well to have made, and in these well known shows. Dr. Andrus is president and one of the organizers of the Canandaigua association. We have known him for years and are pleased to have him as an advertiser in the American Poultry Journal. The fancy needs more such men and breeders.—H. P. Schwab.

White Feather Poultry Farm, Rocky River, Ohio, H. T. and C. H. Whitney, proprietors, have been breeders of Single Comb White Leghorns for a number of years past, having won first on pen at Cleveland in 1908, and have demonstrated that they can reproduce the quality necessary to win by coming back and capturing the coveted prize again in 1910. Mr. Whitney is a close student of the art of mating his birds to produce the highest quality of Standard Leghorn type, at the same time giving attention to the laying qualities of his fowls, and he has produced not only a strain of birds that are white and have the qualities necessary to win in keen competition such as was found at the Cleveland show, but his trap nest records can prove to you that he has a strain unequalled as egg producers. He has this year mated several pens of extraordinary fine specimens, from which he will sell you eggs that should produce show birds of the highest type. He also has pens from which he will sell incubator eggs at reasonable prices. He guarantees satisfaction, and we suggest if in need of White Leghorns you look up their ad elsewhere in this issue.

Foster & Johnston, Fort Wayne, Ind., breeders of the celebrated Duke of Kent strain of Black Orpingtons, report the following winnings at the late Fort Wayne show: 1st, 2d, 5th cocks; 1st, 5th cockerels; 2d hen; 3d, 4th pullets; 1st pen, and best display of Orpingtons, sixty-four S. C. Black Orpingtons competing. Send a 1-cent stamp for the history of the Black Orpingtons, and mention American Poultry Journal.

George C. Schwegman, Richmond, Ind., makes a specialty of breeding Houdans and S. C. Buff Leghorns and breeds only the best of each variety. He is offering eggs at prices that will attract buyers. Write him today and mention American Poultry Journal.

REAL GALVANIZING.

Undoubtedly the farmers of this country have wasted a great many thousand dollars in recent years on poor wire fence. Many of us have been unable to understand why what seems like a good fence will become utterly useless in such a short time. Our eyes have recently been opened on this question by a little booklet written by an expert on this subject, who shows how in the rush to get rich quick many manufacturers have neglected the fundamentals of good fence building. They have built fences with light uprights, and have used wire that was hardly galvanized at all. Mr. Brown, the author of the book, points out that in true galvanizing the galvanizing compound is not merely washed on the wire like cheaply plated jewelry, but that a chemical action takes place whereby the spelter used for galvanizing becomes a very part of the wire. It is not a simple covering for the wire, but a part of the wire itself. He attributes the long life and durability of the Brown fence to its superior galvanizing and its extra heavy uprights.

We know every one of our readers will be interested in Mr. Brown's little book. Write to the Brown Fence & Wire Company, Cleveland, Ohio, and ask for it. Mention American Poultry Journal.

To the readers of American Poultry Journal to whom the name of O. F. Mitten-dorf, of Lincoln, Ill., may not be familiar, it might be well to state that he has raised thoroughbred poultry for some twenty-five years. Being occupied in the mercantile business, he was able to devote only part of his time to the careful study and breeding of his birds, although he began by selecting Barred Plymouth Rocks as his choice and bred them for some time, he nevertheless took up several other varieties, only to discard them again and go back to what he claims to be the business fowl of the age, and therefore is now devoting his energies and all his time in the Parks and Gowell strains of bred-to-lay Barred Plymouth Rocks. He believes in the useful qualities of his choice as well as the fancy, as few people can afford to raise poultry for looks only. Having disposed of all surplus stock, he has mated up four superb pens of heavy layers for

this season's trade. See his ad elsewhere in this issue and send for circular.

Philip Koehlinger, 1414 East Grand avenue, Fort Wayne, Ind., breeder of Columbian Wyandottes, reports that he has exhibited his birds at several shows this winter, winning as follows: At Kendallville, Ind., January 4 to 10, he won 1st cockerel; 2d cock; 1st, 2d, 3d and 4th pullets; 2d pen. Huntington, Ind., January 18 to 21, he won 1st cockerel; 1st cock; 1st and 4th pullets; 1st pen; special for best display. Fort Wayne, January 25 to 30, he won 1st cock; 1st and 2d cockerels; 2d, 3d and 4th hens; 3d, 4th and 5th pullets; 1st pen; also 3d for best display in American class. Mr. Koehlinger has been breeding high class Columbian Wyandottes for a number of years and has five pens containing his finest specimens and prize winners mated for the egg trade from which he is selling eggs at very reasonable prices and guarantees to please you. His mating list is free for the asking and his ad is to be found elsewhere in the columns of American Poultry Journal.

Mr. W. E. Phillips, Wellington, Ohio, owner of Wellington Red Poultry Farm, who makes a specialty of breeding high class Single and Rose Comb Rhode Island Reds, reports that he has been winning on his stock during the fall and winter and that at the late show at Elyria, Ohio, he won in hot competition on Single Combs second and third cock, second hen, second cockerel, first and second pullet, first pen and special for best display; in Rose Comb he won second and third cockerel, first and third pullets and second pen; no old birds shown. Mr. Phillips' stock not only wins for him, but also in the hands of his customers, and he will have a number of very fine pens mated for the egg trade. He will also sell chicks from his best pens containing stock scoring from 93 to 95, as well as from his general matings. He issues a circular which is free and guarantees satisfaction or money refunded. We advise you to look up his ad elsewhere in this issue.

B. M. Billings, Oberlin, Ohio, breeder of Single and Rose Comb Reds, reports that his stock has never failed to make a good

showing for themselves wherever shown, and that he has won over 150 prizes on his birds during the past five years, having shown at such shows as Cleveland, Toledo and other shows. He won second place on cockerel at the Cleveland show this year on a very fine specimen and is prepared to furnish you eggs from his high class matings which should produce winners for you the coming year. He issues a circular describing his stock and giving hundreds of testimonials from satisfied customers. His circular is free for the asking, and if you contemplate investing in Reds, you will do well to send for it. His ad is to be found elsewhere in the columns of American Poultry Journal.

H. B. Hark, who has been manager of the Hartman Stock Farm, Columbus, Ohio, for the past six years, has accepted a situation with the Sheffield Farm, Glendale, Ohio, where he will assume full charge of the poultry department. They are just starting a new poultry plant on this farm and Mr. Hark informs us that it is to be a "model fanciers' plant" in every particular. Mr. Hark has been a specialist on Partridge Wyandottes for a number of years, having produced some of the finest specimens of this variety in the country, and Partridge Wyandottes and Rhode Island Reds will be the two varieties which will be bred on the Sheffield Farm. Our best wishes go with Mr. Hark.

The Edgedale Poultry Plant, at Wheeling, W. Va., keep winning on their Quality Reds wherever they exhibit. Won at Wheeling and at Smithfield, W. Va., in strong competition. Their birds show the true R. I. Red type and are red to the skin, proving that Mr. Clohan has acquired the proper knowledge in mating. You may get their descriptive price list by mentioning the American Poultry Journal.

Glen H. Richards, Le Grand, Iowa, one of the youngest breeders in the state, in a class of forty entries on poultry judging at the Iowa state contest at Ames won the \$250 pen of Crystal White Orpingtons given by Ernest Kellerstrass. As Mr. Richards was a breeder of Crystal Orpingtons previous to this winning, this adds materially to his already excellent flock.

YES—Count Your Chicks Before They're Hatched" IF you are using the— Tycos Thermometer

The success of an incubator rests with the Thermometer—if your Thermometer is wrong, it means a poor hatch, loss of eggs, loss of time and loss of money. If your Thermometer is a "Tycos" your success is assured, for "Tycos" stands for Temperature Insurance. Therefore, if your incubator is equipped with a "Tycos" Thermometer you can **Count Your Chickens Before They're Hatched**, in spite of the old saying to the contrary.

Thermometers may look alike, but there is a great difference in their quality; and it's this quality that makes Thermometers having the "Tycos" trade mark attached dependable. Although the Thermometer is the smallest part of an incubator, it is the most important. It really is the heart of an incubator, and you know that the heart is the vital organ of the human body. When you buy an incubator see that it is equipped with a "Tycos"

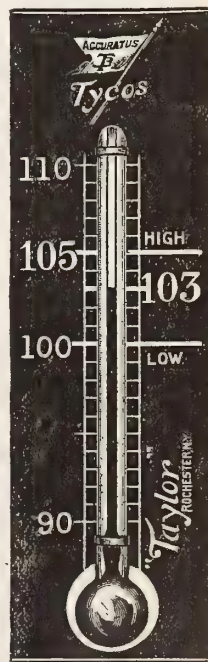
"Tycos" Incubator Thermometers, 75c. each; two for \$1.25.

"Tycos" Incubator Hygrometers, for indicating Moisture (Humidity), each \$1.50.

Send us the make of Incubator you are using and we will send you free our pamphlet

"THERMOMETER FACTS WORTH KNOWING."

Taylor Instrument Companies, Rochester, N. Y.



THE LAKESIDE MAISON DORE COMPANY AT NEW EGYPT, - OCEAN COUNTY, NEW JERSEY.

INCORPORATED UNDER LAWS OF NEW JERSEY—BUILDINGS AND IMPROVEMENTS ARE ALREADY UNDER WAY.

The Object of the Company—To erect a hotel on the lake front of the sixty acres of ground which the company already owns, a 200-room Inn and other buildings. The Cuisine will be furnished by the Poultry and Farm Department, thus assuring the company both the retailer's and wholesaler's profits. Stables, Garage, Ice House, Gas Plant, and other buildings and enterprises that charter covers are being erected.

THE LAKESIDE POULTRY FARM, with housing capacity of 5,000 hens and 12,000 incubating capacity and colony houses for the accommodation of 50,000 chicks. Well established and profitable business of the Glenolden Poultry Yards which had the reputation under the management of Howard L. Davis to be one of the most successful plants in the United States; also the established business of poultry supplies, including Fireless Brooders, Trap Nests, Davis Pemican Powder, Davis Germ-Acid, Davis Head Louse Salve, Davis Moisture Gauge, etc. A farm and orchard will be a valuable asset to the company. The Egyptian Theater is already a grand financial success.

The Prospectus now ready, and contains full particulars, details and objects of the company. Send for one at once.

HOWARD L. DAVIS,
PRESIDENT.
NEW EGYPT, NEW
JERSEY.

THE MAN YOU OUGHT TO KNOW MORE ABOUT.

Getting an interview with a man isn't a difficult proposition as a usual thing, but getting an opportunity for one is a difficult thing—altogether different.

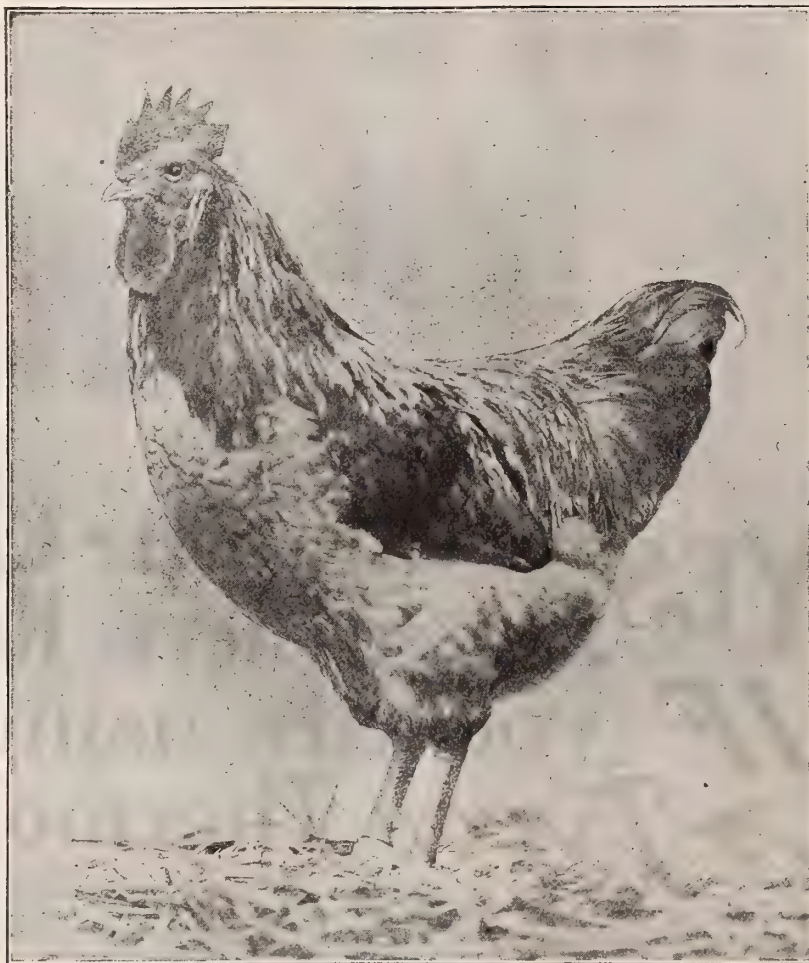
Among the advertisers of this publication is one man who has had much to do with improving conditions among poultry raisers and promoting poultry raising as an industry, and this is the initial opportunity to tell something of Geo. H. Lee, of Omaha, Nebraska, that cannot be found in the advertisements of his firm.

This article will serve to show the human side of a man who, when a boy, could play in the front yard at his parents' home in Le Claire, Iowa, and have full, unobstructed view of the Mississippi river—in short, Mr. Lee is an Iowa product. At fourteen he was in a new home with his parents, at Exeter, Nebraska. Both custom and necessity caused the family supply of eggs to be bought from Exeter grocers, and like all

ning of just how he actively entered the making of them as told by Mr. Lee is most interesting:

"A business woman here in Omaha started a poultry farm in one of our suburbs, purchasing some incubators and brooders manufactured in the East. During her first season she hatched a good many thousand chicks and lost them practically all in the brooders. I think, if I remember right, that she had about a hundred left in the fall. She came to me and said, 'Mr. Lee, if I cannot get a brooder that will raise the chicks I will have to quit handling poultry. Can you not give me a brooder that will really take the place of the mother hen?'"

"I told her that I would try and I immediately set to work on brooder problems, working throughout the day and oftentimes through more than half of the night. I constructed a great many different kinds of brooders, finding objections here and there until I settled upon a design which seemed to be satisfactory. I immediately gave this brooder to the lady above mentioned for her



First Buff Rock Cockerel—Missouri State Show, St. Louis, Dec. 6-11, 1909. Bred, owned and exhibited by J. J. Bleakley, Abilene, Kan. Note the perfect head points, nice long sweep of back, full rounded breast, complete tail and perfect symmetry of this great bird. His color was just as great as his shape, although a slight contrast is shown on wings in this picture, yet in life this bird is free from all contrast, being a pure buff throughout.

other grocers they bought from the farmer without question—and sold without question.

These conditions in Exeter were not unlike any other smaller town's conditions from one end of the country to the other.

So young Geo. H. Lee bought a dozen Plymouth Rocks and added some Buff Leghorns. His father being in the hardware business made it somewhat easier for his son to have a little workshop of his own. The whole poultry proposition opened itself before him. Poultry raising appealed to him and his mechanical turn of mind combined to help him enter the broad field that it has proven to be. Lee experimented, persevered and succeeded in developing his flock and means of handling, but at no time did he lose sight of the probable possibilities of incubators and brooders, but the begin-

to try at the farm. She put in a batch of chicks and at the end of a couple of weeks was quite surprised that she still had all of the chicks, having lost none of them. She immediately wanted us to make some more of these brooders for her and this led to the development of our incubator business, which now amounts to a good many thousands of machines each year.

"In our factory we employ from fifty to a hundred people, depending on the season. Our factory occupies some thirty-five thousand square feet of floor space and we are willing to make the assertion that we turn out more incubators and brooders in more limited manufacturing quarters than any other firm in the business, everything being handled very systematically and moving on from one department to another until completed."

Mr. Lee has written a new booklet, Lee's "Chicken Talk." Tell the Omaha firm who and where you are and they will send a free copy.

Mr. Lee is trying to arrange for sufficient time to permit him to attend the leading poultry shows of the country.

CHARLES McCLAVE'S WINNINGS AT THE LATE CLEVELAND SHOW.

White Wyandottes, cock, 2d and 3d; hen, 3d; cockerel, 2d; pullets, 1st, 2d, 3d and 5th; pens, 1st and 2d. Cup for best cockerel and pullet. Cup for best female. Cup for best pen and cup for best display. Club special for best pullet and best pen.

Bronze turkeys, 1st and 2d cockerels, 1st and 2d pullets, silver cup for best gobbler. Narraganset, 1st cock, 1st hen, 1st cockerel and 1st pullet. Silver cup for best male, winning all the firsts in the turkey class.

Toulouse geese, 1st and 2d cocks, hens, cockerels, pullets. Africans, 1st cock, 1st and 2d hens, cockerels and pullets. Brown Chinese, 1st and 2d cocks, hens, cockerels, pullets. White Chinese, all firsts and seconds, old and young. Wild, all firsts, old and young. Embden, cock 2d, hen 2d, cockerel 1st, pullet 3d. Cash special for best display.

Ducks—Pekin, cock 1st, hen 2d, cockerel 1st, pullet 1st. Rouen, cock 1st, hen 1st, cockerel 1st, pullet 1st. Black Cayuga, cock 1st, hen 1st, cockerel 1st, pullet 1st. Crested White, cock 1st, hen 1st, cockerel 1st, pullet 1st. Colored Muscovy, cock 1st, hen 1st, cockerel 1st, pullet 1st. White Muscovy, cock 1st, hen 1st, cockerel 1st, pullet 1st.

Cash special for best display and winning more first prizes on poultry than any other three exhibitors combined.

Albin J. Thuneman, Defiance, Ohio, reports the following winnings on his Black Rose Comb Bantams, at the late Defiance show: 2d cock; 1st, 2d, 4th, 5th hens;



First prize R. C. R. I. Red cockerel at Indiana and Illinois State Fairs, Girard and Litchfield shows, 1909. Bred and owned by W. D. Liipe, Litchfield, Ill.

1st, 3d cockerel; 1st, 2d, 3d, 5th pullet; 1st, 3d pen; silver cup for best pen of Bantams, score 192%, and also cash special

for the best ten bantams, all bantams competing. If you want good birds or eggs write him for prices and mention American Poultry Journal.

One of the neatest circulars received this season, describing a full line of corrugated cardboard, Egg, day old chicks and fowl shipping boxes, with letters of recommendations from noted breeders that have tested them, has been received from the Rippley Mfg. Co., Grafton, Ill.

These boxes are guaranteed by the above firm to stand the weight of five men, and to save one-half the express charges. They are made in various sizes. The Rippley firm has an ad. in this issue of these wonderful boxes.

Edward Brown, Mendota, Ill., reports the following winnings at the late Mendota show: On Barred Rocks, 1st and 2d cock and 1st hen in a class of 82. On Pekin Ducks, 1st cock, 1st and 2d cockerel, 2d, 3d and 5th hen; 1st, 2d, 4th and 5th pullet; 1st pen. Write him for prices and particulars on Barred Rocks and Pekin Ducks and mention American Poultry Journal.

James Kugler, Jr., Maple Hill Farm, Route No. 1, Frenchtown, N. J., has issued a booklet of his famous Single Comb Buff Leghorns, describing the matings and quoting prices of eggs and stock. Maple Hill Farm's stock has been among the winners at some of the large shows this season. Write for their booklet and mention American Poultry Journal.

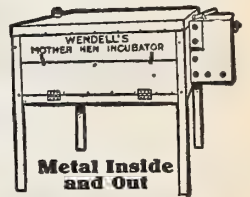
And they say that there is good money in raising Buff Turkeys. You bet there is if you have the right goods to start with. Wm. Osburn, Morris, Ill., specializes Buff Turkeys. He also has some fine Barred Rocks and R. I. Reds. Better send for his catalogue today and start right.



Mother- Incubators and Brooders

Our Incubator is covered with galvanized iron inside and out. It is padded on the inside and out with asbestos board and paper. It holds the heat, saves oil and maintains an even temperature—you don't have to set up nights with it—self-ventilating. If you want a cheap machine don't bother us, we are busy. Our BROODERS are the first invented that provides a warm flannel to lay on the chicks back—mother-hen. No steps to climb, no crowding, all metal. Send for our Book No. Z "The Incubating and Brooding Question Solved."

AUTOMATIC HATCHING COMPANY, Holly, Michigan



Metal Inside and Out

EDGEMONT POULTRY FARM.

200 prizes won this season at the Illinois, Indiana and Western Michigan state Fairs, Missouri and Illinois state shows, and the county shows at Girard and Litchfield, Ill. Closing out 200 pullets and cockerels at \$2, \$3 and \$5 each. Eggs and chicks from 30 grand breeding pens, consisting of the finest bunch of prize winners in the west. Send 2 red stamps for 30-page catalogue, the most elaborate Minorca and Leghorn catalogue ever gotten out.

Member of the Minorca and Leghorn Clubs
Life Member American Poultry Association

W. O. Chase, Box B

HILLSBORO, ILLINOIS

Don't Waste Your Time Experimenting With Cheaply Built Machines

Send At Once for
the Best Incubator
Catalog Issued—Free



The Most
Durable,
Simplest,
Surest Hatcher in
Existence

Seventeen different sizes Incubators and Brooders with hot-water or hot-air heating system. Our ventilation system prevents chicks dying in the shell. Prices within reach of all. Quality outclassing every other make. For sixteen years the

Successful & Eclipse Incubators and Brooders

have given better satisfaction than any other machine on the market. Booklet, "Proper Care and Feeding of Chicks, Ducks and Turkeys." 10c. Up-to-date Poultry Paper, 1 year, 25c. Catalog free. Address

DES MOINES INCUBATOR CO.

1 2nd Street, Des Moines, Iowa

The Best In the World

Our machines are doing wonders at hatching in every state of the Union; wonderful results reported from the cold and low lands in Canada; the not climate and high altitude in Mexico. From the dry country in Colorado and the damp atmosphere in the New England States, and hot South America; from 6,000 feet above the sea level in India; the mild climate in Australia; far eastern Japan and every country in Europe. We outatched them all—home, as well as all leading foreign makes.

**We Have the Records
to Prove This**

**Pin Your Faith to the
16-Year Success**

\$700 BUYS A 120 EGG KOMON-SENSE INCUBATOR

A SAVER OF 25% IN OIL
Grated and delivered to your station. Has metal lined walls, a triple top, guaranteed heater, self-regulating, high legs, glass door, thermometer. Good hatches always.

GUARANTEED—MONEY BACK IF NOT AS REPRESENTED

Komon-Sense Brooder \$3.00
Incubator and Brooder together, \$9.50, freight paid. Write for free catalog with prices of poultry supplies.

Komon-Sense Incubator Co.
Dept. 22, Racine, Wis. **FREIGHT PAID.**

MAKE HENS LAY

By feeding raw bone. Its egg-producing value is four times that of grain. Eggs more fertile, chicks more vigorous, broilers earlier, fowls heavier profits larger.

MANN'S LATEST MODEL Bone Cutter

Cuts all bone with adhering meat and gristle. Never clogs. 10 Days' Free Trial. No money in advance.

Send Today for Free Book.

F. W. Mann Co., Box 56, Millford, Mass.

SUGAR Fine Gran. lb. 2½c

We SAVE you about one HALF on Groceries and general Merchandise and pay freight. Send no money but write at once for Free Catalogue 25

CENTRAL MERCANTILE COMPANY,
263-269 Dearborn St., Chicago.

GALBRAITH "NEW LAND" FRUIT TREES

FREE FROM DISEASE GROW FASTER

Nebraska trees thrive best everywhere—famous for heavy fruiting. Apples and Peaches 5c.

Catalpa Speciosa, \$2.00 per 1000.

We sell direct—no agents—save you one-half and pay freight. We comply with all requirements for interstate shipments. Catalogue with special premium offers free.

THE GALBRAITH'S NURSERIES CO., Box 22, FAIRBURY, NEB.

Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

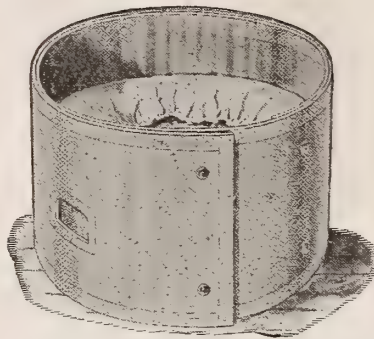
I will sell 2 sittings of full blood Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. Full blood White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or W. Orpington or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting; by the 100, \$7. Large Bronze or White Holland Turkey Eggs, \$3 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs. 100 egg Old Trusty Incubator, and 100 Chick Brooder, delivered at your R. R. station, both for \$14 each of the Rocky Mountains. This is a rare chance to get a start of extra fine stock and a good incubator. Send Post Office order on St. Louis and have your orders booked early.

W. F. CHAMBERLAIN, (The Perfect Chick Feed Man)
KIRKWOOD, St. Louis County, MO.

THE BROODING PROBLEM SOLVED.

The Lullaby Brooder, which created such a sensation at the Madison Square and Boston Poultry Shows last month, is undoubtedly the most advanced step that has been taken in poultry appliances in the last decade.

Heatless brooders are not a new idea, by any means. They have been on the market

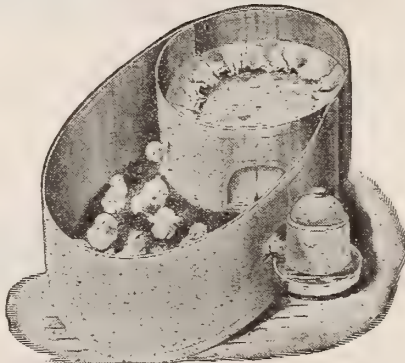


for a good many years, but until the Lullaby was produced, none of them were really capable of taking care of the chicks regardless of temperature without the help of artificial heat.

Every brooder previously invented was made of a fixed size. If they were able to successfully brood the chicks for the first few days after their escape from the shell, they were entirely too small as the chicks began to grow. If they were made large enough to take care of the chicks two or three weeks old, they were too big for the newly hatched youngsters. To be successful in cold weather, a heatless brooder must be filled to its capacity with chick life.

The warmth in this class of brooders is supplied entirely by the animal heat of the chicks and if the space to be heated is much greater than that actually occupied by their bodies, there will not be sufficient heat generated to keep them comfortable.

The first heatless brooder (or for that matter heated brooder) ever invented that would expand with the growth of the chicks, is the Lullaby. The operation necessary for its expansion is so simple that the only wonder is that the idea was



not thought of long ago. A heatless brooder has many advantages over those requiring artificial warmth.

To grow strong and sturdy, it is just as necessary that the young chick should have an abundance of pure, fresh air as it is for the laying hen. If artificial heat is provided, the outside air comes to them in a baked condition and greatly enervates them. They are made susceptible to colds and kindred evils. Their growth is retarded and the egg laying date is delayed, and when it arrives, the hens are not in sufficiently robust health to assimilate their food and produce them in any quantities.

It is very essential that chicks intended for egg producing purposes should get a good start. Every little drawback in their chick life has a telling influence on their egg producing capabilities later on.

You cannot raise a chick any old way and expect it as a matured hen to lay eggs in quantities.

The manufacturers of the Lullaby Brooder claim that it solves all the problems of artificial brooding, and it really looks as if their contention was correct. It is a well attested fact that poultry raisers have

usually had better success with the first brood in the wooden brooders than with the succeeding ones.

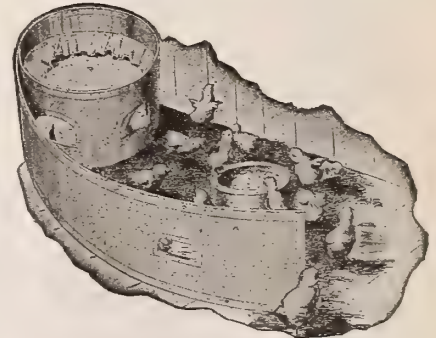
The Lullaby people say that the reason for this is that in the first instance everything is new and scrupulously clean, but that after the first brood has gone through it, it is next to impossible to thoroughly cleanse the brooder.

Our illustrations show this brooder in operation in four different stages.

Starting, as in figure 1, with the newly hatched chicks just from the incubator or from under the hen, the youngsters are kept enclosed in the double-walled chamber with no chance of getting out and chilling. No feed is required and the chick gains strength simply digesting the yolk absorbed just before hatching.

The next stage of the brooder, figure 2, is arranged with an oval yard in front of the two openings. Here the chicks "hover break" themselves, for if they bunch up in the corner they push themselves right into the hover. This feature alone is worth the price of the brooder. You don't have to stand around to put them in when they feel chilly. They can't go wrong. Note that the chicks drink through a hole in the wall of the brooder which effectively prevents their getting wet and chilling. How many chicks have you lost in the past from this cause alone?

Figure 3 shows the brooder for use after the chicks are three days old, given the run of the pen or house. Here the chicks pass in or out of the double doors at will, and grow as only chicks kept under the proper sanitary conditions will thrive. The air

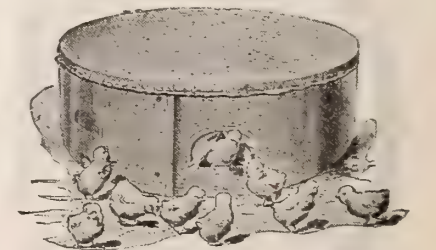


in the brooder is constantly changing, the warmed air and poisonous gases percolating up through the blanket over their bodies and down through the litter of cut clover, hay or straw. At no time during their lives in this brooder is it possible to confine the chicks in bad air.

Figure 4 shows the brooder enlarged to take care of the increasing size of the growing youngsters. This was one of the features that the old style brooder manufacturers could not anticipate. Brooders that provided the right heat and air conditions for baby chicks were much too small and stifling for three to six weeks old birds.

In the Lullaby Brooder, you "let out another tuck" and provide a hover space more than double the original size. Many common sense features previously totally ignored by manufacturers have also been added. All danger of contamination from one brood to another is avoided. You simply burn the brooder and "forget it." They are so cheap you cannot afford to run any risk; although they are much safer to use for a second time than any of the old patterns.

Like all our other appliances, they are sold on their merit; if not entirely satis-



factory, return them and get your money back. Tell your dealer about them. Order a dozen and use in place of hens. Try them under all sorts of conditions and you will find them perfectly satisfactory.

Order of your local dealer or direct of The Park & Pollard Co., Boston, Mass.

SEEDS.

3 Pkts. FREE.

Park's New Everblooming Petunias. Finest known. A glorious, fragrant bed, 20 feet across. Lovely shades and markings, the envy of your neighbors. Free.

1 Dark Purple, Rose, Carmine, Crimson.
2 Fancy Striped, Eyed, Veined, Spot'd, Star'd.
3 Edging Dwf White, Spangled, Throated.

5 Fine Gloxinias, 5 colors, 25c
7 Dble Begonias, 7 colors, 25c

My Flower Friend, write me a letter (not postal) and I'll send these Grand Petunias (Worth 50c) and culture, with Guide—all about flowers, packed with good things, nearly 1000 plain and colored engravings. I want to know you. Will you not write me today?

And When Writing Why Not Enclose 10 Cents for year's trial of Park's Floral Magazine, just what you need to help cheer and brighten your home. The **Oldest** and **Best** floral monthly in the world, and a welcome visitor in over 500,000 homes. Why not in yours? With it I'll send **Park's Surprise Seed Package, 1000 Sorts**, for a big bed that will delight you with flowers new and rare every morning the entire season. Money back if not pleased. Club of three 25 cts. Club with friends.

Address **GEO. W. PARK, Box 32, La Park, Pa.**

Magazine and 10 pkts choicest Flower Seeds 15 cts.
Magazine and 10 pkts choicest Vegetable Seeds 15 cts.
Magazine and 20 pkts, enough for both gardens 25 cts.

WOODMERE POULTRY FARM, W. H. HEARSFIELD, PROPRIETOR, WOODMERE, L. I., N. Y.

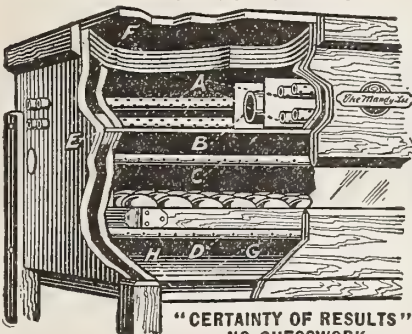
Woodmere Poultry Farm, located at Woodmere, Long Island, New York, eighteen miles from New York City, consists of twenty acres and is about five minutes' walk from the station. I have known Mr. Hearsfield for a number of years as a breeder of Barred Rocks, Cornish Indian Games and Single Comb Brown Leghorns, but had little idea to what extent his poultry operations extended. To say that I was surprised at the time of my visit February 5, 1910, is putting it mildly. There were about 1,300 head of laying stock on the place, mostly Barred Rocks and of the very best quality. Bird after bird was handled that showed that bright even, snappy barring we all like to see and it ran right down to the skin. Not a sick bird was to be found and I believe that the good health of this flock is due in a great measure to their being kept in open front houses, of which there are fifty on the place and all kept as clean as wax. If there is a poultry farm in this country where the birds run larger in size, the stock in better condition and the buildings kept cleaner I want to see it. Mr. Hearsfield is right on the job every minute and nothing is too small to escape his attention. I asked what percent of his birds were laying. He said he had never had time to figure it out but that his feed bill was running \$200 a month and the poultry paid it, and from the large number of eggs I saw in the nests I know they helped out a lot and can unhesitatingly recommend his birds as being splendid winter layers. Mr. Hearsfield started ten years ago with seventy-five mongrel hens and two houses and has reached his present proportions by hard work, which goes to show what can be done in the poultry business if you attend to it. From the start he has catered to the first-class family trade only, which has grown from small deliveries by a light wagon and a bicycle until at the present time he has three good large horses and as fine delivery wagons as can be seen on Fifth avenue, New York City. He does a large business in utility Barred Rock eggs at \$6 a hundred and I don't wonder at it after seeing his stock. In the last three years at the Garden Mr. Hearsfield has won on every entry made on Cornish Indians and Brown Leghorns, with one exception, principal among those prizes being the diploma for best pen Cornish, 1907; first Cornish cockerel, 1907, 1908 and 1909; second cockerel 1907 and 1908 was raised from a \$3 setting of eggs he sold to Joseph Cullman, Far Rockaway, N. Y., as was also the fourth pullet and the fourth prize pen. In all, seven birds, all New York winners, from a \$3 setting of eggs. At Minneola, L. I., N. Y. In the past two years he has won more prizes on his varieties than all competitors combined. At Richmond Hill, L. I., N. Y., November, 1909, in a class of over 100 Barred Rocks he was awarded second and fifth cockerel, second and fifth hen, fourth cockerel, first pullet and fifth pen. The first pullet was pronounced by Judge Drevendstet a wonder and the best he had handled to date this season in narrow parallel barring and clearness of under color. Also all the blues on Cornish Indians and S. C. Brown Leghorns the year before. 1908 the American Association diploma on S. C. B. Leghorn cockerel for best male in Med. class Barred Rocks, first cock, first and fifth hen, first and second cockerel, second and third pullet, third and fourth pen and silver cup for best display, a win on every entry in strong competition. Mr. Hearsfield said he had never won a prize at Madison Square Garden on Barred Rocks, but he is working with that end in view and anyone who looks over the stock at Woodmere and knows the man will make up his mind he will accomplish what he sets out to do. That Mr. Hearsfield is building up one of the most substantial businesses in the poultry world goes without saying, and I believe everyone placing an order with him will get his money's worth and a little more, and recommend our readers to send to him for prices.

Harry M. Lamon.

F. H. Wood, Station C, Cortland, N. Y., has been breeding fancy poultry for the past seventeen years, during which time he has produced some grand specimens of White Wyandottes. Write him for prices and particulars and mention American Poultry Journal.

"Hatched Every Fertile Egg"

Peter Westberry, Jesup, Ga.; H. E. Matteson, East Moline, Ill.; Fred. V. Perez, Tampa, Fla.; and many others.



"CERTAINTY OF RESULTS" NO GUESSWORK.

- A—Perforated tubes, heating chamber.
- B—Inlet Pipe from heater.
- C—Upper ventilation, egg-chamber.
- D—Lower ventilation, egg-chamber.
- E—Air-tight diaphragm.
- F—Packing in walls and top.
- G—Chick-nursery bottom.
- H—Duck-nursery bottom.

THE MANDY LEE HYGROMETER

Greatest Invention Since the Incubator Itself

Experienced Incubator operators recognize the importance of moisture properly applied and maintained during the period of the hatch. Some incubator manufacturers give instructions at random without considering climatic differences and with no scientific knowledge of the problems that confront the incubator operator. The general impression has been that little if any supplied moisture is needed at the beginning of the hatch, but that much is necessary during the last few days of incubation. Mr. Lee's experiments prove that quite the opposite is true. His experiments covered a period of more than ten years and he learned how necessary it was to have a practical, accurate and permanent instrument to measure moisture. He made extensive experiments with many failures and disappointments but finally succeeded in perfecting the MANDY LEE HYGROMETER. But he was sure of its value before offering to his trade and it can be depended upon to materially add to each hatch and will pay for itself many times over each season.



Lee's "Chicken Talk" is a new book written by Geo. H. Lee himself. It and 1910 Incubator Catalog are both free and ready to mail.

GEO. H. LEE CO.

1101 Harney St., Omaha, Neb.

GENERAL AGENTS in all principal cities. Write for name of one nearest you.

\$2.00 Dividend on Every Hen

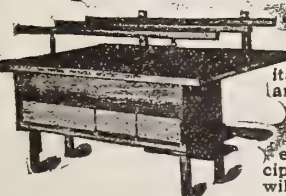
Each hen can make that amount or more for you this winter. The Potter System will reveal to you the most wonderful poultry secrets of a decade. Keep only your laying hens. The non-layers eat up the profit which the layers make. How are you going to tell which hens can never lay another egg? Just that is what the Potter System teaches you.

After reading this wonderful book you can eliminate every profitless hen from your flock. Then you have your poultry business on a money making basis. Every hen will then pay a dividend of \$2.00 each—a conservative estimate.

Winter Egg Profits

You know that winter layers are big money makers. The majority of your hens will be winter layers if you will use the Potter System of selection. With our book at your elbow you can stimulate the hens' laying organs. You can get every egg it is possible under nature's laws for that hen to lay. That's worth money to you isn't it? Then the quicker you get our book the sooner your poultry will pay you big money. Whether you have a dozen or a thousand hens, write today, enclosing two 2c stamps for catalogs and circulars telling all about the wonderful Potter work.

Potter Fixtures Mean Hen Health



Our poultry fixtures are sanitary. They are built in every size and upon true scientific principles. They will keep the poultry healthy. That means dollars to you. Potter Vermin-Proof Roosts—Perfection Feed Hopper—Simplex Trap Nests—W. P. Attachments—Feeds—Supplies of all kinds.

This Vermin-Proof Poultry House \$40

It is 8x10 ft. in size, completely equipped with two Potter henry outfits; has 8 nests, 2 pens, room for 15 to 18 chickens each. You cannot buy another such house for \$40—one dozen styles and sizes. We are now conducting the entire business of the Sanitary House Company, Lemont, Ill. We manufacture their full line of poultry houses, brood coops, pigeon lofts, etc. We will supply you a complete up-to-date poultry house cheap. Please write today for full descriptions, catalogs and circulars, enclosing two red stamps.



T. F. POTTER & CO. Box A Downers Grove, Ill.

SPECIAL PRICE
ON

LICE PROOF NESTS

—KNUDSON'S GALVANIZED STEEL—
At Almost the Cost of Raw Material
Greatest Poultry Appliance ever invented—lice
will not go near metal nests and they last a life-
time. Each nest has separate door for shutting in
setting hens or closing at night to prevent roosting in them.
Hangs on three nail heads, and to clean—simply lift off and dump
contents out of open back. Can hang other nests—one above the other
or endwise. If you use one—you'll want more. Free Illustrated Catalog.

Send \$3.50 For Full Size Set of 6 Nests—Regular Price \$3.90
3 Complete Sets (18 Nests) for \$10. Knudson Mfg. Co. Box 104 St. Joseph, Mo.

MILLVILLE POULTRY FARM

S. C. W. LEGHORNS

are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. We have one of the largest farms in the country and can supply your needs promptly. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

Millville Poultry Farm Co., M. J. Haitz, Mgr., Box 1002, Millville, N. J.

THE WORLD'S BEST WYANDOTTES



Are found at Brook Side Farm in Golden Laced, Silver Laced, Whites and Blacks. Winners of over 300 premiums at Madison Square Garden, New York, alone. They have won thousands of premiums at Chicago, St. Louis, Buffalo, Boston, Philadelphia and all the large shows. We have 2,000 head of the finest birds we ever offered, both old and young, of the finest exhibition birds or high class breeding birds. They have the size, shape, color, combs, up to date lacing, large clear open centers, that will improve your flocks, or win for you in the warmest company. We have line bred these birds for nearly thirty years. The richest breeding that can be produced. Write us today for real bargains, also Golden Sebrights and Collie dogs. Imported stock. Large circular showing more than fifty of our great winners. Eggs from my finest matings, \$3 and \$5 per setting.

Ira C. Keller : Brook Side Farm : Box 75, Prospect, Ohio

Now's Your Time

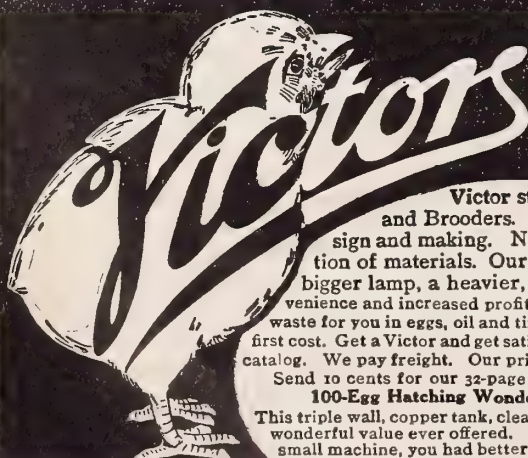
125-EGG Mankato Incubator \$7.25
The Equal of any Hatcher at any price
245 - Egg Mankato, Only \$9.50

120-Chick Brooder, \$3.75—240-Chick Brooder, \$4.50

We've now got prices down on high-grade incubators where they belong. It's results you are going to pay your money for, not highly polished wood and big advertising bills. The **Mankato** is the one high-grade hatcher that's sold at a price for the rank-and-file poultryman. Double walls, heavy copper hot-water heating system, perfect automatic regulator, perfect ventilation, safety lamp, chick nursery—everything complete and a **Hatcher with a record.**

It's waste of money for you to pay more than the Mankato price. Nobody can build an incubator that equals it for less. The result of 15 years' practical experience operating incubators and raising poultry. **Send for Free Catalog** and see the why of our prices.

MANKATO INCUBATOR COMPANY, Box 821, MANKATO, MINN.



Victor stands for Quality in Incubators and Brooders. No others show such care in design and making. No others show such careful selection of materials. Our new models give a clear top, a bigger lamp, a heavier, stronger case. These mean convenience and increased profit to the owner. A cheap machine may waste for you in eggs, oil and time much more than you saved in the first cost. Get a Victor and get satisfaction. Write us today for our free catalog. We pay freight. Our prices are low.

Send 10 cents for our 32-page "Poultry Diary" account book.

100-Egg Hatching Wonder Incubator, delivered \$10.

This triple wall, copper tank, clear top, full height Incubator is the most wonderful value ever offered. If you are thinking of starting with a small machine, you had better spend a dollar or two more and get this one. It has a dependable regulator, nursery, chick drawers and complete incubator, thermometer, funnel and book of instructions, all delivered at any R. R. station east of the Rocky Mountains. With Brooder, \$15.

GEO. ERTEL CO., 102 Kentucky St., Quincy, Ill. Estab. 1867.

THE PITTSFIELD POULTRY FARM.

By Frank L. Platt.

Pittsfield Farm was started as an investment by business men. Gordon Dobson and F. W. Briggs are the men behind the farm. But "Pittsfield" has grown to be more than a commercial enterprise. In addition to working at the problems of housing and feeding, growth and egg production, Mr. Briggs became interested in the nice distinctions of shape and color.

It may not seem difficult to raise fowls and produce eggs for the food market. Breeding for market does not require that skill that detects the least fault in the makeup of a bird, but it does require economy, industry, thought. Those are the three factors requisite to the successful work of the utility poultryman, and they are something. To the breeder of standard bred fowls the same work is fundamental, but he adds to it expert judging and skillful mating.

All manufacturers and farmers may not be primarily interested in the building of the most effective machinery or the growing of the choicest grain. Whatever they can sell at a profit satisfies them. But here and again there is one who has too earnest an interest in his work and too much pride in his product to sell inferiority for mere gain. His reward is always in part the satisfaction of having sold the best that was within his power to produce. Such are the better manufacturers, or growers—or poultrymen. Such are the men who, like Mr. Briggs, may see beyond the feathers, flesh and bone, the beauty of the fowl. Such poultrymen sell excellent values for the money they receive. They are fanciers.

It is a pleasure to visit a poultry plant of such men. It is never found on the "Don't Care Farm," in the village of "Let 'Er Slide." Rather, it is the workshop "Results" on the farm "Success." So it is at Pittsfield.

Pittsfield Poultry Farm is located four miles from Pittsfield, Me. I reached Pittsfield after noon of the first day of February. That evening I visited with Mr. Briggs in his office in his home. The next morning the household arose early and Mr. Briggs and I started to the farm.

There was just snow enough on the ground to bear the cutter along, the air was brisk—just as folks at home like to have it along Thanksgiving time—but not as one would think of finding it in Maine in mid-winter. On much traveled roads, out of the village, through the valley, along the pine woods on the south, then suddenly, through a clearing the plant was in full view. It was the home of Pittsfield Barred Plymouth Rocks.

It is the Plymouth Rock with its large, full body and dark brown eggs, that is the first fowl in the New England states. The Boston market calls for brown-shelled eggs, and roasting chickens which may weigh 12 pounds, but not less than 4 pounds.

It is different in Boston than in New York City, where the fresh eggs come from the Leghorn farms of New Jersey and New York state and are white shelled. The brown eggs in the New York market are mostly western eggs that invariably have reached cold storage. Furthermore, the varicolored western eggs are candled, and it is easier to detect spots through a white shell than through a brown. So it is, the new laid eggs in New York City being white shelled, eggs from the nearby Leghorn farms and, among the candled eggs, a bad white egg seldom reaching the table, New Yorkers have acquired a preference for white eggs.

The New York vicinity farmers, catering to a once low call for broilers, have with their succulent Leghorn cockerel meat, developed a broiler market of remunerative prices. With poultry meat gaining in favor among all classes and actually becoming more necessary as a food product, a demand for roasting chickens in New York—something more than "western live" or "cold storage"—will ere long be made and met. Likewise, Boston will eventually call for 2-pound ten week old broilers, as she receives with always open market ten week old green ducks.

The Leghorn could be handled successfully in the Northeast. It is the egg-farm fowl of New York State and at the time of my trip to Pittsfield there was 16 inches of snow in upper New York and scarcely any in Maine. If plumage is the fowl's protection against cold and low temperature resistance is the

measure by which the utility of the races are judged, the Leghorn may claim 30 per cent more feathering than a Rock, in a ratio of its weight.

But Boston calls for brown-shelled eggs and roaster chicken meat for its market has brought 32 cents a pound alive, at the grower's door. So the Plymouth Rock is lord and master of the New England barnyard. There, as throughout the Central states and all of the West, the good qualities of the Barred Plymouth Rock are handed on and commended on to each succeeding year. As tradition carries in her hand the story of that granite boulder, Plymouth Rock, on which the Pilgrims stepped as they came ashore in New England three centuries ago, tradition hands us down the worthiness of the Barred Plymouth Rock race of fowl—strong as the Puritan fathers, good as the Puritan hearts, productive as virgin New England.

The Barred Plymouth Rocks at Pittsfield are a credit to their breeders. They are bred to size and type, illustrated by the most progressive styles, their surface plumage is striped in clear bars, the web of the feathers barred even and straight,

Readers of poultry papers with whom I have talked, in referring to illustrations of winning birds, have said: "If we could only breed them the way they are painted." Of Barred Rocks, I have had the pleasure of receiving an untouched photo of the first cockerel at New York, '08, the first hen, '08 and '09, and Pittsfield's first Boston cock, '10. Before me on my desk lies the photo of Pittsfield's Boston cock. He stands with grace and vigor, a Plymouth Rock! His barring goes around his breast and on down throughout his fluff in continuous rings. The barring on his hackle feathers that drape back from his throat are bands as even as though they had been weaved by the harness of a loom. I shall not forget that cock. He stood for me as if he felt I had come to take his picture—and I had. In the "Hall of Memory," in the "Palace of My Mind" his picture hangs, that I may judge all other Barred Rock males in part by the standards he has set. His eye was red; lobe soft in texture, which is an indication of vigor in American varieties; comb well shaped; tail well finished, which requires vigor in cocks of American varieties; wing



FIRST PRIZE COCK BOSTON SHOW 1910,
PITTSFIELD POULTRY FARM PITTSFIELD ME.

the under color strong and deep. The Barred Rocks at Pittsfield are more than likenesses of those champions whose feather markings and color and type are studied by judges and inquired for by breeders of the North, East, West and South. The Pittsfield birds themselves are among the champion winners. At the recent Boston show, judged by that master of the Barred Rock aisle, C. H. Wells, and in competition in a most excellent class, Pittsfield won first cock, second hen, first pen.

It was a pleasure to handle these birds and others in their breeding pens on the farm. In the first house into which I went, and in the first pen, was a pullet mating, and among the hens was one that attracted me. I picked her up and commended her barring to Mr. Briggs. He said: "She was the fourth pullet at Boston, '09, and the first hen at Portland this year; but I will show you some barring." We stepped into the next pen and Mr. Briggs pointed out the second hen at Boston, '10. To many a struggling breeder such a hen would be deemed perfection itself, and indeed such quality, it seems to me, is enough to discourage breeders in their efforts to breed the race to a higher standard.

secondaries barred like on exhibition hens. The butt of his tail was well covered and I counted twenty bars on one of the lesser coverts. Most impressively, the bird was one even color, the same on his breast as on his back.

Among Barred Rock breeders there grew a desire for plumage, each feather of which was tipped with black. This fancy became imperative and was incorporated in the "standard." Of late the tails on Rocks have been bred lower, and now there is a growing desire that the back of a Rock just before it sweeps the tail, or at the cape, be horizontal. I am reminded of this new requisite of the breeders who set the fashions by Pittsfield's first prize cock at Boston. Where his hackle meets his back, and just before his back inclines to his tail, he is flat and broad.

I might write of the various males that head the cockerel breeding pens at Pittsfield, but suffice it to say that such mention would needs be comparative. The skill of the breeder lies in combining the good points of birds and offsetting the poor ones, and with Mr. Briggs and his competent superintendent, L. A. Cowan, lies the task of breeding more cockerels



A HEN IS HUMAN

in that she does not work well unless she is well. A quart of lice would run your poultry yard. A quart of Lee's Lice Killer would help you to run it yourself, and run it right. No use trying to dodge the issue; your poultry cannot produce or be what they ought to with lice on their bodies, in the nests, or in the roosting places. Lice incapacitate, annoy, destroy.

Who loses? You do. Geo. H. Lee lost, too, from this same cause, until 1895, when he invented Lee's Lice Killer. Its enormous sales prove its value—more of Lee's sold than any other two insect destroyers on the market. Lee's is the original liquid lice killer—the only one prepared exclusively for use as an insecticide.

Lee's Lice Killer

is a distillate of coal tar and sulphur products, and kills lice, mites, etc., both by contact and vapor. Paint the roosts and spray the walls. No handling, dusting, dipping or greasing. Kills not only lice but all vermin wherever found.

Price: quart, 35c; ½ gal., 60c; gal., \$1.00; gallon express prepaid, \$1.25.

Send card to-day for Lee's "Chicken Talk" by Geo. H. Lee himself.

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Write for discount on quantity orders. Sample on request. Prompt shipments.

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WE PAY \$80 A MONTH SALARY and furnish rig and all expenses to introduce poultry and stock powders; new plan; steady work. Address BIGLER COMPANY, 3308, SPRINGFIELD, ILLINOIS.



Crown Bone Cutter Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa. **BEST MADE Lowest in Price**

BROWN'S BUFF ROCKS

Have won their share of the prizes at Peoria, Nov., 1908, and Dec., 1909; Monmouth, 1909, and Illinois State Fair, 1909, and have individual records up to 261 eggs. Have 4 pens mated for early delivery. Eggs, \$2, \$3 and \$5 per fifteen; larger order write.

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Barred Plymouth Rocks

WIN FIRST PRIZE WHEREVER SHOWN—Our original stock was selected from one of the most noted prize winning yards in the country, and by careful selection and mating we have produced a strain that is not excelled anywhere. Under such judges as I. K. Felch, our birds in competition score from 90 to 95½ points. 400 BIRDS FOR SALE, of the very choicest quality. Birds that win in the strongest competition; birds that will produce winners. We guarantee every bird to be as described or money refunded. This guarantee is what our business is founded on. Write today for what you want and mention American Poultry Journal.

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White Plymouth Rocks

We breed them. Good, strong, vigorous birds and first class layers. We are selling eggs this season at \$3 per fifteen.

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MOORE'S S. C. W. LEGHORNS

Day-old chicks 10c each. Book orders now. Our exhibition matings are unsurpassed in shape, color, carriage and spread of tail. Eggs for hatching at bargain prices. Do not order elsewhere until you have seen our free mating lists—ready February 1st. Stock for sale.

Moore Bros., Moscow, New York



Lady Baltimore, winner of shape special at Little Rock, Ark. Score 94.

S. C. Reds

Bred from a long line of prize winners, they show their breeding by winning in four states, 1909. With 15 birds entered at Little Rock, Ark., I won 9 regular and 6 special prizes, including Stiff loving cup for highest scoring pen of any class in show; \$10 in gold for second highest scoring 15 birds shown by one exhibitor; 3 out of 4 club badges given by Rhode Island Club of America. If you want the best in Reds, or your flock needs new blood, Mr. Breeder, write me. Mating list now ready. Eggs for hatching. Stock all sold.

CHERRY RED POULTRY YARDS
D. E. MACGOWAN, Prop., 1129 COLLEGE ST., MEMPHIS, TENNESSEE

Know This 5,000 Egg Hatcher Before You Decide on Any

Most simple to operate anywhere; cannot over-heat egg chamber; only one lamp—less oil; double heating system—hot air and hot water; no thermostat but most even temperature; double air-spaces heated; no moisture problem; nature's ventilation—no draughts; hatches hen, duck, goose and turkey eggs at same time.

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PRACTICAL REDS

RIDGE VIEW FARM



THAT'S it—Practical Reds. The kind that lay eggs like a Leghorn and make a roast like a Rock.

We have the best strain of Practical Reds in the U. S. We sell eggs that hatch. Send \$6.00 for 100 eggs from utility pens or \$10.00 for 100 eggs from selected pens. Get your order in now—don't wait until the last minute.

After years of careful breeding we are giving the fancier an opportunity to buy from our best stock at an exceptionally low price.

A. G. CLARK, WILLOUGHBY, OHIO

such as headed their first young pen at Boston.

The breeding pens at Pittsfield are strong. Heading one is a cockerel that, in type and size, is equal to the "first cock." In another is the third cock at Boston and the first cock at Portland, 1909. Another is the fifth cockerel at Boston and first cockerel at Portland, 1910. There are ten such pens. "Unprecedented results from Pittsfield eggs this year" is surely a reasonable, fair prediction.

The house in which the superior exhibition of birds are penned is a fresh air front house. The pens are 14 feet square. In the roosting corner, that is, at the juncture of the roof and rear wall, the house is celled. There is but one roost. The nests are underneath the dropping board. The main laying houses are 430 feet long; there are two. The pens are 20 feet square. It may be asked if Plymouth Rocks kept in large pens and hence large flocks do as well as those in small flocks. To this I will say that the Gowell house, of which the houses at Pittsfield are patterned, was built for Plymouth Rocks and it is the house that is used on each of the three large Barred Rock plants I visited in Maine. Two days ago I visited the Corning plant near Bound Brook, New Jersey. Their laying houses are patterned after the Gowell house, but they are not divided into pens. 1,500 Leghorn pullets are kept in one flock in each house. At the Newtown Producing Company's plant, Newtown, Pa., the pens in the new laying houses are 40x50 feet and from 500 to 600 Leghorns are kept in each pen. At the plant of H. E. Seaver, Brown's Mills, N. J., 500 Leghorns are kept in one flock in each house; the laying houses being built about 14x100 feet.

Last week I visited Joseph Tolman on the south shore in Massachusetts. Mr. Tolman is a White Rock breeder. He told me that eggs from his big houses containing 100 breeders in a flock were running from 6 to 10 per cent more fertile than those from birds in small flocks. It would seem that large flocks do better than small, in all varieties. How the methods of poultry culture do change! It wasn't long ago that poultry writers recommended 16 square feet of floor space to each fowl, and not over 15 birds to a pen. The poultry business is passing from the past period of experimentation and uncertainty and is becoming a man's business possible of operation on positive and economical lines.

There are 270 colony houses, 3x6 ft. each, at Pittsfield. In the growing season they are dotted over a 40 acre clover field. There is no better green food than clover. When cut it is also an excellent food for laying hens, for it contains a large percentage of ash. In addition to a relative percentage of protein and carbohydrates, a balanced ration for fowl should contain a greater percentage of ash than can be obtained from grains. Clover supplies the deficiency.

The rearing, brooding and hatching facilities at Pittsfield are not surpassed. Before the chicks go to the range they are brooded by the Hall Brooder Systems. There are four of these systems. Mr. Briggs spoke of them as a "Godsend to the poultry industry."

In the incubator cellar are two 6,000-egg Hall Mammoth incubators. Last year the machines were started in March and run until the 9th of July. 55,000 chicks were hatched at a cost of \$14 for coal. Seventy-nine percent of all the eggs put in the machines hatched.

Over the incubator cellar, in a cockerel pen, was the cockerel, now a cock, whose picture is so familiar to every reader of the poultry press that it has come to be synonymous with "Pittsfield." To see at home this bird whose picture I have seen so often and in so many places where I have read a line of poultry journalism, was a treat, and I venture to say, is enviable.

The shipping room was the last into which I went. I took a chair and watched some shipments made ready. I noticed Mr. Cowan, the superintendent, paste some large circulars on the boxes. I wondered what they might say, so I read in part: "Express Agents' Note: This shipment may be returned, express prepaid, if not satisfactory to consignee." Pittsfield's customers are the judges. They judge the birds they have purchased, in their own hands, in their own home town. Many purport to give this privilege, but Pittsfield's method is active, not passive.

J. M. Moore, Jr., formerly of East Akron, Ohio, is now located at Unadilla, N. Y., and is ready for business and can supply you with anything you need in White Rocks and White Wyandottes.

SOMETHING ON PAGE 393.

We urge our readers to turn to page 393 and read the special announcement there from one of the biggest advertisers. It contains some information on buying incubators and brooders that we are sure if more of the people who purchase incubators and brooders would follow there would be fewer failures and disappointments experienced. That it is economical to buy a good thing when you're buying goes without saying; you cannot get something for nothing, and it is cheaper nine times out of ten to pay a good price for a good article than to take chances on paying a cheap price and getting a cheap article. The Prairie State Company has gained the reputation which its machines enjoy largely because it put out the best machines for the money and the cheapest in the end because they produce a better result and give much longer service. We have no hesitancy in saying that those who buy Prairie State goods will confirm this statement from their own experience. This company has put out what has been admitted by the leading poultrymen of the country to be the best and most helpful catalog of the year. It will be sent free to anyone addressing the Prairie State Incubator Company, 468 Main street, Homer City, Pa., and mentioning this paper.

A SUCCESSFUL S. C. WHITE LEGHORN BREEDER.

Mr. Robt. D. Parmenter, Knoxville, Ill., is to be congratulated on the grand success he has made in producing specimens of S. C. White Leghorns that have won, the past season, at the leading shows in the west. Mr. Parmenter is a young man with an ambition to become the foremost breeder of this variety and he certainly has made a remarkably good start in this direction. He is now located on his new farm consisting of six acres right in the town of Knoxville, Ill. This is a beautiful place, with a fine orchard which will provide plenty of shade for his stock during the summer. He just completed one new 60-foot breeding house and has plans all made for another 100-foot house; also a modern barn and feed house, an incubator cellar and condition house. When completed he will have one of the most complete and up-to-date poultry plants in the state.

His young stock will have about five acres to range over, which will insure healthy, vigorous stock.

This season he is planning to raise at least 1,500 birds, as he will require this number to supply his rapidly growing trade. Mrs. Parmenter is also an enthusiastic

poultry fancier and a great deal of Mr. Parmenter's success is due to the assistance and encouragement given him by his life partner.

To give our readers an idea of the measure of success attained by Mr. Parmenter we give below a list of his winnings for the past two seasons.

At Chicago, 1908, first hen and N. S. C. W. L. special, with only three birds shown.

Galesburg, 1910, first and second cock; first, second, third and fourth cockerel; first, second, third and fourth hen; first, second, third and fourth pullet; first pen and numerous specials.

This is certainly a grand record and one that a much older fancier than Mr. Parmenter might well be proud of.

He will be pleased to hear from all who are interested in S. C. W. Leghorns.



WINNERS AT MADISON SQUARE GARDEN, NEW YORK, 1908-09. FIRST COCKEREL, SECOND PULLET. J. H. WILLIAMS & CO. BREEDERS, OWNERS. NORTH ADAMS, MICHIGAN, U.S.A.

At Illinois State Show, Springfield, 1909, first cock, second cockerel, tied for second pullet, third pen. At Bushnell, Ill., first, second, third and fourth cockerel, first, second and third pullet, first hen and special for best display. At Illinois State Show, Springfield, Ill., 1910, first, second and third cockerel; first and second cock; first, second and third pullet; first, second and third hen; first pen and numerous specials. At

Mountain View Farm, South Kent, Conn., breeders and exhibitors of Buff, Black and White Orpingtons of the better kind. This farm produces birds that are good enough to win at Madison Square Garden, therefore ought to be good enough to go into any breeder's yards in America. Look up their winnings at the late New York show. See their ad in this issue, and write them for prices and particulars.

STEP UP TO IT—

The magnificent winnings at the late big Chicago and Hagerstown shows by McDanell's Golden and Columbian

Wyandottes. Eggs from this stock will do it. Special exhibition matings, \$5 per 15, \$8 per 30. Regular pens, \$3 per 15, \$5 per 30. Order from this; I'll do the rest. Modern plant. 50 per cent egg yield, Jan. and Feb. 8 yrs. reliability. Catalog. Old Homestead Farms J. H. McDanell, Proprietor R. 2, Warsaw, Kentucky

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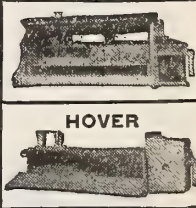


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Incubators of same high merit and equal successful experience of the brooders. Catalog free.

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He can and will save you money on first-class birds, young or old, and eggs, all varieties in the following breeds:

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Black Langshans
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Cochins
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Write him at once for his free 1910 Catalogue. Mention American Poultry Journal and tell him just what you want. Address

S. A. Hummel, Box 52, Freeport, Illinois



THE FAVORITE BAND

Pleases All. Locks Securely
12 for 15 Cts. 50 for 40 Cts.
25 for 25 Cts. 100 for 65 Cts.
Chas. L. Stiles, Columbus, O.

R. C. REDS

Winners at Indianapolis, 1909, and again in 1910. Also won at Indiana State Fair in 1908 and 1909. Eggs from fine pen scoring 90 to 93½ points, \$3.00 per 15. Indian Runner Ducks I won 3 firsts, 1 second at Indianapolis Show, 1910. Eggs, \$3.00 per 12.

E. B. Bender, Zionsville, Indiana

NOTICE

No more stock for sale, except young turkey toms, but can fill your order for eggs from Mammoth Pekin ducks and Black Orpingtons. Also can furnish day-old chicks of S. C. W. Leghorns, at \$12.50 per 100.

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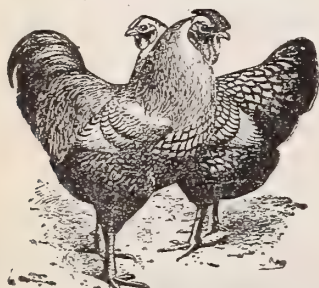


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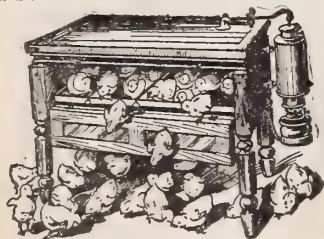
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Shoemaker's Poultry Book AND ALMANAC FOR 1910

There is nothing in the world like it. It contains over 200 large pages, with many fine illustrations. A number of BEAUTIFUL COLORED PLATES OF FOWLS, showing them in their natural color.



Tells all about all kinds of thoroughbred chickens, with life-like illustrations. Prices of eggs for hatching and fowls for breeding purposes. TELLS HOW TO RAISE POULTRY SUCCESSFULLY, their care and management and how to treat all diseases common among them. Gives illustrations and descriptions of convenient poultry houses and plans to build them.



The Globe

ALL ABOUT INCUBATORS and BROODERS with the illustrations, complete description, and lowest prices. ALL ABOUT OPERATING THE INCUBATOR. This chapter is marvelously complete, and worth much more than the price we ask for the whole book. This Poultry Book is worth dollars to anyone interested in the raising of fowls. It is AN ENCYCLOPEDIA OF CHICKENDOM, and no one can well afford to be without it. Will be mailed to anyone upon receipt of only 15c. Money refunded if not pleased.

C. C. SHOEMAKER
BOX 605 FREEPORT, ILL.

A SUCCESSFUL BARRED ROCK BREEDER.

In writing to Mr. F. S. Nicholson, Otisville, N. Y., recently we asked him to give us a little history about how he started to breed Barred Plymouth Rocks, to which he replied as follows:

"My experience with chickens dates back about as far as I can remember, my first being bantams, and I have been continually interested up to the present. As a small lad I well remember of many trips made into the country (I lived in a village then) to those farmers who would let us catch pigeons, often staying until after dark so as to catch them after they had gone to roost. Then a tramp of several miles home, there to get a scolding for always fussing with those pigeons.

"As soon as I had a home of my own I laid plans for some chickens. I found a man who had some Barred Rocks that he wished to sell, these I bought, and ever since have stuck to these, the most popular fowl this country has ever known. Since that time—over fifteen years ago—I have spent much money buying the best blood I could find. Six years ago my health gave out, and having to get outside in the air, we bought our present location, which is located two miles from Otisville on the Erie railroad, seventy-five miles from New York, one and one-half miles from Valley Junction, one mile from Cuddebackville on N. Y. & O. W. R. R. We have 120 acres, about one-half wooded, mostly sloping to southeast.

"While we have not shown extensively ourselves, our customers are sure winners at many shows each season. We have won at such shows as Boston, Hagarstown and several other large shows under the best judges. Have made shipments of birds and eggs to Canada, Mexico and Europe, as well as to all parts of this country. We may have dissatisfied customers, but it is our aim to use all as we would like to be used and give more value for money received than we can get when we spend ours. Can assure any customer that any complaint will be attended to at once and all possible fairness used to please them. All birds are shipped with the privilege of returning them if not satisfactory. Anyone buying eggs and not having good success can have order duplicated at half price. It doesn't make any difference what the cause of ill luck, be it the hen or from any cause. I am willing to meet the customer half way. In over fifteen years shipping eggs, many of them the breadth of the country, I never had but one reported broken. I consider this a grand testimonial to the care we use in packing, especially when one considers that it means thousands each year.

"This season we will breed from just six pens, each one of them being made up of as good blood as can be found, regardless of price; every bird being very closely related to New York, Boston and Chicago winners, and while we sell eggs at the low price of \$3 for 15, \$5 for 30, we send only eggs from our best birds and consider the quality as good as the best.

"I will be glad to mail free my illustrated circular and mating list, containing many unasked for testimonials. In fact, I never asked for a testimonial in my life. As to responsibility, would refer to the National Bank of Port Jervis, Port Jervis, N. Y."

BEN. W. WILHITE, BREEDER OF BLACK MINORCAS AND BUFF ORPINGTONS.

Mr. Wilhite reports that at the late Crawford show he won following prizes on Black Minorcas, first and second cockerel, first and second hen, first and second pullet, first pen and sweepstake special in the show of Dore pullet. This bird was pronounced by Judge S. P. Lane as being the best Black Minorca pullet he handled this season. Mr. Wilhite has recently purchased some fine Buff Orpingtons which won at the Crawford show, first, second and third cockerel, first, second and third pullet, second and third hen, first pen. Mr. Wilhite is fair in his dealings and will treat you right.

Ridge View Farm Rhode Island Reds are in demand in all parts of the country. They are known as utility Reds, as they are great egg producers. Better send for their mating list, it will interest you. Address Ridge View Farm, Willoughby, Ohio, and mention American Poultry Journal.

SINGLE COMB PRIZE WINNERS BLACK MINORCAS AND BUFF ORPINGTONS

Fifteen years a breeder and exhibitor. Eggs, \$3 per 13 or \$5 per 25. Stock all sold. Write me for a square deal.

Ben W. Wilhite, Route 2, Crawfordsville, Indiana



48 Breeds Fine pure bred chickens. Northern raised; hardy and very beautiful. Fowls, eggs and incubators at low prices. America's greatest poultry farm. Send 4c for fine 80-page 15th Annual Poultry Book. R. F. Neubert, Box 844, Mankato, Minn.

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SMALLEY'S

WHITE WYANDOTTES

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States. W. P. SMALLEY, SHAWNEE, OKLA. Sec'y Oklahoma Branch American Poultry Ass'n

WH. WYANDOTTES CUP WINNERS

At the Cleveland show we won silver cup for champion cock. At Akron our stock made almost a clean sweep. Also winners at Warren and Elyria. We have four grand pens of prize winners mated to produce prize winners. Eggs, \$3 per 15. Send for mating list.

W. J. Battels : Akron, Ohio

S. C. Brown Leghorns

15 splendid cockerels \$2.00 to \$5.00; 3 well-mated pens at \$10.00 each. Eggs from two matings after March 1 at \$1.50 per setting. Winners at Iowa State Fair, Cedar Rapids and Chicago.

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HIGHEST SCORE EVER WON

100 Envelopes, 3½x6½ inches, an extra strong, thick, smooth, slick, white writing face, and 120 Letterheads, 8½x11 inches, heavy, hard, smooth, slick, pure white writing paper, all artistically printed and illustrated with latest new Standard cuts of your breed for only \$1.00. Express charges paid by me. Better printing for the price was never done. No order less than \$1.00 filled. Name your Express office. Cards, tags and egg labels same price as above.

Address, J. R. HUDSON, Hardin Springs, Ky
I have seen samples of Mr. Hudson's printing. It is very nice; he is perfectly honest.—EDITOR

DUSTON—WYANDOTTES.

One of the breeders that we feel we ought to congratulate this season on the splendid showing he has made on his stock during the three past years at New York is Arthur G. Duston of So. Framingham, Mass. He was unable to show at the recent New York show on account of an injury to his knee. The winning of the first collection two years out of three is a record that anyone may be proud of and never has been equaled in what is one of, if not the strongest, class at this show, which no one questions is the hottest Wyandotte show in the world. The splendid young birds bred from his New York winners of last year will be in his breeding pens this year as well as a goodly number of his old breeders. Such matings by an expert who knows the breeding of every specimen will produce rare birds and his customers can expect a large percent of winners from his eggs. It is a source of gratification to any breeder to know of the success of his customers, and while Mr. Duston always insists that a man buys ribbons, honors and all that goes with a bird, he can truly say that his birds sold direct and hatched from eggs have won highest honors in the hottest shows in the land this season, besides two of the largest English shows. We print an unsolicited testimonial:

Taylorville, Ill., December 18, 1909.

Mr. Arthur G. Duston,
South Framingham, Mass.

Dear Sir—As I am one of the bunch that do not believe in waiting until a fellow is dead to pile roses on his grave, I am going to drop you a line this morning and enclose you photos of several of my young birds, and you will readily see why I do this. The one photo is of my first pullet, Illinois State Fair, October of this year, Fishel being the judge that placed the awards, and when I tell you that Pierce and Dippel of Indianapolis had their full string in competition, and they had also bought the very best cock, hen, cockerel and pullet that Rudy would sell, and had them in competition too, and there were 11 other exhibitors in our White Wyandotte class besides Pierce and myself, of the very best in our western states, and this pullet easily won over all, you will understand what stuff is in her. But what you will be most pleased to know, and I am glad to tell you, is the fact that I used Duston's best exhibition stock on both the male and female side, pure and unadulterated, to produce her. I have exhibited and won at 10 of our leading poultry shows this year, and the most of the stock I exhibited and won on, I produced from the stock and eggs I bought of you. I enclose a list of about half of my winnings this year. I just thought I would write and thank you for past favors and for starting a fellow about right, and if it does not do you any good,

it will at least satisfy a desire of my heart.
I am, very truly,

Elmer Gimlin.

Charles Parsons & Son, Conway, Mass., the well known breeders of Barred Plymouth Rocks, did not exhibit the past season, owing to the fact that they sold so many birds for exhibition purposes and did not feel justified in exhibiting in competition with their customers, but have retained the very cream of their flock

them for full particulars and mention American Poultry Journal.

J. I. Blake & Co., Galesburg, Mich., breed both Rose and Single-Comb Rhode Island Reds, and their 1910 mating list is free for the asking. Write for it, and mention American Poultry Journal.

John W. Poley, Royersford, Pa., breeder of the world's best Buff Plymouth Rocks, has just issued his annual catalog and is

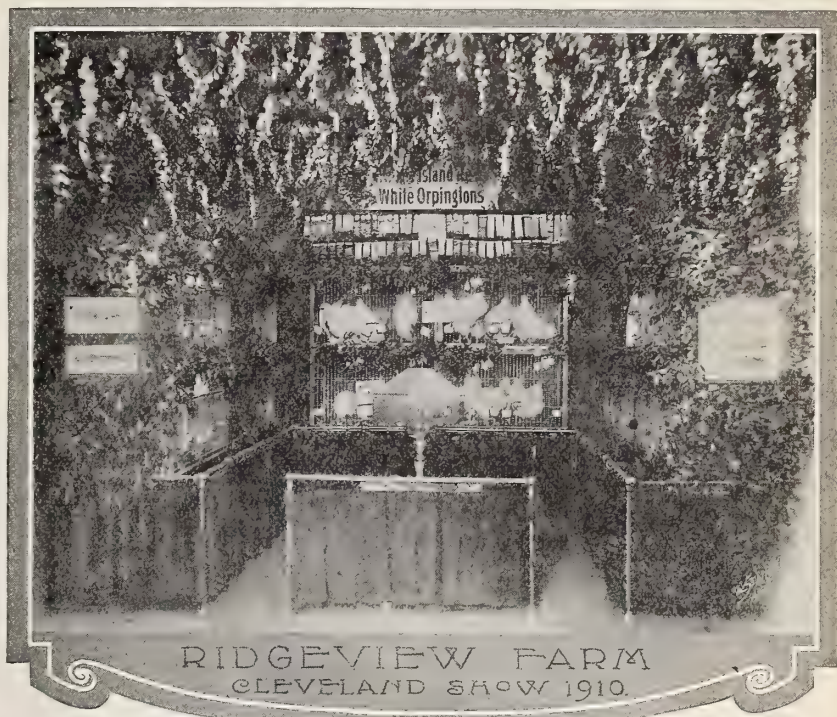


Exhibit of the Ridgeview Farm, Willoughby, Ohio, at the late Cleveland show, where their Rhode Island Reds attracted the attention of all visitors.

for the breeding pens this season, of which they have mated up fifteen for the season's trade. To introduce their stock to our new subscribers they are making very low prices on eggs, considering quality. They also have a few pullet breeding cockerels and pullets to spare. Write

anxious to place same in the hands of all those interested.

The 1910 mating list of the Owen Farms, Vineyard Haven, Mass., is now ready for mailing. You should get one before placing your order for eggs. It is sent free.

Rudy's Perfection White Wyandottes

Just from Missouri, where we did show them sure enough. Now I am going to show you the quality of my "Perfection" Strain that can be found in my breeding yards this season. My type of White Wyandottes is known all over the world as being as near Perfection as has ever been produced, and winners in most any of the best shows can be traced to my

"Perfection" Breeding

My records, at Chicago, December, 1908; Peoria, Ill., November, 1908, and Kansas City, Mo., January, 1910—the Madison Square of the West—will long stand unequalled. At these shows (the last three shown in competition) they won all the Blue Ribbons—15 out of a possible 15. At Chicago: 1st, 3rd, 4th cock; 1st, 4th, 5th hen; 1st, 2nd, 4th cockerel; 1st, 2nd, 5th pullet; 1st, 2nd pen. Silver cups and specials for best display. At Peoria: 1st, 2nd, 3rd, 4th, 5th cock; 1st, 2nd, 3rd, 4th, 5th hen; 1st, 4th cockerel; 1st, 2nd, 3rd, 4th pullet; 1st, 2nd, 3rd pen. All specials, including President's \$50 silver trophy cup for best display, all varieties competing. At Kansas City, 1st, 2nd, 3rd, 4th cock; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, 5th cockerel; 1st, 2nd, 4th, 5th pullet; 1st, 4th pen. Specials: The Weekly Kansas City Star's \$150 silver trophy cup for best bird in the show, all varieties competing. The Schmelzer Arms Company's \$50 silver trophy cup for best display, all varieties competing. All the above prize winners (with one exception) can be seen in my breeding yards this season, as I wish to give my patrons good value in eggs for hatching.

Why delay placing your orders? DO IT NOW, that the "Early Bird" may "Catch" the Ribbon. Have your orders booked early and be assured of prompt delivery. Fifteen grand pens. Mated for the Egg Trade, including all my prize winners. Eight of them headed by the best sons of "Perfection," the greatest living White Wyandotte sire. Prices of eggs: As they run (i. e., eggs from all pens), \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. From pens of your own selection, \$10 per 15; \$18 per 30; \$25 per 45. Utility and incubator eggs (from surplus stock I carry over for next season), \$3 per 15; \$5 per 30; \$7 per 45; \$12 per 100.

Don't forget that my "PERFECTION" STRAIN is noted for Great Egg Production. Write for Egg Circular and Mating List. A few choice breeders yet for sale. Prices on application.

Rudydale Poultry Farm ∴ ∴ **Box A, Mattoon, Illinois**
Geo. H. Rudy, Prop. and Mgr. **The Home of "Perfection" White Wyandottes**

R. C. Black Leghorns

Choice stock reasonable. Eggs, \$2 per 15. Order early.

B. GRAHAM - CALCUTTA, OHIO**Montgomery Ward & Co.**

Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

MAMMOTH HATCHERS

The original Mammoth Incubator was Hall's. It is a wonderful success. Prominent poultrymen use it and endorse it. Write today for catalogue and prices.

Hall Mammoth Inc. Co., Dept. X, South Columbia, New York

White Wyandottes

A few choice late birds still on hand. Am booking egg orders now. You get what I hatch myself. Every bird mated of show quality. Prices low.

F. W. KENNEDY : TIFFIN, OHIO**Grand Free Building Material Catalog**

5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 80c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 5 1/2c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 1890 Case Street, Davenport, Iowa**SINGLE COMB****White Orpingtons**

I have quality and can please you. Best pen eggs, only \$5; second pen, \$3 per 15.

White Faced Black Spanish

Eggs from fine birds, \$2 per 15. I guarantee satisfactory hatch.

Portage Poultry Yards, Geo. W. Gehring, Prop., Elmore, O.

YOUNG CHICKS

From Barred Rocks and S. C. White Leghorns. Are shipping thousands. Distance no objection. Safe delivery guaranteed. My prices are right. Send for catalog.

Richard B. Kerr :: Frenchtown, New Jersey**Lincroft Kennels and Poultry Farm****R. C. R. I. REDS**

Farm-raised strong, vigorous birds, winning silver cup and special for best Red in show at Monmouth County Fair, September, 1909; also silver cup, shape and color special, and special for best hen, Red Bank Poultry Show, January, 1910. An extra laying strain. Eggs from pens 3, 4, 5, and 6, \$2 per 15; special mating pens 1 and 2, \$5 per 15; Buff Leghorn eggs, \$2 per 15. Scotch collie puppies and grown dogs sired by imported Southport Supremacy. Prices on application.

W. A. WINTER, BOX 125, RED BANK, N. J.**COLUMBIANS**

My breeding pens for 1910 contain more first prize males at Boston and New York than are owned by any breeder in America. Have won first prize on breeding pens at Boston the last four shows. I won first pen, first hen, second cock and third cockerel at BOSTON, 1910, in the biggest class in the show. Choice breeders and eggs for sale from the best Columbians that live.

A. C. HAWKINS

Lancaster : : Massachusetts

— Ad on Back Cover —

RUSSELL FARM WHITE WYANDOTTES.

We doubt if any other strain of White Wyandottes has come to the front in late years that has won as many prizes at several of our best shows as has the Russell line of birds.

This past season at Guelph, Canada's greatest show, competing with nearly 300 birds, he won first and third cock, second, third and fourth hen and best collection. At Toronto, first, fourth and fifth cock, first, second and sixth hen, fourth, fifth and sixth cockerel, first and second pullet. At Boston, Mass., fifth cock, fourth cockerel. At Ottawa, the Eastern Ontario, second, third and fifth cock, first, second and fifth hen, first, second, third and fifth cockerel, first third, fourth and fifth pullet.

Here is a winning that easily stands as the White Wyandotte record for the year, for at these four great shows and competing with nearly 700 of the best to be found he won seven first prizes, or within one of as many as all others combined. This year Mr. Russell also bought the first prize cock at Boston and the second prize cockerel at Madison Square Garden, New York, for new blood; also proving Mr. Russell up to date and only satisfied with having the very best.

We have seen Mr. Russell's birds for several years and were very favorably

not allowed to pass out until round in shape. Smooth articles pass out at once. This is one reason that gravel and small smooth stones are not the best grit.

Another point to be considered is that there are certain elements such as mineral matter, bone and egg elements that do not come to the hens through their regular diet. The best way to supply these essentials is by feeding a grit that contains them. A grit that combines these two features—grinding ability and food value—is the ideal grit.

Such a grit is Maka-Shel. This well-known poultry grit retains its sharp corners, thus remaining in the gizzard until absorbed. Through friction it slowly breaks up, but does not ever wear smooth. Analyzed it is found to contain very nearly all the elements that enter into the composition of egg shell. It is fitly named "Maka-Shel." It also contains iron for the blood and the minerals essential to the making of bone in a growing chick. The hens love it, and readily show their preference when offered the choice of "Maka-Shel" or the common grits.

"Maka-Shel" grit is a natural product, quarried in a section noted for its mineral deposits. It is not a by-product but is mined for itself alone. It is a perfect grit for chickens, made by Nature herself. It is quarried, carefully ground and prepared for use, and sold by the Edgehill Silica Rock Co., Box D, New Brunswick, N. J. Their booklet, "Hen Dyspepsia" and free sample



Pen S. C. White Orpingtons, owned by William Cook & Son, originators of all the Orpingtons, Scotch Plains, N. J. Winners of many first prizes.

impressed the first time we met them. From the first it has been evident that size, with type, were the features of this line. At the last "Ontario," December 29, we again had the opportunity to handle this line and were particularly impressed with the quality shown. His first prize cock in condition as well as quality was a most superior bird—with beautiful head, grand deep and full breast and body, with as fine a back and full finished tail as we could wish to see. His winning hens were also superior birds. White as snow. For further information we would refer our readers to Mr. Joseph Russell, 1308 Queen St. East, Toronto, Ont.

Having a standing invitation to visit Mr. Russell, we hope to do so soon, when we will write him up so our readers may become better acquainted with one of Canada's leading breeders. Mr. Russell is a member of Parliament, honored by his fellow men, and besides this a true fancier.

H. P. Schwab.

"HEN DYSPEPSIA."

Hens must have grit to digest their food. The grit aids the gizzard in grinding the food and preparing it for assimilation. But, just as it is so very essential to the welfare of the hens, so should care be taken to get the best and most serviceable grit.

The best grit should be hard, of course. But it is of equal importance that it be sharp-cornered. There is a peculiar law that governs the expulsion of anything from the gizzard. If the article is sharp it is

can be had by writing them, mentioning this paper.

LUCKY 13.

Harmon Bradshaw, of Lebanon, Ind., showed thirteen of his S. C. White Leghorns in a very strong class of forty-nine birds at Indianapolis, February, 1910, and won second cock, first and second hen, first, second and fourth cockerel, first and fourth pullet and first pen. Won a prize on every bird entered. The judge said that the pen was one of the best he had ever handled.

A. F. Almendinger, Buffalo, N. Y., has mated up four pens of his Rose Comb Buff Leghorns from which to sell eggs for hatching. These pens will be headed by blue ribbon winners at New York, New York State Fair, Buffalo, N. Y., and Hamburg, N. Y. If you want the best in Rose Comb Buff Leghorns, write him for his mating list for 1910, mentioning American Poultry Journal.

W. S. Robison, Fayette, Mo., the man who has been breeding Buff Plymouth Rocks for a number of years, has just issued a very neat 20-page and cover booklet and mating list, which he sends free to all who ask for it. Better send for one now and mention American Poultry Journal.

Have you seen a copy of the mating list of Guy Daily, Jeffersonville, Ind.? He breeds some good White Plymouth Rocks. Send for it and mention American Poultry Journal.

**J. M. WILLIAMS & CO., BREEDERS
OF BUFF AND WHITE ORPINGTONS,
TIONS, BOX B, NORTH
ADAMS, MICH.**

During our recent visit to this poultry plant in conversation with Mr. Williams we learned he was the first man to advertise Orpingtons in this country. This was over ten years ago, and now being one of the oldest breeders of Orpingtons, you would naturally expect him to have some good ones. Well, he has, and as trophies of the quality he has produced, we were shown eleven handsome Silver Cups. The largest of these was a very massive cup some fifteen inches high and was won at Madison Square Garden on best display. Mr. Williams only having nine birds entered and he had seven points to spare. Several other cups were nearly as large and they were won in competition with the best in the land at such shows as Madison Square Garden, Chicago, Cleveland, and the World's Fair, St. Louis, 1904. They are particularly strong on S. C. Buffs and have a Buff Hen that has one unbeaten record. She has six firsts to her credit, winning as follows: First at New York City in 1903, the World's Fair 1904, Chicago 1905-6-7, and Cleveland 1908. She is seven years old, but is still a good hen today.

At the head of their first pen we saw the cock that was first prize cockerel at the Garden last year. He was a deep, round, broad, low down bird, having come through the month in fine condition, with a nice light golden buff color. To him are mated large blocky females all of the best quality. At the head of pen two was the cock that was third cockerel at the Garden last year. He is a full brother to the other bird and of equally good quality and the females in this pen were also selected for their grand type and color. Mr. Williams has plenty of Buff cockerels for sale and is quoting special prices on them at this time. He also has a few trios in both Single and Rose Comb Whites which he will spare. He has six pens in S. C. Buffs, four pens S. C. Whites and three pens R. C. Whites, mated for the egg trade. His mating list is free. Address J. M. Williams & Co., Box B, North Adams, Mich. His ad appears regularly in American Poultry Journal.

Ira C. Keller, Prospect, Ohio, showed 19 entries at the Ohio State show in January and won 19 class prizes as follows: Golden Wyandottes—cocks, 2nd and 3rd; hens, 1st and 3rd; cockerels, 2nd and 4th; pullets, 3rd and 4th; breeding pen, 1st. Silver Wyandottes—cock, 1st; hens, 3rd and 4th; cockerels, 2nd and 3rd; pullets, 2nd and 4th; breeding pen, 1st. White

**SILVER-LACED
WYANDOTTES**

Buff Wyandottes

Houdans

every case or money refunded. Stock

DR. G. W. TAYLOR

Wyandottes—cock 1st and 2nd; hen, 1st; breeding pen, 2nd, and the most coveted prize in the show, the \$50 Governor's Cup for the best pen in the American class. Laced Wyandottes have been the specialty of Mr. Ira C. Keller, Prospect, Ohio, for many years, and to him is due the credit of having produced many grand specimens

at the Cleveland, O., January, 1909 show, and stood out strong as the gem of the class. He was of superb quality in nearly every way, especially in color and lacing and head points.

Astoria Leghorn Yards, 240 Jamaica avenue, Long Island City, N. Y., are offer-

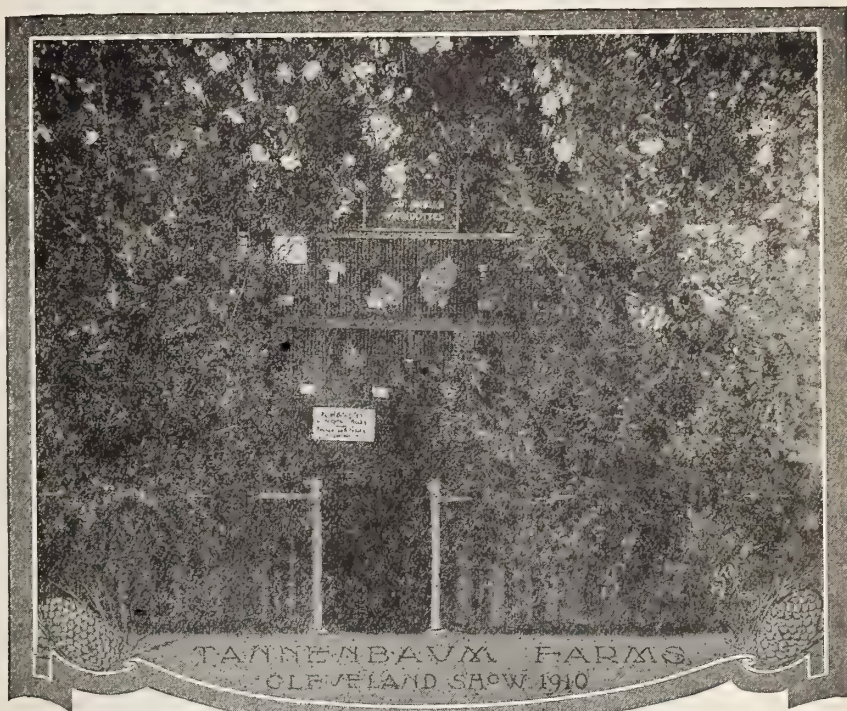


Exhibit of the Tannenbaum Farms at the late Cleveland show. This exhibit was the center of attraction at this show, the space being crowded with visitors from early morning until late at night the entire week.

of this breed, including nearly every variety. Mr. Keller is known all over the country as a most successful breeder of Golden Wyandottes, and those who follow the show records know that he has won a large share of the prizes, in close competition. The cock shown in this study was winner

ing some fine S. C. Brown Leghorn cockerels and pullets at very reasonable prices. They are also in a position to fill egg orders from either exhibition or utility pens. They satisfy their customers. Write them for prices and mention American Poultry Journal.

We entered but one cock at the Chicago show. He won first. We also won third cockerel and fourth pullet. Exhibition cockerels and pullets, good ones, \$3.00 to \$15.00. A few excellent breeding pullets and cockerels at \$2.00 and \$3.00.

Clare E. Hoffman

:

:

:

Allegan, Michigan

AT THE GREAT WEST MICHIGAN STATE FAIR—Won in the hottest competition first and third cock, third hen, first and third pullet and second and third cockerel. Silver cup three years in succession for best pen at Grand Rapids. 200 head grand youngsters, 50 yearling hens and 5 cock birds for sale. If you want the soft mellow Buff kind (buff to the skin) get my rock bottom prices.

E. A. Knapp, 451 Grandville Avenue, Grand Rapids, Mich.

OF QUALITY. Still the leading winners in some of the largest shows in America. Record for 1909: 51 ribbons out of a possible 55. Also \$100 special prize for best and largest display, competition open to the world. Send for my free catalogue of matings and winnings. Absolute satisfaction guaranteed in

matings and winnings. Absolute satisfaction guaranteed in

matings and winnings. Absolute satisfaction guaranteed in

matings and winnings. Absolute satisfaction guaranteed in

Buff Orpingtons

Chicago and Indianapolis Winners

Blue comes easy to Martz's line-bred, trap-nested layers. Chicago—1st pen, 1st cockerel, 2nd cock, 3rd cock, four best pullets, four Club Specials. Indianapolis—1st and 2nd pens, 1st cock, 1st pullet, 2nd and 3rd cockerel, five Club Specials, and other minor prizes at both shows. A few cockerels for sale. The largest Egg Catalogue and Mating List ever issued will be ready for mailing about January 10, 1910. Twenty-five illustrations and other valuable information. Free. Send for one.

A. E. Martz - Buff Orp. Specialist - Box C, Arcadia, Ind.



S. C. WHITE LEGHORNS

The quality kind, bred exclusively for ten years. Unparalleled wins in some of the best competition. Don't fail to write for circular. Both stock and eggs for sale.

Bed Rock White Leghorn Farm : C. C. Foster, Proprietor : Quincy, Michigan

EGGS FOR HATCHING FROM FOGG'S S. C. W. LEGHORNS

are the kind that will hatch you WINNERS and HEAVY LAYERS. My matings this season contain the best birds in this country. 1910 mating list ready now. If you want eggs in single setting or thousand lots, it will pay you to send for it. Can furnish you breeding cockerels and pullets in any size lots at right prices. If you are interested in the best in S. C. White Leghorns, send for mating list and catalog now. Get your order in early.

N. V. FOGG : Box R : MT. STERLING, KY.



BARRED ROCKS

BRADLEY BROS.' STRAIN

My customers always win. Fifteen years with Barred Rocks. Many prominent judges and breeders are our customers. EGGS --the kind that are selling for \$5.00 and up. \$3.00 per 15; \$5.00 per 30; honest treatment, prompt service. Free circular. :: :: :: :: :: :: :: :: :: ::

F. S. Nicholson :- Otisville, New York

At the Indianapolis Show

February, 1910



With less than two weeks conditioning, we won second cock, fourth hen and third pen with only thirteen entries out of over one hundred. Quality White Wyandottes. Exhibition and utility stock. Eggs at reasonable prices.

Pangalow Farm, R. F. D. 12 Indianapolis, Indiana

THE BEST IN THE WORLD

TEMPLIN'S SPRAY PUMP



The Best Pump in the World—"Templin's"—with a poor nozzle attached, would make a very poor combination; a poor sprayer. The Best Nozzle in the World—"Bordeaux" attached to a poorly constructed pump would make a poor combination; a poor sprayer. But the "Templin" Pump and the "Bordeaux" Nozzle combined, as we have them, makes a union that for strength, durability and efficiency, fully meets the requirements of the most exacting users.

IT'S JUST WHAT YOU NEED TO WHITE-WASH YOUR POULTRY HOUSE

Guaranteed for two years. Full description and price in our 1910 catalogue.

TEMPLIN'S "WONDER" GRAPE COLLECTION

For fourteen years we have been offering this splendid collection of 8 Grape Vines for 50c. Of course, a few changes were made in the varieties by adding new and superior ones instead of the old. As it is now it contains

More good vines and More high grade varieties than Were ever before offered for 50 cents

The collection contains three black, two red and 2 white sorts; a rare selection of "the best in the world," considering hardiness, vigor, productiveness and excellence of flavor, as follows: Brighton, Concord, Delaware, Diamond, Lindley, Moore's Early, Niagara and Worden.

JUST WHAT YOU NEED FOR SHADE IN YOUR POULTRY YARD

Order today! We will send the eight varieties, good one-year-old vines, to any address, postpaid, for 50c. And if you mention American Poultry Journal when you order, we will give you one vine extra—nine vines for 50c. Our 1910 Catalogue Free—Write for it today—just now. It contains many other great and liberal offers; we can't give them here. It also contains Nine of the Best Breeds of Poultry.

L. TEMPLIN SEED CO. : BOX 90 : CALLA, OHIO



START THIS SPRING.

Begin with a small outfit rather than not at all.

If you have been intending to raise chickens, don't delay. Start now and have some chickens to sell this summer or pullets to lay next winter. It doesn't cost much to start. The George Ertel Company, of Quincy, have made an introductory price on a small outfit that is so irresistible, so appealing that you can't afford to longer delay.

The way to make hens pay is to keep them laying or send them to the market. To feed and keep a setting hen—uncertain of temper—uncertain whether she will bring off any brood or not—is not profitable when you can get an incubator at the low price they offer and be almost sure of 95 per cent hatches.

Their 100-egg Hatching Wonder, which they will deliver to R. R. stations east of the Rocky Mountains for \$10, is 26 inches long, 21 inches wide and 31 inches high. It has triple walls, triple top and triple bottom, scientifically constructed to hold the temperature necessary within the incubator for the least expenditure of oil, regardless of how cold the air outside. It has a large copper tank and heater so that we have the benefit of a circulation of hot water, which cools slowly and cannot be quickly heated too hot. Each machine is fitted with our regular Victor regulator, which maintains the temperature without appreciable variation. The heater has a double jacket, which makes a tremendous difference in the oil consumption. A big lamp bowl doesn't need filling so often and is less apt to burn out if forgotten for a few hours—a big wide burner means heat—a big stout metal chimney doesn't get broken, and that means a saving in expense. All these things the Hatching Wonder has. They are the vitals of an incubator. Below the egg chamber with its movable tray is a nursery for the care of the newly hatched chicks—taking them off of the tray containing the hatching eggs so that they do not interfere with or smother the piping chicks. The double glass in the door permits of the inspection of the interior of the incubator without the necessity of subjecting either eggs or chicks to drafts of outside air. Ventilation is provided for by air inlets in the vicinity of the hot water passage into the tank, insuring a constant supply of warm fresh air.

In addition to the substantially built incubator with its egg tray and nursery, aluminum coated tank, heater, lamp and automatic regulator, the \$10 price includes a thermometer, funnel and book of instructions, giving valuable hints as to the raising of your chicks, besides telling how to get the best results from the incubator, all delivered at any railroad station east of the Rocky Mountains.

If the brooder is ordered shipped with the incubator, the delivered price of both is only \$15. The brooder provides a necessary home to take the place of a mother hen's sheltering wings during the first weeks of a chick's life, and up to the time a hen would wean her brood. It furnishes a good, warm, evenly heated, well ventilated nesting chamber large enough to afford sufficient exercise when weather conditions do not permit of an outdoor range. Brooder cases are made warm and tight and dry. The lamp and metal work are of the same quality as go into the incubator.

Better write the Ertel Co. today and have your outfit ready to start up just as soon as possible, because the greatest profit is from the early hatches. Remit in post office or express money order or bank draft, and if the machine is not just as represented, you may send it back and this firm will return the full amount you paid. You need have no hesitation in dealing with them, as they have been in business over 42 years, and have a paid up capital of \$60,000. They have a reputation for fair, square, upright dealing, which they intend to maintain. You can ask your banker or express agent about them.

AN OMISSION.

In our report of the New York show the winner of first pen on Columbian Plymouth Rocks was omitted. Sydney C. Allen, Orchard Park, N. Y., was the winner of this prize.

We are just in receipt of a copy of the annual mating list of Chas. G. Pape, Ft. Wayne, Ind., the well known breeder of Single Comb Black Minorcas. This is free for the asking. Send for one if you are interested in this variety and mention American Poultry Journal.

**S. D. SUTTON, BREEDER OF WHITE
WYANDOTTES AND WHITE OR-
PINGTONS, YOUNGSTOWN,
OHIO.**

Mr. Sutton informs us that he has five fine pens, containing all his high-class prize winning specimens of White Wyandottes, mated for best results, from which he confidently expects in the future as in the past numerous prize winning specimens. It will be remembered that Mr. Sutton caught several prizes in the late Youngstown show, where were to be found the hottest class of White Wyandottes ever gotten together. He also has three ground pens of White Orpingtons of the highest quality, from which he is prepared to furnish eggs for hatching purposes, thus giving his fellow

BACK TO NATURE.

Not a "Man Incubator," But a Nat-
ural Hen Incubator.

With all man's wonderful new inventions and startling contrivances, nature's inner work remains to us the same marvel and mystery it was to our forefathers.

There is a great deal of talk about modern incubators, steam heated, electric lighted, hot and cold attachments and so forth, but one man who ought to know claims it is mighty difficult to improve upon wise Mother Nature.

J. F. Siems, president of the Natural Hen Incubator Company, says, "We make our great mistake in trying to improve on nature. Get back to nature—copy nature, do as nature does. That is the secret of

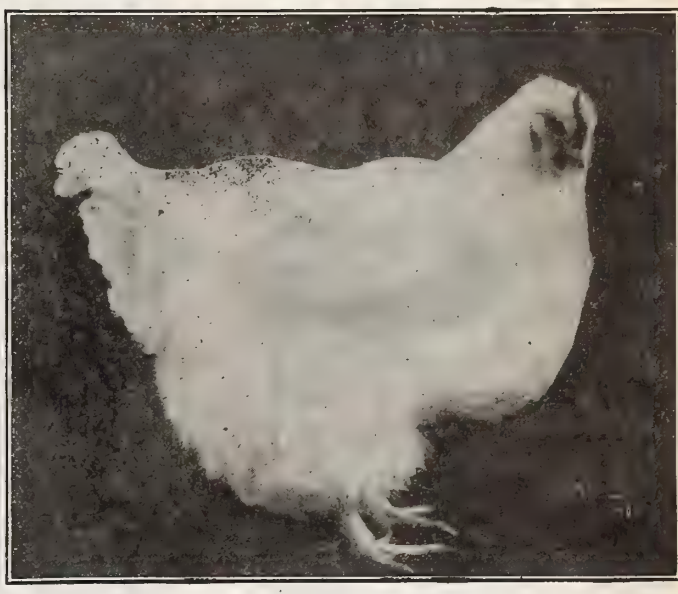
birds, raised by themselves. Their winnings were as follows: Fourth cock, second hen, fourth cockerel, fourth pullet and third pen. These winnings were made as they were, competing with the best Rhode Island Reds, which was a credit to this farm. Their winnings of four out of five at the Buffalo show last year is conclusive evidence that they are producing Reds of a high class quality year after year. They are getting up a fine catalogue of Rhode Island Reds at this time, which no doubt you will want. You can procure same by addressing Simmons & Crittenden, Geneva, Ohio.

We are sorry to learn that S. A. Nofztger, North Manchester, Ind., has met with loss by fire. His entire office and effects were burned recently, and he especially requests that his old customers send in their names, and trusts that he may again get them on his mailing lists. While Mr.



COLUMBIAN WYANDOTTE.

This female has scored 94½ in competition and shows the kind of stock in the breeding pens of Fred Styers, Greensburg, Ind.



WHITE ORPINGTON.

First hen at Toledo, Tiffin and Elmore, 1909, and part of second pen at Cleveland, 1910. Bred by Portage Poultry Yards, Elmore, Ohio.

fanciers an opportunity of procuring a start in every one of these varieties that will put them in the front ranks at once.

Mr. Sutton means to pay all express charges on either stock or eggs to any part of the United States or Canada, where the order reaches or exceeds \$10 or upwards. This is quite a concession on the part of Mr. Sutton, and should interest buyers of these varieties. Mr. Sutton is in the business because he is a thorough poultry fancier and not from a mercenary standpoint. He says that a satisfied customer is more to him than the mere fact of making a sale, and you are assured fair and courteous treatment with any order you may favor Mr. Sutton with.

the success of my Natural Hen Incubator. My incubator is built on nature's plans—not mine or some human inventors'.

Mr. Siems is very close to the truth when he decries the present attempts to promote "Man Incubators" instead of the natural hen incubator. Surely when we deal with the mystery of life, nature is the great teacher. Mr. Siems' catalog is full of pithy facts, good for all poultry raisers to read. It can be had free by addressing the Natural Hen Incubator Company, 1349 Constance street, Los Angeles, Cal.

Messrs. Simmons and Crittenden were among the winners at the show held at Columbus, Ohio. They won in every class of

Nofztger's loss was considerable regarding his office effects, yet he rejoices that it was not his poultry plant and stock of Partridge Rocks which were burned.

Baker Johnson, Lewistown, Md., breeder of S. C. Black and Buff Orpingtons, has been making some great winnings with his birds the past season. Write him for prices and particulars and mention American Poultry Journal.

P. S. Montgomery, Montpelier, Ind., breeder of White Plymouth Rocks, is mailing out his mating list free to all who ask for it. Send for it today and mention American Poultry Journal.

240-Egg Reliance Freight Prepaid \$10.00

OVER 200,000 have succeeded with this machine, and now it is still further improved. Metal-covered all 'round—front, back, and sides, top and bottom—high-grade galvanized iron. Also metal legs and metal lamp. The **safest** incubator built; the easiest to heat; the surest to keep at exactly the right temperature. Simple as A B C; self-regulating; self-ventilating. Lumber Walls, dead air space, insulating walls, metal walls and double wooden doors—metal-covered. All complete, ready to start your hatch; no extras to buy, and freight prepaid.

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The best Guide to poultry success published. A money-saving market place for Incubators, Brooders, Poultry Supplies and Thoroughbred Poultry. Contains our guarantee and tells why we can quote prices 'way below others. Remember, this is a 240-egg machine for \$10, and we pay the freight to points east of Missouri River and north of northern line of Tennessee. If you live further, write for delivered price to you. Don't order a thing in the poultry line till you get our book and prices.

RELiance INCUBATOR CO., Box 550, FREEPORT, ILL.



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All
Over**

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Legs**

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Safest Made

PRICE LIST--Freight Prepaid

240-egg Incubator.....	\$10.00
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120-egg Incubator.....	7.00
100-chick Outdoor Brooder.....	6.00
100-chick Indoor Brooder.....	5.00

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As we are the largest as well as the oldest dealers in poultry supplies west of the Mississippi River we can offer many items of interest to poultry breeders. We also handle thoroughbred poultry and EGGS FOR HATCHING. Don't fail to send for a copy of our new illustrated price list. Complete catalog of seeds, plants, etc., also free if you mention this paper. Write at once.

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A VISIT TO THE PLANT OF LYMAN H. HILL.

On the 17th of February the writer visited the plant of Lyman H. Hill, Station 1, Jackson, Mich., originator and breeder of the Wolverine Strain White Plymouth Rocks. We drove out to the farm purchased by Mr. Hill last year, and I was surprised to note the great progress he had made toward establishing a model, up-to-date poultry plant.

His farm is but a short distance from the city and comprises seventy-two acres of well drained, sandy soil. He has built a new, handsome residence and has several large

have a green, well-sodded run. In addition to this house, Mr. Hill has staked out another one of the same size which he intends to build just as soon as the weather permits. In addition to these two, he has a number of colony houses scattered about his farm to contain breeders or growing stock.

I noticed particularly two pens of wonderful quality from which he is offering eggs this season. It has never been my pleasure to look at two finer pens of White Rocks in any place or any show-room. They are simply magnificent, every one of them. The two males heading these pens are snow white, clear to the skin, and in addition have bright, clean yellow legs. Their head points are fine. Tail, back and body shape are as nearly perfect as anybody ever bred,



We wish to call the attention of our readers to this noble, stately specimen of a Barred Plymouth Rock cockbird. Just examine this bird carefully and see what you think of him. We gave a detailed photograph of the head and neck of this magnificent bird in our February issue. This bird is a representative specimen of the justly celebrated "Aristocrat" strain, originated and introduced by W. D. Holterman, the fancier, Box 2, Ft. Wayne, Ind. Look up his striking ad in this issue. Mr. Holterman has developed one very valuable quality in his strain to a remarkable degree—fine, exquisite barring and rich color. His Prince Ringy is claimed to be the finest barred male bird that has ever been produced anywhere.

barns, filled with farm stock of all kinds. While there his men were just installing a hot water system in a brooder house recently erected. This is a building 12x40 feet, modern in every way. His incubator cellar is large, with perfect ventilation, and already several large machines had been started and they were preparing to fill another with eggs.

He has also erected a large power house, with gasoline engine, grain and bone grinders, etc., installed, which will prove a labor-saver.

His main breeding house is 15x120 feet, divided into twelve pens, each 15x10 feet, with a hundred-foot yard in front and a fifty-foot yard in rear of each pen. Having alternate yards for his birds to run in, it will be an easy matter for them to always

and they had the deep, full breasts and the extreme width so much strived for in Plymouth Rock shape.

I carefully noted the birds in his other pens and failed to find a bird that was not in the very pink of condition, so far as health and vigor was concerned. There was not a poor colored bird in the entire flock. There was not a bird that did not have a bright bay eye, good clean legs of good color, was not up to or over standard weight, and had a low tail and long, good back shape. I can candidly say that they were as fine a lot of White Rocks as I ever saw mated anywhere, and I have visited the plants of a good many breeders of this variety.

While at his place I took a great deal of interest in looking over the records he has

kept of his 200-egg strain. This is kept in a simple yet very complete manner. I was also allowed to read a large number of testimonial letters he has been receiving from his customers. He seems to have the ability of not only mating and raising the right kind of stock, but can give customers the best of satisfaction and is content with reasonable prices.

Were I starting in the White Rock business, knowing what I do now, Mr. Hill would certainly find a good customer in me, for I know him to be worth every confidence that can be put in him and in his stock.

C. W. Zimmer.

THE REAL SECRET OF SUCCESSFUL HATCHES.

Mr. Hugo Lemke, one of our hustling, successful business farmers, says he has discovered the real secret of big, healthy hatches. He claims that it all lies in the incubator you use. In a recent letter he says, "I just want to tell you that Queen Incubators and Brooders are the best made. I know what I am talking about, for I have used every so-called 'best' machine on the market. While I could get a good hatch in most machines, I could only raise a small per cent of them, for they were not hatched right. Now, I placed chicks hatched in the Queen in other brooders and they lived better than those that were hatched in other machines, but if I put the chicks that were hatched in the Queen Incubator in the Queen Brooder, I raised practically all of them. I did not believe before that this could be done. I prefer Queens for my own use. My other machines I will sell for whatever I can get for them, or give them away."

Mr. Lemke is undoubtedly right. There is no question but that the Queen Incubator has made a most wonderful record. While there may be a few incubators on the market that get as large a percentage of hatches as the Queen, it would seem that none of them hatch such plump, robust chickens.

Queen hatched chickens won the three big prizes at the Seattle World's Fair, first prize at the St. Louis Poultry Show and first prize at the Nebraska State Show. The Queen is a wonder on healthy hatches, as well as big hatches. Leading experts and fanciers prefer it.

Curiously enough, the Queen Incubator is not a high-priced machine. Its cost is below the average. It is sold on a liberal, free trial plan—direct from the factory—guaranteed for five years. If you want to get in touch with Incubator Headquarters, write a postal to "Wickstrum, the Queen Incubator Man, Box 4, Lincoln, Neb." Just address it that way. Wickstrum says he is loaded with poultry and incubator ideas. Better write him tonight. His books and advice are free. Any good woman or man should be able to make splendid profits with a Queen Incubator and it does not take much money to get one.

ALL STRAWBERRIES ARE GOOD—SOME ARE BETTER.

"The Lord might have made a better berry than the strawberry," goes an old saying, "but He never did." These luscious first fruits of early springtime, however, are not all alike. Perhaps one might say of them as did the unmathematical old lady of something else. "Some of them are down to the average, but none below." How to get those better berries depends largely upon the grower, and this knowledge, being stock in trade, is oftentimes closely guarded. L. J. Farmer, a veteran grower, of Pulaski, N. Y., has performed a real service to growers by compiling a book from the methods, experiences and secrets of himself and others among America's successful growers. The book is well worth its price, 25 cents. Another helpful book is Mr. Farmer's Catalogue, describing his big stock of berry plants, which upon request to Mr. Farmer will be sent free to our readers.

Kitselman Brothers, fence manufacturers, of Muncie, Indiana, have just completed their large catalogue of fencing. Their prices are extremely low when you consider the high quality of their fencing. Prices range from 14 3/4 cents a rod up. See their ad elsewhere in this paper and write them for catalogue.

Have you seen C. L. Buschmann's R. I. Red Book? This is one of the best books put out this season, and if you are interested in Reds you should have a copy. This book will be sent you for 10 two-cent stamps. Send for a copy and mention American Poultry Journal.



A 50 EGG BUCKEYE INCUBATOR

\$5

with lamp and complete outfit ready for hatching—guaranteed to hatch every hatchable egg. Our 50-Egg Buckeye is a simple, self-regulating, latest-improved machine. Hatching quality backed by a 40-day free trial or money back without dispute. 10,000 sold last season, on this guaranty, and not one returned. Larger sizes on same guaranty and at correspondingly low prices.

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Twenty years on the market. 100,000 in successful operation. Every reader of this paper, who keeps chickens, should send for our poultry books telling how 51 chicks were hatched from 50 eggs, and "Making Money the Buckeye Way."

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Price. Our prices are less than common netting costs. Before buying any poultry fence, get our catalog and prices. We have 160 styles of fences to select from.

For a poultry proof fence woven close enough to confine small chicks yet strong enough for cattle, this fence cannot be equalled anywhere or at any price.

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It will be remembered that Mr. King was for a long time located at Walnut, Ill., where he bred Barred Rocks in high quality, in large numbers for many years. He reduced his flock, saving only his choicest specimens, when he moved to Rockford, Ill. And for the past year he has been stocking up his yards from this carefully selected specimens, and has now built up his flock to the point where he is able to furnish you with eggs, from ten high class matings, which he says in his judgment are the best he ever handled.

Mr. King has established a high-class fanciers' plant, and arranged the same, which according to his many years of experience as a producer of fancy poultry has convinced him was for the best. He is located just north of the city of Rockford, his plant being of easy access on the interurban. Visitors will be welcome at any time. He recently exhibited at the Rockford show, winning first and fourth cock, first and second hen, first pen, silver cup for best mate breeds exhibition cockerels. Special for highly scored pens of parti quality birds in the show. Mr. King is an old advertiser in the A. P. J. His ad is always to be found in our journal.

Lincroft Kennels and Poultry Farm, Red Bank, N. J., make a specialty of breeding Rose Comb Rhode Island Reds, and the proprietor has taken special care in his matings for the past five years, which has resulted in him producing some extra fine breeding birds which are in his pens this season. Their shape, color and laying qualities are unsurpassed. They are ex-

tremely hardy and strong and their eggs hatch good strong chicks. His breeding pens are all headed by prize-winning male birds, and the eggs from these pens are bound to produce prize winners. Write him for prices and particulars, and mention American Poultry Journal.

Can you tell me of any gingham, suitable for dresses for a young lady, that are less expensive than the imported gingham, yet fine and pretty?
M. E. R.

Fine, pretty gingham in exquisite designs and colors are called Simpson-Eddystone Zephyrettes, made by the Eddystone Mfg. Co., Philadelphia, and they are less than half the price of the imported gingham. You should be able to purchase them at any first class dry goods store. If you don't find them write the company and they will advise you of a dealer who does keep them.

Among the Rose Comb Rhode Island Red advertisements will be found that of N. B. Lints, Frankfort, N. Y., R. F. D. 3. Mr. Lints has been a breeder of R. C. R. I. Reds for the past eleven years, on his farm of 70 acres, which contains a large orchard where his birds are allowed free range. He uses the curtain front style of houses, which insures healthy breeding stock. He has also been breeding Rhode Island Whites for three years and speaks very highly of them. Send to him for his circular and mention American Poultry Journal.

Ira Phillips, Oberlin, Ohio, breeder of Columbian Wyandottes, won 1st pen, 1st pullet and 2d cockerel at the late Cleveland show. Look up his ad in this issue and write him for prices and particulars. Mention American Poultry Journal.

Write for An Actual Sample of Page Fence—FREE!

Let us send you an actual sample of Page Woven Wire Fence and our valuable Quarter Centennial Catalog Free. See the real Page Wire! Examine the method of weaving the wonderful Page Knot—the Knot that can't come off! Study the many styles of Page Fence and the Panorama of Pictures showing extreme tests which this splendid fence withstands. Read how, in our great mills and factories, we put elasticity, tensile strength and durability into High-Carbon, Basic Open Hearth Steel Wire. Learn what this means in economy.

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Does away with the use of boards required for netting or ordinary poultry fence. The heaviest stock cannot break through it. Keeps poultry safe from prowling animals. Bottom wires set closely together, safeguarding the smallest chicks. It's the easiest and most economical fence to put up. Has many times the serviceability of ordinary poultry fence and twenty times the life of netting.

The steel from which Page Fence is made is 50 per cent stronger than common Bessemer Wire, and the galvanizing is 50 per cent heavier. Page Fence saves posts, nails, staples and labor, because its stiff, strong, coiled spring, horizontal wires support themselves over a long span. The actual saving is 50 or more posts every 100 rods.

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A Few Extracts From This Big Annual
Free Book Which Indicate the
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Extract From Chapter 1.

This chapter tells in brief form about the success of two Cyphers customers—men who displayed the good judgment to select the best incubators on the world's markets (best by oft-repeated tests) and who now use it exclusively in hatching both quality and quantity.

It tells about the sale last season of 1,024 White Orpington eggs by Kellerstrass Poultry Farm, Kansas City, Mo., to eighty-four customers for \$2,048 cash—straight \$2 per egg—and how the thirty hens that laid these eggs earned for their owner a net profit of \$3,600 in one season.

This is quality!

And every hen in the flock, with but one exception, also three of the choice male birds mated with them, were hatched in Standard Cyphers Incubators.

Extract From Chapter 2.

Forty thousand dollars is a large sum to put into a poultry plant, but Cyphers Incubator Company has expended more than this amount in the purchase and improvement of its fifty-acre poultry farm at Elma Center, a suburb of Buffalo. At Wayland, N. Y., where the factory and home offices of Cyphers Incubator Company were formerly located, the company operated a four-acre plant, but it was far too small for the work the company wished to do in its own behalf and in behalf of its many customers.

On pages 82 to 86 of this catalogue are shown excellent photographic views of the new Cyphers Company Poultry Farm.

Extract From Chapter IV.

During the early spring of 1906 Cyphers Incubator Company began a number of experiments in feeding chicks confined in a brooder house, using the hygienic cradle-back and fresh-air-brooding system. Several pens of chicks were fed in the usual manner four or five times a day; others were fed in deep litter daily, and still others in alfalfa litter eight to ten inches deep, in which enough Cyphers Chick Food had been thoroughly mixed to last one to four weeks. The results were highly instructive and proved to the company's entire satisfaction that the deep-litter method of feeding chicks is not only a great labor saver but also gives the best results.

Extract From Chapter V.

On this and the opposite page are shown amateur photographs (not retouched) of sample quality standard-bred heavy layers as produced on Cyphers Company Poultry Farm. There is not room to spare in this catalogue for a full report of the numerous feeding experiments conducted on the company's farm. Only a few specimens can be shown and a few results given.

Cyphers Company is not doing any special forcing on its farm to achieve sensational egg records at the expense of vigor or vitality. Every egg record here reported was secured in the course of ordinary breeding. The females shown in the pictures were in breeding pens with males throughout the hatching season. Trapping was practiced and the regulation "Cyphers Company Way" of feeding was employed, except in cases where experiments were made with dry ground food fed in hoppers.

The catalogue from which these extracts were taken is free. It consists of 160 pages fully illustrated and is full of information of value to poultry keepers. Write for it today. Address nearest office. Cyphers Incubator Company, Department No. 30, Buffalo, N. Y., Boston, Mass., New York City, Chicago, Ill., Kansas City, Mo., or Oakland, Cal.

The Rocky River Poultry Co., Deerfield, Ill., breeders of the famous Phillips strain of Rose Comb White Leghorns, are advertising with us again this month. Their birds won more prizes at New York and Chicago than those of any other breeder in America, and if you are looking for something extra fine you should write for a copy of their handsome new catalogue and mention American Poultry Journal.

Maplehurst Farm, Geo. M. Benham, Prop., Canandaigua, N. Y., has a very neat mating list which is mailed on application. Drop a postal for it today and mention American Poultry Journal.

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Get your neighbors interested in the American Poultry Journal, have them subscribe through you, and send us their subscriptions. Select any of the following list of books for your time and trouble and same will be sent to you at once.

Subscription prices, United States and Mexico, 50 cents a year; Canada, 75 cents, and foreign, \$1.

MISCELLANEOUS.

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American Standard of Perfection.	1.50
A Living from Poultry.	.25
A Treatise on Food and Egg Production.	1.00
All About Broilers and Market Poultry Generally.	.25
American Fanciers' Poultry Book—Paper, 50c; cloth.	1.00
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Asiatics.	.50
Bantam Fowl.	.50
Belgian Hare Guide.	.25
Belgian Hare Course of Instruction.	4.00
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First Lessons in Poultry Keeping, Series 2.	.50
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Hand Book (contains valuable recipes and trade secrets, feed care and management in health and disease.) (Pocket size).	.15
Handy Egg Record and Poultry Account Book.	.25
How to Grow Chicks (T. F. McGrew), paper, 25c; cloth.	.50
How to Make Poultry Pay (New). (Contains 8 colored illustrations.)	1.00
How to Raise Poultry for Pleasure and Profit.	.25
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999 Questions and Answers (Heck).	.50
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BUFF ROCKS. TWO PENS. Pen No. 1, 15 eggs, \$1.50; 30, \$2.50; 100, \$6. Pen No. 2, 15, \$1; 30, \$1.50; 100, \$5. L. J. Libby, Oelwein, Iowa. 3-3

BARRED PLYMOUTH ROCKS. E. B. Thompson's strain; line bred; 26 eggs, \$1; \$3.50 per 100. Satisfaction guaranteed. Ben Custer, R. 9, Madison, Ind. 3-3

BRADLEY STRAIN BARRED ROCKS, 15 eggs, \$1. Correspondence solicited. Levis Heights Farm, Freedom, Pa. 2-3

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FOUR PENS STANDARD BRED BARRED Plymouth Rocks. Each heads a winner scoring 94 points. Eggs, \$1.50 per 15; \$3.50 per 50. William Smith, Liberty, Ind. 3-3

BARRED PLYMOUTH ROCKS. How does this sound? First and second pullets, third and fourth hen Indianapolis state show, Feb., 1910. Won first pullet, fourth hen at the same show in 1909. At Springfield, O., first and second hen, second cockerel, third pullet, first pen, Jan., 1910, silver cup. At Springfield, O., first pullet, first cockerel, third cock, first pen, 1909, silver cup. Eggs, \$3 for 15. H. W. Barnett, 27 Bushnell Bldg., Springfield, O. 3-3

BARRED ROCKS, BLUE BELL STRAIN. Show winners; none better. Eggs worth \$5 at \$1.50 per 15; also fox terrier pups. T. H. Kaldenberg, Pella, Iowa. 3-2

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WORLD'S BEST WHITE ROCKS. Booking orders for eggs, \$2 per 15. Dr. J. W. Kistner, Berrien Springs, Mich. 2-3

WHITE PLYMOUTH ROCKS. Eggs for sale from select stock, bred for color and weight, \$5.00 per 100; \$1.25 per 15. For further information write C. F. Long, Waggoner, Ill. 2-3

BUFF ROCK. Winners of every prize at Ohio State Fair, and I offer you eggs from these winners at \$3.00 per 15 and guarantee ten chicks. No stock for sale. E. H. Lantz, Trimble, Ohio. 1-3

WHITE PLYMOUTH ROCKS—Scoring 93 to 96. 200 young stock for sale. Eggs in season. Write for circular and prices. Rev. J. B. Brown, Chenoa, Ill. 1-3

25 BUFF ROCK cockerels and pullets for sale, \$2 to \$5 each, from first-class stock, all good specimens. Send me a postal for full information. M. A. Bartlett, 500 Lincoln Ave., Canton, O. 1-3

FOR SALE—FIFTY BARRED ROCK hens, cockerels and pullets. Thompson's & Bradley's strains. Write. B. R. Rhodes, Port Jervis, N. Y. 12-4

WHITE ROCKS—Tolman and Owen Farm strains. Setting, \$1; \$5 the hundred. Locust-croft, Rehoboth, Mass. 1-3

HAWKINS AND THOMPSONS, Boston and New York prize-winning Barred Rocks. Eggs, pen No. 1, \$2 per 15; pen No. 2, \$1 per 15. H. F. Davis, 2712 Pine, St. Louis, Mo. 1-5

100 WELL DEVELOPED B. R. Cockerels. \$2 years with this variety and never a complaint from customers. Birds worth from \$2 up. State what you want, send the amount you wish to invest and I will deliver the goods subject to approval. Mrs. S. E. Washburn, Hillsboro, Ill. 1-3

"RINGLET" WINNER LAYERS at one-sixth of eastern prices. Choice breeding pens from \$12 to \$25, both lines. Exhibition and pullet breeding cockerels from \$4 to \$10. Utility cockerels from heavy layers, egg producers, at \$3 and \$4. On approval. Money back if not satisfied. Eggs, \$3 per 15. Standard Poultry Yards, Coal City, Ill. 1-4

BRED TO LAY. BARRED ROCKS eggs that seldom run less than 90% fertile from healthy stock on free range. \$1.50 per 15; \$4 per 45; \$6 per 100; cockerels, \$2 each. H. W. Taylor, Route 7, Berlin, Md. 1-3

"RINGLET" BARRED ROCK HENS and Cockerels, \$2 to \$5. Geo. W. Swesey, Rockland, O. 1-3

WHITE ROCKS, THE RIGHT KIND and right price. Stock and eggs, Fishel strain direct, farm range. Tucker's White Poultry Farm, Ligonier, Ind. 1-4

COONS' BARRED ROCKS EXCLUSIVELY—Winning and laying strain. A few choice cockerels. Cheap eggs. \$2 per 15; \$5 per 50. Fredrick Coons, Catskill Station, N. Y. 1-3

WHITE ROCKS. FISHEL BEST—Show birds of quality. Eggs and baby chicks at reasonable prices. Satisfactory guarantee. Booklet free. B. C. Thompson, Elmira, N. Y. 1-3

WHITE ROCKS ONLY. Type and quality. Photos free to all interested. Fine cockerels and eggs for sale. F. P. Klotz, Neffs, Pa. 12-4

BARRED AND WHITE PLYMOUTH Rocks, Bradley and Fishel strains. Embden Geese, first prize winners at leading shows. Special sale on cockerels, \$2.00 and up. Wm. H. Fathauer, Moweaqua, Ill. 10-09-Smos.

KLONDIKES.

KLONDIKE! PLUFFS! New breed of all-purpose fowls, good winter layers, feathers useful, splendid table bird, cannot fly. Circular free. Wm. R. Black, Bolivar, Ohio. 3-3

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburg, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr. 3-3

SILVER LACED WYANDOTTES—First cockerel; 1st and 2d pullet at the Iowa State Fair, 1909. In pen, 1 hen, 94 points, by Judge Holden; 2 pullets, 93%; 2 pullets, 93½; 1 pullet, 93½; and one pullet, 93, by Judge Ellison. Eggs, \$2 per 13. James W. Adams, Webster City, Ia. 3-3

WHITE WYANDOTTES, exclusively; fine stock; eggs, \$2. C. E. Ewell, Milan, O. 3-3

WHITE WYANDOTTES—Winner of silver cup at Decatur, Ill., 1910. Incubator eggs, \$5 per 100. Special matings, \$3 per setting. Mrs. John A. Record, R. R. 2, Decatur, Ill. 3-3

PRIZE WINNING COLUMBIAN Wyandottes at this year's Cleveland show—1st cock, 1st and 4th cockerel and pullet from Chicago, Columbus and Cleveland former winners. I can take care of a high class egg trade and am booking orders. High class stock for sale. C. A. Hamilton, R. F. D. 1, Plymouth, O. 3-4

WHITE WYANDOTTES—Perfect in shape and color; Duston strain; score, 93 to 96½. Line Bred; 11 years. Eggs, \$1.50 and \$2; cockerels, \$3. Satisfaction guaranteed. Chas. F. Thomas, Galveston, Ind. 3-3

WHITE WYANDOTTES—EGGS from good stock, \$2 and \$3 setting. Fairview Poultry Farm, Box 15, Station D, Baltimore, Md. 3-3

COLUMBIAN WYANDOTTES (Originator Eureka strain). Pay trifle more and get best there is. Choice eggs, \$2, \$3, \$5 per 15. Reduction on larger lots if wanted. A. Sherman, Chicopee Falls, Mass. 3-3

\$1 PER SETTING for Columbian Wyandotte eggs from prize winners. Write for photos. H. G. Schoening, Dayton, O. 3-3

PEERLESS WHITE WYANDOTTES—Get only the best eggs from pen of Standard bred, stay white, heavy laying strain, \$2 per 15, \$3.50 per 30. W. J. Stange, Park Ridge, Ill. 2-3

VERGEROUT'S WHITE WYANDOTTES—Trios, \$4. Eggs, \$1.75. Best pen, \$2.50. H. R. Vergerout, Montfort, Wis. 3-3

WHITE WYANDOTTES exclusively. Seventh year. Farm range. Eggs, 75c per 15, \$4 per 100. Mrs. O. Parmeter, Concord, Mich. 3-3

DUSTON WHITE WYANDOTTES exclusively. Pen headed by son Madison Square cock, with 210 and over egg hens. Snow white. Mating list. H. C. Daugherty, Anderson, Ind. 3-3

SILVER LACED AND WHITE WYANDOTTES—Kansas City winners. Fine stock for sale. Prices right. A. & E. Genser, Gilliam, Mo., Box 571. 2-3

WHITE WYANDOTTES. Pen scoring from 93 to 95½. Helmlich eggs and stock for sale. Raymond Falter, Janesville, Wis. 3-3

I AM CLOSING OUT my entire stock of White Wyandotte hens, pullets and cockerels at \$1 each. If you are not more than satisfied return them and get your money. 50 birds to any one party, \$45. C. E. Smoke, Stockton, Minn. 3-1

WHITE WYANDOTTES—Fishel utility hens mated with Duston strain cockerels. Hardy, early maturing, early laying, vigorous fertility. Eggs \$2.50. Stock for sale. Mrs. Fred Meyer, 1738 N. Rockwell St., Chicago, Ill. 2-3

COLUMBIAN WYANDOTTES—At Chicago, December, 1909. I won 1st, 2d cock, 4th hen. Eggs, \$5 and \$3. H. M. Jordan, Box Z, Hicksville, O. 1-3

WHITE WYANDOTTES—Good layers; eggs, \$1.50 per 15; \$2.50 per 30. Frank C. Pietsch, R. 4, Bloomington, Ill. 3-3

SILVER LACED WYANDOTTES, 2d and 4th pullet on 2 entries Indianapolis show. Eggs, \$2 per 15. Clyde Williams, Parker, Ind. 3-3

PARTRIDGE WYANDOTTES—Eggs for hatching, 15, \$2; 30, \$3. John W. Seyfer, Mt. Pleasant, Ill. 3-3

EGGS FROM 91 to 94 point Silver Laced Wyandottes, bred to win and lay. Matthew O'Connell, Geneseo, Ill. 3-1

PARTRIDGE WYANDOTTES exclusively. Eggs, \$2 and \$2.50 per 15. Leslie Kingsbury, Ponca, Neb. 3-1

"BROOKSIDE" WHITE WYANDOTTE eggs will furnish you with stock for next winter's shows. Lots of 95½ birds in our breeding yards. None below 94. Have won red and blue in every show entered past five years. Pens headed by superb males; fertility guaranteed. \$2.50 setting; two, \$4. Chas. Phillips, Salem, O. 3-1

SILVER LACED WYANDOTTES—Winter layers, 15 eggs, \$1.25. James Roberts, New Windsor, Ill. 3-3

BUFF WYANDOTTES exclusively. Eggs from fine stock, \$1 per 15. Earl B. Morris, Signal, Ohio. 3-3

WHITE WYANDOTTES bred from great laying strain and prize winning stock, having unlimited range; that means good, strong chicks. Eggs, \$1.50 per 15, \$5 per 100. Choice stock and White Holland toms for sale. All eggs guaranteed fresh, with good shape and shell. H. W. Anderson, Stewartstown, Pa. 3-3

WHITE WYANDOTTES—Buy direct from the originator of the famous Wonder Strain. Same old guarantee, your money back if not perfectly satisfied. Eggs from birds that have won this winter, and former shows. Per 15, \$3.00. Pen No. 2, \$2, including 4 eggs from pen No. 1. L. B. McDonald, 425 Catherine St., Springfield, Ohio. 3-3

SILVER LACED WYANDOTTES—Eggs for hatching, \$2 per 15, from an elegant mating, selected from the great winning Silver King & Samson strains. J. M. Holt, Marshalltown, Iowa. 3-3

COLUMBIAN WYANDOTTES. Large, healthy, fine layers and show birds. Eggs and stock at moderate prices. Ill. circular. Willows Poultry Yards, R. F. D. 2, Long Beach, Cal. 3-3

WM. FICK, BREEDER OF Prize Winning White Wyandottes. Stock and eggs for sale in season. Grant Park, Ill. 3-2

SNOW-WHITE WYANDOTTES, with red eyes and yellow legs. Carry blood of 200 to 272 egg ancestry. Good size. They lay and win. Eggs, \$2 per 15; \$5 per 100. Calvin Norman, R. 2, Dexter, Mo. 3-3

WHITE WYANDOTTE eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

COLUMBIAN WYANDOTTES of quality. Eggs, \$2 per 15. B. McBride, 615 Sheridan Ave., East Liverpool, Ohio. 3-3

PARTRIDGE WYANDOTTES—Sixty-six ribbons and specials at eight leading shows. Two shows, each with over ninety-five entries competing in class. Three silver cups. Three firsts. Three National Partridge Wyandotte Club ribbons, and the Buffalo Gold-Special at Buffalo International. Fifteen prizes, Guelph, Canada's greatest show, with nearly five thousand entries. Mating list ready, sent on application. Frank Glass, London, Canada. 3-3

FINEST STRAINS GOLD AND SILVER Wyandottes. None better. Winners. One choice pen of each, limited number of eggs, \$2 for 13. A few good pullets for sale. J. H. Lowry, Hedgelawn Farm, Smithfield, O. 3-3

CHOICE SILVER WYANDOTTES, reasonable. Eggs from Springfield, Atlanta and St. Louis winners, \$1.50 per 15, \$7 per 100. Mrs. Louise Schroeder, Chestnut, Ill. 3-1

WHITE WYANDOTTES, DUSTON STRAIN, from prize winners; none better. 15 eggs, \$1.25; 30, \$2. Wm. Schreck, Waterloo, N. Y. 3-1

BLACK WYANDOTTES—New York winners. F. C. Wilbert, Madison Square, Grand Rapids, Mich. 3-1

SILVER LACED WYANDOTTES—Three hens for \$7, as I am moving. I bought hens of Mr. Steinmesch. Chas. Prescott, Bowling Green, Mo. 3-1

MY STRAIN OF COLUMBIAN Wyandottes are built from two greatest strains in the United States. Eggs, \$2.50 per 15; \$4 per 30. A few choice cockerels left. Write me. R. Vandervort, Keyesport, Ill. 3-3

PARTRIDGE WYANDOTTE eggs, \$1.50 for 13; \$3 for 30. John Burkhardt, Orland, Ill. 3-3

BUFFS ONLY. Eggs from standard bred and scored stock, \$1.50 per 15. Vigor and fertility our special care. Willis Brown, Slippery Rock, Pa. 3-3

SILVER LACED WYANDOTTES exclusively. 15th year. Prize winners. Farm raised stock. Eggs from exhibition matings, \$2 per 15; \$3.50 per 30. Satisfaction guaranteed. A. D. Long, Blooming Glen, Pa. 3-3

PRIZE WINNING BUFF Wyandottes, Stock and eggs. Reasonable. E. W. Sittler, Pittsfield, Ill. 3-3

COLUMBIAN WYANDOTTES. A R N O L D STRAIN direct. Well striped, fine combs, Wyandotte shape. Eggs, \$2 per 15; \$3 for 30. F. H. Yarnall, Pottstown, Pa. 3-3

BUFF WYANDOTTE EGGS, \$2 per setting of 15 from show stock. P. M. Klinefelter, Morrisonville, Ill. 3-3

BUFF WYANDOTTES—Good shape and color; heavy laying strain. Eggs from four fine pens. \$2.00 per 15; \$10 per 100. William Schott, Holyoke, Mass. 3-4

WHITE WYANDOTTES. Duston strain. Extra fine, blue ribbon winners at St. Louis, Decatur, Albany and Sheridan. Score, 95½. Circular. 15 eggs, \$1; 50, \$3; 100, \$5. Herbert F. Smith, R. 8, Bluffton, Ind. 3-3

WHITE WYANDOTTE EGGS for hatching from blue ribbon winners, scoring to 96¼. (Judge Helmlich.) Write for mating list and prices. Satisfaction guaranteed. Wm. S. Mapes, R. 3, El Dorado, Ill. 3-3

PRIZE WINNERS—Partridge Wyandottes. Stock and eggs for sale. Eggs, \$3 per 15. G. A. Roberts Warren, Ind. 3-1

WHITE WYANDOTTE EGGS—Good stock, \$5 per 100, March; later, \$4.50. Russell Simpson, Palmer, Ill. 3-3

SILVER LACED WYANDOTTES exclusively. Pure bred and good layers. Eggs, \$1.50 per 15. Mrs. Julia Martin, Marshfield, Mo. 3-3

SILVER WYANDOTTES exclusively. Cleveland winners. Just a few fine cockerels left. Satisfaction guaranteed. Eggs, \$2. G. F. Stewart, Coshocton, O. 3-3

COLUMBIAN WYANDOTTES exclusively. Large, standard, blocky, vigorous birds; fine markings; direct from noted breeders. Eggs, \$1, 15; \$3, 50. Columbian Wyandotte Yards, Poneto, Ind. 3-3

PARTRIDGE WYANDOTTES Cockerels, \$2; pullets, \$1; eggs, \$3. J. A. Bridges, Evansville, Ind. 2-3

PARTRIDGE WYANDOTTES. My sale of birds bred from Western Poultry Fanciers' Association, Cedar Rapids, Iowa. Remaining birds at special prices. Mrs. Ada Smith, Elsberry, Mo. 2-3

GOLDEN WYANDOTTES—My Goldenes have won for me at Missouri State, Kansas City and Clinton, Ia., shows. Eggs for sale. Write John Tuttle, Princeton, Mo. 2-4

BUFF WYANDOTTES EXCLUSIVELY. Winners at Minneapolis, Milwaukee, Oshkosh, La Crosse, Marshfield and Stevens Point. Birds scoring up to 95. No stock for sale now. Eggs in season. Gladys Poultry Yards, Stevens Point, Wis. 2-3

WHITE WYANDOTTES EXCLUSIVELY. Eggs and stock for sale. Eggs from 2 pens. Pen No. 1, score 94 and over; pen No. 2, 92 to 94. Prices reasonable. Wm. I. Blake, Kewanee, Ill. 2-3

COLUMBIAN WYANDOTTES—A few select birds left. Stock and eggs at one-half price until everything is sold. Earl Cook, Munnsville, N. Y. 2-3

WHITE WYANDOTTES EXCLUSIVELY—Duston, large, blocky, farm range. Eggs, 15, \$1.25; 30, \$2; 50, \$3; 100, \$5. Wm. Galbraith, Route 12, Chambersburg, Pa. 2-4

GOLDEN AND SILVER Wyandottes. Eggs from prize winning stock. \$1 per 13. Satisfaction guaranteed. C. E. Hathaway, Barnes, Pa. 2-3

SILVER LACED AND WHITE WYANDOTTES—Kansas City winners. Fine stock for sale. Prices right. A. & E. Genser, Gilliam, Mo., Box 531. 2-2

BUFF WYANDOTTES EXCLUSIVELY. Nothing better for beauty or utility. Choice cockerels, \$1.50 and \$2; fine trios, properly mated, \$5. Bred from prize winners. Piser strain. Eggs \$2 setting. J. Acocks, Arcadia, O. 2-3

SILVER LACED WYANDOTTES, cockerels. 15 eggs \$1.50 after May 1. C. R. Richmond, Dunlap, Ill. 2-3

BLACK WYANDOTTES—Boston, New York, Chicago, Cleveland winners. Splendid layers. Eggs \$3 and \$5 per 15. Howard Grant, Marshall, Mich., Box C. 2-4

WHITE WYANDOTTES, Mapleside strain. Eggs, 15 for \$1.50, 50 for \$4. Chicks, 10 to 50, 20c each; 50 or more, 15c each. Satisfaction guaranteed. Brookside Poultry Farm, Chambersburg, Pa., R. D. 1. 2-3

COLUMBIAN WYANDOTTES—In the big Boston Show, January, 1910, we got 4th pen, 22 pens competing. Come to us for the real article. O. F. Black & Son, Jefferson St., Newton, Mass. 2-3

COLUMBIAN WYANDOTTES OF HIGH GRADE. Beauty and utility combined. Few breeders for sale. Eggs from carefully selected matings that will produce beautiful and profitable chicks. \$2 per 13. Geo. H. Damon, Reading, Mass. 2-3

BUFF WYANDOTTES—A few late pullets at \$2.50 each. Egg orders booked now, \$1.50, \$2.50 and \$5 per setting. Robt. Kundert, Monroe, Wis. 2-4

WHITE WYANDOTTES EXCLUSIVELY 9 years. Duston strain direct, standard weight, shape and color, heavy layers, scoring to 96, cup winners. Eggs, \$1 15, \$3 50, \$5 100. Frank Hardwidge, Poneto, Ind. 2-3

WYANDOTTES.

WHITE WYANDOTTES, heavy layers, winners. Eggs, 15 \$1. Rev. Charles Powell, Marion Center, Pa. 2-3

PARTRIDGE WYANDOTTES—Eggs \$1 for 15. Circular free, giving show score. Wm. Shreve, Uhrichsville, O. 2-3

SILVER WYANDOTTES—Winners for ten years under Hewes, Russell, Heimlich, Butterfield, Rhodes at St. Louis, East St. Louis, Belleville. Red bred. Catalog. Eggs, \$2 for 13. R. P. Briegel, Columbia, Ill. 2-3

WHITE WYANDOTTES, the very best, pure white, good eyes and combs, great layers. Eggs, pen, \$2 per 15; range, \$1 per 15. Mrs. O. E. Harmon, Liberal, Mo. 2-3

COLUMBIAN WYANDOTTES—If you want good ones, we have them. Won 4 firsts, 2 seconds on 6 entries. We guarantee satisfaction. Eggs \$1.50 per 15. Welsh & Son, Greencastle, Pa. 2-3

EGGS FROM PRIZE WINNING Buff, Partridge and Columbian Wyandottes. Cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

SILVER LACED WYANDOTTES—Two firsts, one third on three entries at Great Rochester, 1909. Few choice cockerels. Eggs in season. Write for prices. Club member. Twin Bros. Poultry Yards, Geo. W. Spence, Prop., Tully, N. Y. 1-3

"MY BUFF WYANDOTTES have an unbroken record as winners of the Blue and Specials. Stock and eggs." Rev. Henry Janes, Kent, Ohio. 1-3

HOLCOMB'S COLUMBIAN WYANDOTTES, winners at Boston, Hamburg (N. Y.), Bradford, Titusville, and Warren (Pa.). Stock for sale; bred from the above winners. Eggs, \$2.00 to \$3.00. Dr. F. B. Holcomb, Cherry Creek, N. Y. 2-3

WHITE WYANDOTTES. Exclusively. 18 years. Prices right. Ed Hippert, Kewanee, Ill. Box C. 78. 1-3

BUFF WYANDOTTE Cockerels for sale. Very choice. Claus Highstreet, Lennox, So. Dak. 1-3

PARTRIDGE WYANDOTTES. Winners at Iowa state, Des Moines, Iowa Falls. Circular. H. Townsend, Albia, Iowa. 1-4

BUFF WYANDOTTES EXCLUSIVELY—Winners wherever shown. Eggs from 4 fine pens, \$2 per 15 or \$3 per 30. M. G. Wells & Son, Sellersburg, Ind. 1-3

SILVER LACED WYANDOTTE SPECIALIST. Won over 100 regular and special prizes since 1904. Choice birds from our 1909 silver cup winners. Prices right and satisfaction guaranteed. Address Heifrich Bros., Hammond, Ill. 1-3

BUFF WYANDOTTES EXCLUSIVELY. A few fine cockerels for sale. Earl B. Morris, Signal, O. 1-3

ATTENTION—COLUMBIAN WYANDOTTES. Write us for stock and eggs. As good as the best are found in our yards. Satisfaction guaranteed. Maple Grove Poultry Yards, Machias Junction, N. Y. 1-3

PARTRIDGE WYANDOTTES—Breeding pens contain only high scoring birds. Eggs, \$3 per 15. Elegantly shaped cockerels and yearling hens from \$2 to \$10 each. Dr. W. W. Moorehead, Alledo, Ill. 1-3

WHITE WYANDOTTES—Large pure white, blocky birds, bred for beauty and business. Heavy laying strain. Have won wherever shown. Prices and circular on application. Wm. A. Peterson, Galesburg, Ill. 1-3

SILVER LACED WYANDOTTES—Unexcelled layers. Winners New York State Fair, Buffalo, Rochester, Auburn, Johnstown, Waterloo, Batavia. Le Roy Seigfried, Waterloo, N. Y. 1-3

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-11

LEGHORNS.

SELECT STRAIN S. C. Brown Leghorns—Eggs, \$1 per 15; \$15 per 100. John Pearcy, Martinsville, Ind. 3-3

SINGLE COMB WHITE LEGHORNS, White Chinese Geese and Indian Runner Ducks. Eggs for hatching. Write for free circular. W. M. Sawyer, Box A, Lancaster, Mo. 3-3

BEAUTIFUL ROSE COMB Buff Leghorns. Wonderful layers. Eggs, 15, \$1.50. W. D. McNaughton, Tompkins, Pa. 3-3

20 EGGS, \$1; 100, \$3.50. Rose Comb Brown Leghorn. 20th Century egg machine; farm raised. Vigorous stock. A. C. Bugbee, Fowler, Ind. 3-3

EXCEPTIONAL BARGAINS.—We have several hundred late hatched S. C. White Leghorn pullets which will be in fine laying condition some time in March. Also a splendid lot of cockerels which we will mate or sell singly. All birds are from our own high class pure line bred stock. We make the very low price of \$2 each while they last. J. Ringwalt, Lakeholm Farms, Mt. Vernon, O. 3-1

SINGLE COMB BROWN LEGHORN, Wittman, the great laying strain, second to none in egg production. Eggs from select birds, 15, \$1; 50, \$2.75; 100, \$4.50. Mrs. Rosa Simpson, Palmer, Ill. 3-3

ROSE COMB BROWN LEGHORNS—Kulp's 242-egg strain. Prize-winners. Bred for size, quality, and egg-production. Eggs, 15, \$1; 100, \$5. R. H. DeVault, Bloomfield, Ia. 3-3

CRONENWETT BROWN LEGHORNS are silver cup winners at Butler, Feb., 1910, won 1-2-3-4-5-6 hen, 2-5 pullet, 2 cock, 2 cockerel, 1 pen. Silver cup for best display, also 4 specials. Eggs from 4 grand matings, \$2.50 per 15. C. P. E. Cronenwett, Butler, Pa. 3-3

LEGHORNS—ROSE COMB White and Brown. Eggs, \$1.50 per 15. John Johnson, Calhoun, Mo. 3-3

BLANCHARD'S WYCKOFF SINGLE COMB White Leghorns, 20 eggs, \$1; 100, \$3.50; fertility guaranteed. Circular. W. Albers, Lombard, Ill. 3-3

5 CENTS AN EGG—Single Comb Brown Leghorns. Males used are from first prize Chicago winners. O. L. Judson, Galesburg, Ill. 3-3

ROSE COMB WHITE LEGHORNS—Eggs from first prize winners at Missouri State Show, 1909, and Illinois State Show, 1910. Circular. Edward L. Beach, 645 Sixth, Lincoln, Ill. 3-3

ROSE COMB WHITE LEGHORN eggs, \$1.50 per 15. Kulp's strain; good winter layers. B. L. Searle, Margaretville, N. Y. 3-3

BUFF LEGHORNS—Forty cockerels at \$3, bred from my Madison Square winners. B. S. Beuerlein, Mt. Morris, N. Y. 3-3

YOUNG'S STRAIN OF SINGLE COMB White Leghorns. Eggs from prize winning stock, \$1.50 per 15. Maple Grove Farm, R. 9, Decatur, Ill. 3-1

S. C. BROWN LEGHORNS—Baby chicks, \$10 per 100 eggs by setting. Circular free. H. M. Moyer, R. 2, Bechtelsville, Pa. 3-3

LEGHORNS—SINGLE COMB, BROWN or Black. Choice stock; eggs, \$1 per 15. Eggs guaranteed fertile. James Riegel, Enola, Pa. 3-1

SINGLE COMB WHITE LEGHORNS. Young strain. Prize winners. Eggs, 13, \$1; 30, \$2; 100, \$4. Baby chicks, 50, \$5.50; 100, \$10. No stock. W. H. McCormick, R. C64, Ransom, Ill. 3-3

ROSE COMB BUFFS. Eggs, from standard bred and scored stock, \$1.50 per 15. We won everything in this class at Butler, Pa., show. Willis Brown, Slippery Rock, Pa. 3-3

SINGLE COMB BROWN LEGHORNS, 26 eggs, \$1, except one pen headed by a cockerel of Wiebke's prize winning strain from this pen—20 eggs, \$3. Martin Lepere, Gerald, Mo. 3-3

S. C. W. LEGHORN—Won at Illinois National Poultry show, Newton, Ill., 1st cock, 1st hen, 2d and 3d pullet, and 1st pen. Catalogue free. Richland Farm, Parkersburg, Ill. 3-3

SINGLE COMB BROWN LEGHORN EGGS, \$1.50 per setting; 2 settings, \$2.50. Satisfaction guaranteed. L. P. Selle, Harvell, Ill. 3-3

SINGLE COMB WHITE LEGHORNS of a trap-nested, heavy laying strain. Baby chicks, \$12 per 100; eggs for hatching, \$1 and \$1.50 per setting; \$6 per 100. Mating list free. Mizpah Leghorn Farm, Box 68, Mizpah, N. J. 3-2

SINGLE COMB WHITE LEGHORNS. Young's and Wyckoff's strains. Eggs, \$1 15; \$5 100. W. H. Heitkamp, New Bremen, Ohio. 3-2

MY SINGLE COMB BROWN LEGHORNS are bred for heavy laying as well as for exhibition. 24 years' experience. Wittman's strain. 50 eggs, \$2; 100, \$3.50. J. L. Forney, Birds Run, O. 3-3

ROSE COMB BROWN LEGHORNS — Eggs from winners \$1 and \$2 for 15; 100, \$5. F. L. Dadisman, Independence, W. Va. 3-3

SILVER DUCKWING LEGHORNS—Eggs reasonable, from Chicago, Kansas City, Minneapolis winners. Albert Pringnitz, Naperville, Ill. 3-3

BUFF LEGHORNS—Madison Square Garden winners. Elwood Roberts, Chester, N. Y. 3-1

SINGLE COMB WHITE LEGHORNS exclusively. In my strain you will find both quality and production; eggs, \$1 per 15; \$1.75 for 30. Correspondence invited. Address John Hy. Bartram, Walden, N. Y. 8-3

SINGLE COMB BUFF LEGHORN eggs from prize winners. Send for our free mating list. It tells all about our prices of eggs and show record; also choice cockerels for sale. Westview Poultry Yards, Box A, Machias, N. Y. 3-3

S. C. WHITE LEGHORN Baby Chicks. From choice bred-to-lay stock, \$12 per 100. Safe delivery guaranteed. Write for free circular. Harry F. Palmer, Middleport, N. Y. 3-3

PURE R. C. BROWN LEGHORNS exclusively. Eggs for hatching, 15, \$1.25; 105, \$5. No stale eggs shipped. B. D. Runyon, Golden Rule Farm, Fillmore, Ill. 3-3

PEDIGREED S. C. BUFF LEGHORN eggs from hens with records between 219-267, mated to son 250 record hen. Great laying and show points combined. Dr. Loren Heasley, Dorr, Mich. 3-3

S. C. BROWN LEGHORN Cockerels and pullets bred from high scoring birds, \$2 and \$4. Some fine breeders, \$1 and \$2. Eggs, 15, \$1; 100, \$5. M. Franke, Jeffersonville, Ind. 2-2

ROSE COMB BROWN LEGHORNS. Fine bunch of cockerels at a bargain. High class, stylish and a wonderful egg-producing strain. Golden Rule Poultry Farm, Clarinda, Ia. 3-1

ROSE COMB WHITE LEGHORN cockerels. A splendid lot at a bargain. Fine, stylish form, a wonderful egg strain. Golden Rule Poultry Farm, Clarinda, Ia. 3-1

BUFF LEGHORNS—EGG MACHINES. Money makers. Beautiful, stylish birds. Bred to lay eggs. Be friendly. Write me today. Mrs. A. Berry, Clarinda, Ia. 3-1

S. C. WHITE LEGHORNS—Great layers. Sure winners. Write. Hillside Poultry Farm, Council Bluffs, Ia. 3-3

WYCKOFF STRAIN WHITE LEGHORNS exclusively. Special matings with cockerels no akin. Eggs 4c each, 90 per cent fertility guaranteed. Chicks \$9 hundred prepaid. Booking orders now. Ohio Valley Hatchery, Ramsey, Ind. 2-3

ROSE COMB BUFF LEGHORNS—Eggs, \$1.50 for 15; cockerels for sale. Famo Poultry Ranch, Alden, Minn. 3-3

SINGLE COMB BROWN LEGHORN—Eggs. Birds scoring 91 to 93, both matings. Silver cup and blue ribbon winners. Charlie Hultman, Andover, Ill. 3-1

SINGLE COMB BUFF LEGHORN eggs, 13, \$1; \$5 per 100. Safe delivery, good hatch, card free. John Ahrends, Sunman, Ind. 3-3

S. C. BROWN LEGHORNS. Eggs from large vigorous birds. Great layers. Will refund money if not satisfied. \$1.50 for 15. Chas. C. Taragher, Lorain, O. 3-3

SINGLE COMB BROWN LEGHORNS—Eggs from some of the best matings I ever owned. Send for mating list and see for yourself. Have a few pullets and hens yet for sale. A. F. Lehman, Toulon, Ill. 3-2

SINGLE COMB WHITE LEGHORNS bred to lay strain of vigorous beauties. Eggs, \$1 per 15; \$2 per 35; \$3 per 55. Infertile eggs will be tested out. This means every egg you get from me will be hatchable. No guess work here. Good size light boxes and cork packing will be used in shipping. This furnishes cushion and even temperature. D. P. Crowley, Lock Haven, Pa. 3-1

YOUNG STRAIN SINGLE COMB WHITE LEGHORNS—Winners at Cleveland, Johnstown, Schenectady, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 2-3

BLACK LEGHORNS of quality. The kind with the golden yellow legs. I have one of the heaviest laying strains in America. Eggs, \$3 and \$2 per 15. R. G. Fluker, Warsaw, N. Y. 3-4

S. C. BROWN LEGHORNS—Incubator eggs a specialty; pure bred; males, Bright strain; \$6 per 100; \$50 per 1000. Leghorn Farms, Box B, North Adams, Mich. 3-3

S. C. BROWN LEGHORN eggs from prize winners. Best pen, \$1.50 per 15; other pen, \$1 per 15. O. Stebbins, Bad Axe, Mich. 3-3

SINGLE COMB BROWN LEGHORNS exclusively. Eggs from farm-raised, free range fowls; great layers, 15 for \$1; 50, \$3; 100, \$5. Will Brandt, Eaton, Ind. 3-3

SINGLE COMB BROWN LEGHORNS—Winners Lincoln and Decatur shows. Mating circular. Adolph Dietrich, Lincoln, Ill. 3-3

SUNNYSIDE STRAIN S. C. BLACK Leghorns. Bred 20 years. Utility and beauty. High scores. Sunnyside Farm, Hawley, Mass. 3-3

ONE AND TWO DOLLARS setting; 6 varieties Leghorns; \$4 hundred. Circular free. Co-operative Poultry Company, Lewistown, Ill. 3-1

LEGHORNS.

PURE BRED SINGLE COMB WHITE Leghorns. Now setting. Heavy laying strain. Range chickens. Eggs, 15, \$1; 100, \$5. Mrs. M. V. Brown, Montrose, Mo. 3-1

GODFREY BENSON, Springfield, Ill. S. C. White Leghorn eggs, \$1 setting. 3-2

SINGLE COMB WHITE LEGHORNS—Eggs, from high scoring birds, \$1 for 15. William Vercler, Chenoa, Ill. 3-3

EGGS FROM THE FINEST S. C. BROWN Leghorns at \$1.50 per 15. Wm. Huber, Hinsdale, Ill. 3-3

SINGLE COMB WHITE LEGHORNS. Am one of the largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Eggs, \$7 for 100; 50 for \$4; 15 for \$1.50. Day-old chicks. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minn. 3-3

ROSE COMB WHITE, BUFF, BROWN Leghorn eggs and cockerels for sale (no buff cockerels). Lynus Macomber, Gaylord, Mich. 3-3

SINGLE COMB BROWN Leghorns—Big laying strain. Eggs for hatching, \$1.50 for 15. Industry Poultry Yard, C. E. Brown, Prop., Powhatan Point, Ohio. 3-3

STATE CUP AND FOUR FIRSTS on Single Comb Brown Leghorns; 2d pullet, 3d pen at Cleveland. F. Starr, Newton Falls, Ohio. 12-5

S. C. B. Leghorns. Eggs, \$1.50 per 15. John Peacock, Jr., Morris, Ill. 3-3

GUFFY'S S. C. WHITE LEGHORNS are layers. Eggs, \$1 setting. Mrs. Julius Guffy, Webb City, Mo. 3-3

BLANCHARD - WYCKOFF SINGLE COMB WHITE LEGHORNS. Strains separate. No breed or strain equals these as heavy layers. Finest breeders, layers; show birds; on approval. Day-old chicks, any number, any distance, guaranteed. Hatching eggs, any number, from choice selected stock, my specialty. Carefully packed against cold, breakage. Guaranteed 80-95 per cent fertile. Fifteen years' experience. Reference: First National Bank. Circulars. C. N. Reynolds, Canton, Pa. 3-3

ROSE COMB WHITE LEGHORNS—Won 3 firsts and 2 seconds on 5 entries at Minneapolis, 1910. Stock and eggs for sale. Emil Aker, Marshall, Minn. 3-3

ROSE COMB BROWN LEGHORNS, laying at 4½ months old. Ten firsts at Chicago shows. Eggs \$1.50 15. Fred Alger, Waukau, Wis. 2-3

ROSE COMB BROWN LEGHORNS exclusively. I have raised them for 20 years. I have Kulp strain. Eggs, \$1 per 15, \$4 per 100. Geo. F. Hoffman, Cuba, Wis. 2-3

ROSE, BROOK STRAIN S. C. WHITE LEGHORNS. Most Leghorn, least money. 14 first, 3 second, 1 fifth on 18 entries. Elaborate catalog telling you about our 278-acre farm and methods free. Worth \$1. Send today. Rose Brook Farm, Shawano, Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred to lay strain. Eggs from large, vigorous, farm raised, Standard bred stock, \$1 to \$2 for 20. Write Maple Leaf Poultry Yards, Tunnel City Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred for size, eggs and to win. Special prize matings. 15 eggs, \$1; 50, \$2.50; 100, \$4. Mrs. John Dietrich, Borden, Ind. 2-4

WINNERS—ROSE COMB WHITE LEGHORNS. Lew Nelson, R. 3, Britt, Ia. 2-6

S. C. BUFF LEGHORNS exclusively. Three excellent matings. Eggs \$1, \$2 and \$3 per 13; 8 chicks guaranteed. Colgan Poultry Farm, R. 8, Defiance, O. 2-3

ROSE COMB BUFF LEGHORNS, the Golden Buffs. Eggs \$1.50 per 15. L. E. Knapp, Westfield, Pa. 2-3

WYCKOFF-RICE S. C. WHITE LEGHORN layers. 15 eggs, \$1; 30, \$1.75; 50, \$2.75; 100, \$5. Charles E. Eaton, 914 E. Harris St., Sullivan, Ind. 2-3

S. C. BROWN LEGHORN cockerels and pullets bred from high scoring birds, \$2 and \$4. Some fine breeders, \$1 and \$2. M. Franke, Jeffersonville, Ind. 1-3

SINGLE COMB BUFF LEGHORN SALE—The finest exhibition and breeding stock at bargain prices. Eggs from special matings \$1.50 and \$3 per 15. Mrs. Seth Marsh, Perry, O. 2-3

WYCKOFF SINGLE COMB WHITE Leghorns, extra high score stock for sale cheap. Piassa Poultry Farm, Grafton, Ill. 2-2

ROSE COMB BROWN Leghorns. Layers and winners, stock and eggs. J. G. Cunningham, Pipestone, Minn. 2-4

SINGLE COMB BROWN LEGHORN cockerels at reasonable prices. Amos Fulk, Kendallville, Ind. 2-3

ROSE COMB BROWN Leghorn cockerels, fine type. Mrs. Corda Dildine, Armstrong, Ia. 2-2

SINGLE COMB WHITE LEGHORN eggs \$1.50 and \$2 per 15, \$6 per 100. C. W. Diller, Steward, Ill. 2-4

BROGDEN'S ROSE COMB White Leghorns just won at Chicago, St. Louis, Oshkosh. Birds that have fine head points, shape, carriage and white. Stock and eggs. Circular free. Thos. Brogden, Rush Lake, Wis. 2-2

SINGLE COMB BROWN LEGHORNS. Won second cockerel Chicago, second, sixth, color and shape specials Ontario, both shows on same dates. Best collection Canadian National twice. Circular free. H. F. Becker, Waterloo, Ontario, Canada. 2-3

SINGLE COMB WHITE LEGHORN eggs from 196 egg strain, scoring 95 to 96½. George W. Wolfmum, Carey, O. 2-3

S. C. BROWN LEGHORNS, laying strain. Eggs from good stock only \$1.50 per 15, four settings \$5. Florence Jeffris, Kirksville, Ill. 2-3

BRED TO LAY—S. C. Buff Leghorn eggs for hatching from sixty selected hens. Farm raised. Eggs, \$1.50 per 15, \$7.50 per 100. O. L. Hamby, Fair Play, Mo. 2-3

FERNWOOD FARM ROSE COMB Brown Leghorn hens and cockerels from Ohio State Fair prize winning stock. Also Mammoth Pekin duck eggs and day-old chicks in season. Claudia Betts, Hillsdale, Mich. 2-3

BLACK AND BUFF LEGHORN eggs reasonable from Chicago, Omaha, Kansas City, Minneapolis prize winners. Nick Fuse, Naperville, Ill. 2-3

ROSE COMB WHITE LEGHORNS, Elephant strain. First cockerel at Seattle, Iowa State two firsts and club cup. Cockerels \$2 to \$15, eggs 5c to 33 1-3c each. Circular. Rogers Ranch, Pleasanton, Ia. 2-4

ROSE COMB BROWN LEGHORN EGGS—Rochester winners, Kulp strain. Gertrude Nichols, Elkland, Pa. 2-3

SINGLE COMB WHITE LEGHORNS—Handsome, sterling layers. Winners three firsts during January. Eggs, 15 at \$2. E. E. Selle, Freeport, Ill. 2-3

HIGH SCORING SINGLE COMB BUFF LEGHORNS—Eggs, 15, \$1; 50, \$3; 100, \$5. Satisfaction guaranteed; no stock for sale. James Percy, Martinsville, Ind., Route 11. 2-3

SINGLE COMB WHITE LEGHORNS—Eggs from pens containing large, healthy, vigorous birds. Grand layers. Trap nested. Pedigreed. Eggs, 15c and 20c each, according to egg record of layer. H. C. Lloyd, Hobart, Okla. 2-3

SINGLE COMB WHITE LEGHORNS—15 eggs \$1; 50, \$3; 100, \$5. Mrs. Hiram Avery, Martinsville, Ind., Route 16. 2-3

EGGS FOR HATCHING—From high class S. C. Buff Leghorn standard color, good shape, size, "Cook's" strain S. C. Buff Orpingtons, well selected stock. E. B. Kirchner, Ashton, Mo. 2-3

MY SINGLE COMB BROWN LEGHORNS are noted for size, eggs, blue ribbons and silver cups. Special matings, 15 eggs, \$3; 15, \$1; 50, \$2.50; 100, \$4. Miss Maggie Sword, Pekin, Ind. 2-4

SOME GOOD SINGLE COMB BROWN LEGHORN COCKERELS—Eggs, 15, \$1; 100, \$4; large orders specialty; 32 years breeder. Ed B. Murphy, Box 4, Carmel, Ind. 2-3

S. C. BROWN LEGHORN EGGS—Exhibition and utility. Catalogue and mating list—send for it. Upland Poultry Farm, Box B, Decatur, Ill. 2-3

EGGS FROM PRIZE WINNING SINGLE COMB BUFF LEGHORNS—Exclusively 11 years. Select mating, \$1.50 per 15; utility stock, \$1 per 15; \$3 per 100. Mrs. J. Frank Carnahan, Adrian, Mich. 2-3

ROSE COMB BROWN LEGHORNS—Kulp's 242 egg strain. Eggs from high-scoring and prize-winning stock, \$1, 15; \$4 per 100. Pirtle Poultry Farm, Bloomfield, Iowa. 2-3

SINGLE COMB WHITE LEGHORNS—Wonderful laying and exhibition strains. Wyckoff and Youngs direct. Wyckoff eggs, \$1 per 15; \$5 per 100; Youngs eggs double. J. A. Shine, man, Canajoharie, N. Y. 2-3

S. C. W. LEGHORNS—Exclusively for 26 years; have now the best I ever owned. Stock and eggs at reasonable prices. J. H. Kollmeyer, Quincy Heights Poultry Farm, Quincy, Ill. 2-3

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three firsts, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 1-3

S. C. W. LEGHORNS. Winners at Coldwater, Mich., Dec. 1, 1909, of four first, three second, two third and ten specials, scores 92 to 95½. Prices reasonable. C. W. & H. E. Hosmer, Union City, Mich. 1-3

S. C. WHITE LEGHORN COCKERELS—Quality and price right. Geo. F. Conrad, Amanda, O. 1-3

EGGS AND CHICKS from Robey's healthy vigorous, farm-raised single comb white Leghorns at right prices. Exhibition and utility. Correspondence invited. James H. Robey, Box 62, Fairfield, Ill. 2-3

SINGLE COMB WHITE LEGHORNS—Easing strain. Cockerels \$2 and \$5 each. Embden and White China Geese for sale. Eggs in season. M. K. Anthony, Box 23, Waldo, Ohio. 2-3

R. C. W. LEGHORNS—Winners at Rochester and Elmira. Cockerels for sale; eggs, single settings, 100 or 1,000 lots. Satisfaction guaranteed. Send for mating list. Sunny Slope Farm, J. S. Carr, prop., Bradford, N. Y. 2-3

YOUNG STRAIN SINGLE COMB WHITE LEGHORNS—Winners at Johnstown, Schenectady, Albany, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 2-3

ROSE COMB BUFF LEGHORNS—Ten entries, ten prizes, this year at Chicago, Milwaukee and Blue Island, none scoring less than 90½. Stock and eggs at living prices. Anton Kakuska, 2353 S. Lawndale Ave., Chicago, Ill. 2-3

296 EGG STRAIN S. C. White Leghorns; trapnested. Eggs, \$1.00 15; 100, \$4.00. Homer Garges, Iuka, Ill. 2-3

SINGLE COMB WHITE LEGHORNS cheap, considering quality. William Ringhouse, Havana, Ill., R. 2, Box E. 1-3

SINGLE COMB WHITE LEGHORN cockerels from heavy laying strain, \$2; satisfaction guaranteed or money refunded. E. W. Harris, Agent, C. B., & Q. R. E. Co., Batavia, Ill. 1-3

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Tabor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 1-3

SINGLE COMB BROWN LEGHORNS—Young and old stock for sale. Breeders and exhibition birds. Twenty years a breeder. Member of S. C. B. Leghorn Club. Jas. Cane, Crescent City, Ill. 1-3

SINGLE COMB BROWN LEGHORNS exclusively. Good size and bred to lay. Settings, \$1. E. V. Crooks, 515 West Platte, Colorado Springs, Colo. 1-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonsport, Ia. 1-3

MILLS' 248 EGG STRAIN. Large S. C. White Leghorns; prize winners; unequaled. Write me. D. C. Mills, Station D, St. Clair, Mich. 1-4

ROSE COMB BROWN LEGHORNS—Michigan's favorites. Won at Detroit, Jackson and Ann Arbor. Intelligently culled, 17 years for eggs, size, color and vigor. Harkins & Son, Ann Arbor, Mich. 1-3

SINGLE COMB WHITE LEGHORN Cockerels, large (blue) white quills, not creamy, from 196 egg-strain, scoring 93 to 96. George W. Wolfmum, Carey, Ohio. 1-3

GOLDEN BUFF STRAIN Single Comb Buff Leghorns. Madison Square and Rochester winners. Stock for sale. Buff Leghorn, Poultry Yards, Annville, Pa. 1-3

ROSE COMB BUFF LEGHORNS. Winners at Madison Square, Cleveland, Buffalo, etc. Some nice stock for sale. Howard J. Fisk, Box A, Falconer, N. Y. 12-6

ORPINGTONS.

S. C. WHITE ORPINGTONS—Kellerstrass strain. Eggs from our pen of 8 high-scoring pullets, 93½; 95 points by "Mills," headed by our first prize cockerel at the recent Iowa State Poultry Show at Des Moines; \$5 for 15 eggs. Mackey's Poultry Farm, Nevada, Ia. 3-ft

BLACK ORPINGTON eggs for sale, \$1.50 setting; also two cocks. Mrs. J. T. Marlow, Tamaroa, Ill. 3-1

SINGLE COMB BUFF AND BLACK of prize winning stock. Eggs, Buff, \$1 15; Black, \$1.50 15. J. H. Martin, Lehmasters, Pa. 3-3

EGGS FROM FANCY WHITE Orpingtons, \$2 and \$4 per 15. Crystal and Cook strains. Ed. Priddle, Litchfield, Ill. 3-3

CRYSTAL WHITE ORPINGTONS. Kellerstrass strain. Selected eggs from a pen of beauties at reasonable prices. W. T. McConnell, DeLand, Ill. 3-3

KELLERSTRASS STRAIN White Orpington eggs for sale now. From my best pen now at \$2 per setting. Address Woods Blaney, Roney's Point, W. Va. 3-3

ORPINGTONS.

WHITE ORPINGTONS—Cold weather has no effect on the laying qualities of our White Orpingtons. They laid heavily, persistently and steadily during this cold weather, the coldest we have had here in 10 years. They are prize winners, too. At the great Rochester show we had in White Orpingtons, the following winners: 1st, 2d and 3d cocks; 3d and 5th hens; 1st and 3d cockerels; 2d pullets, 2d pen. Farm range fowls, housed in fresh-air houses, insuring fertility in eggs and vigor in chicks. If you want the best proposition offered on White Orpington eggs for hatching, write at once for our mating list. Grannis Brothers, R. F. D. 12, LaGrangeville, Dutchess County, New York. 1-10-lyr.

WHITE ORPINGTON eggs, 15, \$1.50; 100, \$6; satisfaction guaranteed. Nancy Garner, R. 2, Box 98, Dexter, Mo. 3-3

EDWARDS' S. C. BLACK ORPINGTONS. "NONE SUCH." Send for mating list. Dr. Geo. B. Edwards, Laceyville, Pa. 3-3

WHITE ORPINGTONS—Cook strain. Good stock. Eggs, \$2.50 per 15. L. S. Brooke, Howell, Mich. 3-3

SINGLE COMB WHITE ORPINGTONS exclusively. Eggs, \$2.50 per 15; \$4.00 per 50; \$12.00 per 100. Stock for sale. Charles A. Fallor, Newton, Ill. 3-3

WHITE ORPINGTONS. Alba strain. Eggs from my heavy layers, \$3 per 12; \$8 per 50. I have also the kind that won in three shows all the firsts but one. 43 prize winners in my breeding pens. Illustrated catalog. Dr. Gooding, Box 9, Brockport, N. Y. 3-1

GRAYMOOR WHITE ORPINGTONS. A few cockerels from First Prize winners at Madison Square Garden, N. Y., and Crystal Palace, London, in 1909. Eggs for hatching, \$3 per 15. Write at once. Supply limited. The Friars of the Atonement, Graymoor, Garrison, N. Y. 3-1

SINGLE COMB BUFF ORPINGTONS. Nine years a breeder. Cook strain. Eggs, \$5 per 100; \$3 for 50. Fred S. Long, Fredericktown, O. 3-3

BLACK ORPINGTON EGGS from hens that score 95. "Orpington," Delavan, Wis. 3-1

LAST SPRING I BOUGHT a pen of "Crystal" White Orpingtons from the Kellerstrass farm and they have "made good." This spring I can spare a few settings of eggs at very reasonable price. \$5 for 15. Good hatch guaranteed. Reference: The Union Bank of Corinth. H. S. Green, Corinth, Miss. 3-3

WHITE ORPINGTON (Kellerstrass), Black Orpington (Brown) eggs, \$2 setting (13); 3 for \$5. Black Minorcas and Runner Ducks (Berry and Sawyer) eggs, 10c each. J. A. Dickson, Ashtabula, O. 2-3

WHITE ORPINGTONS (Kellerstrass strain). Settings, \$3. Young stock for sale. Trueman's Poultry Yards, Laurel Springs, N. J. 2-3

ORPINGTONS. S. C. BUFFS. Six years breeding Utility and Fancy combined. Trap-nest methods. Winners Wheeling, Huntington, W. Va.; McKeessport, Pa., etc. Eggs, \$2.00 up. Mating list. H. H. Marsh, Wheeling, W. Va. 2-3

ROOT'S GOLDEN BUFF ORPINGTONS have won at leading eastern shows. Strict attention given to egg production. Send for mating list. Stock shipped on approval. John Root, Jr., Collingswood, N. J. 2-4

FOR SALE—Thirty cockerels raised from pen of Crystal White Orpingtons, direct from Kellerstrass, \$3 up. Settings of 15 eggs, \$3; 2 settings, \$5. Am member of White Orpington Club and breed only the one kind. Henry Meyers, Bangor, Mich. 2-3

ROSE COMB BUFF ORPINGTONS (Cook's strain). Grand color and type. Eggs from two pens of high scoring birds. Prices reasonable. W. T. Pierce, Kewanee, Ill. 3-3

BUFF ORPINGTON eggs, prize winners, \$1.50 per 15. Mrs. Ira Correll, Odon, Ind. 3-1

BLACK ORPINGTONS—Our Black Orpingtons have health and vitality, insuring fertility in eggs and vigor in chicks. Also, they are prize winners. At the great Rochester show we won 1st cock; 1st, 2d, 3d hens; 1st, 2d, 3d, 4th cockerels; 1st, 2d, 3d, 4th pullets; 1st, 2d, 3d pens. Heavy laying strain. Farm-bred, housed in fresh-air houses. If interested in Blacks, you will miss it if you don't send for our mating list and see what we have to offer. Grannis Brothers, R. F. D. 12, LaGrangeville, Dutchess County, New York. 1-10-lyr.

SINGLE COMB WHITE ORPINGTON eggs, Kellerstrass and Cook strains. W. C. Spurgin, Panama, Ia. 3-3

EGGS FOR HATCHING S. C. Buff Orpingtons, \$2.50 per setting. Black Spanish, \$2 per setting. Bruno Meier, New Melle, Mo. 3-3

SINGLE COMB BUFF ORPINGTONS. Prize-winning cockerel. Eggs for sale. Arthur Short, Coffee, Ill. 3-3

EIGHT WHITE AND TWELVE BLACK Orpington cockerels ready for mating. Cook strain. A 1 stock, \$2.50 to \$5 each. Ideal Poultry Farm, Box 14, College Hill, Ohio. 3-3

SINGLE COMB BLACK ORPINGTONS, winter layers, 15 eggs, \$2. Walter Burgess, Pana, Ill. 3-3

ROSE COMB BUFF and Single Comb White Orpington eggs, \$1 per 15. R. W. Aucker, Port Trevorton, Pa. 3-3

BLACK ORPINGTON—Greenwood stock; scored cockerels for sale; eggs, \$3. C. Oakes, Zion City, Ill. 3-2

CHOICE ORPINGTONS, Single Comb White and Buff eggs, \$1.50 per 15. Wm. Risley, Smith's Landing, N. J. 3-3

DIAMOND JUBILEE AND **BLACK ORPINGTONS.** Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Peotone, Ill. 3-3

CRYSTAL WHITE ORPINGTONS—Eggs, \$2 and \$4 per 15. High class stock. Pens headed by first prize cockerel from Kellerstrass' \$30 eggs. Send for mating list. O. Anderson, Barnard, Mo. 3-3

SINGLE COMB WHITE ORPINGTONS. Eggs, \$3 per 15, \$8 per 50, from utility birds that yielded over 90 per cent winter eggs. Frank H. Leach, Bloomfield, W. Va., Member American White Orpington Club. 3-3

CRYSTAL WHITE ORPINGTONS—Cockerel heading first pen is sired by Crystal King (few Cook cockerels). Walter Steidinger, Forrest, Ill. 3-3

BUFF ORPINGTONS—If interested in Buff Orpingtons, you should send today for our mating list, as it contains some things you ought to know about our proposition. We had the following winners at the great Rochester show: 1st, 2d, 3d cocks; 4th and 5th hens; 1st cockerel; 1st and 4th pullets; 1st pen. Our birds have free range on our 140-acre farm; housed in fresh-air houses, insuring fertility in eggs and vigor in chicks. Our hens and pullets have been laying steadily and persistently all this winter, the coldest here in 10 years. Safe delivery of eggs guaranteed. Prices very reasonable. Don't fail to write today for our mating list. Grannis Brothers, R. F. D. 12, LaGrangeville, Dutchess County, N. Y. 1-10-lyr.

S. C. WHITE ORPINGTON eggs from Fort Wayne blue ribbon winners, 1910. Scientifically mated, \$2 and \$3 per 15. W. Bruner, 1324 Huestis Ave., Fort Wayne, Ind. 3-3

"GOLDEN ROD" BUFF ORPINGTONS. Most profitable and beautiful fowl. First, second, third and fourth at Havana, Lewistown and Canton. One thousand hens to fill egg orders from. R. M. Seward, Lewistown, Ill. 3-3

CHOICE WHITE ORPINGTON, Single Comb, from prize winning strain, eggs, \$3 15, \$8 50. Chicks, \$6 doz, express prepaid. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

A CLEAN SWEEP—On Single Comb Buff Orpingtons at Omaha and Lincoln, Neb., winning 1st cockerel, 1st pullet, and 1st pen at each show, besides other prizes and specials, placing our Buffs unquestionably in advance of competitors in the Mid-West. Ask for 1910 mating list. Prewitt, Box D, Onawa, Ia. 2-10ff

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain. I won 3 1sts, 2 2ds and 2 4ths at Schenectady, N. Y., 1909. A few cockerels for sale. Eggs in season. Thomas F. Hines, Salem, N. Y. 3-3

S. C. BUFF ORPINGTONS—Grand winter laying strain. Two shows got me 14 ribbons; seven blue. \$1.50 per 15 eggs, \$7 per hundred. 93 average score of males used in these pens. "Your money's worth, always." You'll say so, too. C. H. Anderson, Box A287, Galesburg, Ill. 3-3

ROSE COMB BUFF ORPINGTONS exclusively. Eggs from Madison Square, 1910, prize birds, also Chicago, Cleveland, Cincinnati, etc., \$3 per 15. Special selected, \$5 per 15. S. D. Lance, Troy, Ohio 3-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain. Some choice cockerels for sale cheap. Eggs from 2 grand pens, \$5 per 15. A. C. Thompson, Iola, Kan. 3-3

SINGLE COMB BUFF ORPINGTONS, direct from Kansas City and St. Louis winners. Eggs, \$2 for fifteen. Circular free. Tulloch Bros., Barnard, Mo. 3-1

WHITE ORPINGTONS, KELLERSTRASS, Cook. Eggs, baby chicks. Order early. Member White Orpington Club. Alice Rawson, Big Rock, Ill. 3-2

SINGLE COMB BUFF ORPINGTONS exclusively. Prize winners wherever exhibited. McClave strain. Heavy egg producers. Golden buff to the skin, large barred, well shaped. Eggs, \$3 and \$2 per 15. Seventy-five per cent fertility. Gray Call Duck eggs, \$1.50 per 15. C. H. Figuers, Fern Hill Poultry Plant, Wakeman, O. 3-3

SINGLE COMB BUFF ORPINGTON eggs, \$1.25 per 15, \$2 per 30. W. O. Hixson, Bonfield, Ill. 3-3

SINGLE COMB BUFF ORPINGTONS—Silver cup winners January, 1910. Cocks, cockerels. Eggs, \$2.50 per 15. C. E. Myers, Danville, Ill. 3-3

S. C. BUFF ORPINGTON eggs, 75 cts for 13 during March. Mrs. Wm. Swanson, Genoa, Ill. 3-1

S. C. WHITE ORPINGTONS, Cook strain, \$2, \$3, \$5 per setting. Prize winners. Sunny Side Poultry Yards, Edgar W. Strong, Prop., Smethport, Pa. 3-3

HAVING MATED MY PENS, can spare 1 and 2 prize winners, S. C. White Orpington cockerels and full brothers of same, \$10, \$8 and \$5 respectively. A. Wolf, Mizpah, N. J. 3-2

ORPINGTONS, LARGE, BLOCKY, solid buffs, winners of 36 ribbons 3 shows. 15 eggs, \$2. Baby chicks, 25c. C. R. Smith, Burnt Prairie, Ill. 3-3

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SEVERAL S. C. BLACK ORPINGTON cockerels, some scored, \$2 to \$5. J. A. Lopp, Mt. Carmel, Ill. 3-3

WHITE ORPINGTON EGGS, Kellerstrass strain, \$3.50 for fifteen. Number limited. Henry J. Moore, R. 1, Waynesburg, Pa. 3-3

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SINGLE COMB BUFF Orpington eggs, 15 for \$1. Lida Martin, Ripley, Ohio. 3-3

WHITE ORPINGTON COCKERELS, grand utility birds, \$5. Heavy laying strain. E. Barber, 1540 Lunt Ave., Chicago. 3-1

SINGLE COMB BUFF AND BLACK ORPINGTONS—Winners at Philadelphia and Cleveland. Send for mating list containing cut of "Black Beauty." Book orders for eggs early. Cairngorm Farm, Nottingham, Ohio. 2-5

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S. C. WHITE ORPINGTON—Cook strain, bred to lay. Eggs, \$2 and \$3 per 15. W. B. Myers, Wayne City, Ill. 2-4

SINGLE COMB BLACK ORPINGTONS—Some extra choice cockerels at \$3 and hens at \$2. Write quick for bargain. E. H. Hildebrandt & Co., Lake Mills, Wis. 2-3

S. C. BUFF ORPINGTONS—Solid Buff from head to tail; good shape and eyes. Stock and eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Steward, Ill. 1-6

SINGLE COMB WHITE ORPINGTONS—Imported direct from William Cook of England. Also Crystal White Orpingtons. Eggs from large, vigorous, snow white, heavy laying stock, \$3 to \$5 per 15. Mrs. J. H. Weaver, Winamac, Ind. 2-4

FOR SALE—S. C. W. Orpington eggs and stock. Dr. Colby, Hillsboro, Ill. 2-3

SINGLE COMB BUFF, BLACK AND WHITE ORPINGTONS—Eggs from imported and prize-winning stock. Buff, \$1, 13; \$2, 30; \$6, 100. Black and White, \$1.50, 13; \$3, 30; \$8, 100. Mating list free. J. W. Tedrick, Williamson, Pa. 2-3

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WHITE ORPINGTONS—Kellerstrass Strain; also prize winners one pen. Fifteen eggs, \$3.50, express paid; fertility guaranteed. Correspondence solicited. Edward Buss, Janesville, Wis. 2-3

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SINGLE COMB BUFF ORPINGTONS exclusively. Write us for quotations on eggs. J. G. Geffer & Son, Bachmanville, Pa. 2-3

CRYSTAL WHITE ORPINGTONS—Cockerels for sale, eggs for hatching; circular free. Thos. Brogren, Rush Lake, Wis. 2-2

ORPINGTONS.

BUFF ORPINGTON EGGS—\$1.50 and \$2 per 15; \$10 per 100. Fertility guaranteed; 3 pens large golden Buffs. Baby chicks, 15 cents each. C. E. Ash, Aquashicola, Pa. 2-4

FOR ORPINGTON EGGS and chicks, White, Buff and Black, drop postal to the Whittaker Orpington Farm, Attleboro, Mass., R. F. D. No. 4. 2-5

S. C. BUFF ORPINGTONS—Exclusively stock direct from Cook. Eggs, 15, \$1.50; 3, \$2.75; 50, \$3.50; 100, \$5.50. Frank Myers, Oakwood, Ohio. 2-4

SINGLE COMB BUFF ORPINGTONS—If you want the best cheap, write us. Birds shipped on approval. Geo. Van Patten & Son, Elgin, Ill. 2-3

BLACK ORPINGTONS—Woodworth's Blacks (only young stock) won, at three recent shows, including state fair; all eligible firsts but pullet at Bucyrus. Folder free. Eggs \$2 and \$3.50. Dr. Woodworth, Delaware, Ohio. 2-3

S. C. BLACK ORPINGTONS—Owen Bros.' strain; fine stock for sale from prize-winners; eggs for hatching from choice mated pens. Prices within reach of all. Mrs. H. Wedder- spoon, Cooperstown, N. Y., Perthmoore Farms. 2-2

KELLERSTRASS, ORPINGTONS—Only baby chicks and eggs; get prices in mating list—it's free and tells all about it. J. W. Ramsey, Garner, Iowa. 2-3

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S. C. WHITE ORPINGTONS—Best layers, vigorous stock, right prices; eggs from best pens \$2.50, second \$1.50 for 15. S. S. Kanaga, Taylorville, Ill. 2-3

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R. C. BUFF ORPINGTONS—Winners of highest honors at Madison Square Garden, Easton, Pa., and Paterson, N. J. Eggs and stock in season. B. C. Roecker, Phillipsburg, N. J. 2-3

CRYSTAL WHITE ORPINGTONS—Won 12 premiums, color special, Ames, Marshalltown. Eggs, \$5 per 15; chicks, \$10 per 13; \$250 pen from Kellerstrass, eggs \$10 per 15; chicks, \$20 per 13. Mating list. Glen Richards, Le Grande, Iowa. 2-3

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CRYSTAL WHITE ORPINGTON EGGS—From the famous Kellerstrass \$30 mating. One pullet with a record of 52 eggs in 52 days in this pen—that's all. F. A. Maibaugh, Liberty, Ind. 2-3

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S. C. BUFF ORPINGTONS of quality; can save you money and disappointment. Eggs and stock reasonable; also Mammoth Pekin Ducks, prize quality, eggs and stock. R. W. James, Mansfield, O. 2-3

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S. C. BUFF ORPINGTON EGGS—15, \$1.50; 30, \$2.50; 50, \$3.50, and 100, \$6. Bred Orpingtons exclusively eight years; buff to skin. D. J. Hurley, Mount Carroll, Carroll Co., Ill. 2-3

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S. C. BUFF ORPINGTONS—Eggs from pen of high-scoring hens headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Pullets for sale. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 1-3

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CORNISH QUALITY Reds are the world's best Reds. Satisfaction guaranteed. Advertisement on page 321. 3-3

SPRAGUE'S RHODE ISLAND REDS are the only Reds that ever won the silver medal three times at the Chicago show. Stock better than ever. Circulars free. Phil Sprague, Maywood, Ill. 3-1

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EGGS FROM R. C. RHODE Island Reds, three dollars per fifteen and one-fifty per fifteen. Good winter layers. Edith Thompson, West Middlesex, Pa. 3-3

FOR SALE—ROSE COMB R. I. Red eggs, \$2 per setting of fifteen; three settings, \$5. Satisfaction guaranteed. Mrs. A. H. Fortner, Plano, Tex. 3-3

ROSE COMB RHODE ISLAND REDS—Winners and layers, size and beauty. Pens mated by Judge Wurtz. Eggs, \$2 and \$3 15; \$7 per 100. J. E. Davidson, Kipton, O. 2-3

SINGLE COMB RHODE ISLAND RED cockerels for sale. Fine stock, the kind we all want. Score from 92% to 94. Stock, \$2 to \$10. Eggs for hatching in season, \$1.50 to \$3. M. M. Wilder, Box 223, Lexington, Ill. 3-1

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IF YOU WANT EGGS the year around and a fine market fowl, get our strain of S. C. Rhode Island Reds. Free range. Satisfaction guaranteed. Eggs, \$1 per 15; \$5 per 100. Crehore Bros., Lorain, Ohio. 3-3

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ROSE COMB REDS—Pens headed by Sons Chicago King. Eggs, \$3 and \$5 per setting of fifteen. F. C. Coward, Elkhorn, Wis. 3-2

15 EGGS, \$1; 45, \$2.50. Rose and Single Comb Rhode Island Reds, DeGraff's strain direct. Theo. Schneider, 28, Madison, Ind. 3-3

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ROSE COMB REDS. Four fine pens. Mating list free. J. A. Stormont, Salem, Ill. 3-3

RHODE ISLAND REDS. Egg producing strain. Splendid, big, hardy, showy, farm-raised birds. Genuine Red. Low prices. Be friendly. Write your wants today. Mrs. A. Berry, Clarinda, Iowa. 3-1

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ROSE COMB REDS—Tuttle strain. Exceptionally fancy stock. Eggs, \$2 per 15. T. S. Walker, Riceville, Ia. 3-3

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SINGLE COMB R. I. REDS—Stock from first cockerel Chicago show, fourth pullet Chicago; 1st, 2d, 3d pullet Zion City; 1st hen Cleveland. Extra fine trio, \$6; settings, \$2. Scored cockerels, \$5. A. E. Logie, Wilmette, Ill. 1-3

ROSE COMB RHODE ISLAND REDS—Eight years' experience. Eggs, 15, \$1; 30, \$1.75; 100, \$5. Israel Kinney, Route 7, Bellefontaine, Ohio. 2-5

LESTER TOMPKINS' STRAIN RHODE ISLAND REDS—Both Combs, bred to lay and exhibit. Stock for sale. Eggs for hatching, \$1 per 15; \$5 per hundred. J. M. Drum, Mercersburg, Pa. 2-4

THE FAMOUS AMERICAN BEAUTY STRAIN of Rose Comb Rhode Island Reds. Holds the world's show record. Do not fail to send for handsome catalogue; also see ad in this issue. Kaufmann & Windheim, originators, Nutley, N. J. 2-10-tf

SINGLE COMB REDS—Three fine matings. Eggs, \$1.25 per 15; \$2.25 per 30; order now. James Hawke, Jr., Sheffield, Iowa. 2-3

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CRANE'S HIGH CLASS SINGLE COMB REDS are always in the winning because they conform closely to standard requirements. Eggs, \$1.50 per 15 and \$2.50 per 30, from same pens that produce my winners. Harry R. Crane, president Illinois Branch National Single Comb Red Club, Grafton, Ill. 2-3

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S. C. RHODE ISLAND REDS exclusively. Eggs, 15 for \$1; 100 for \$4. Best of stock; orders booked now; good hatch guaranteed. Address Lucius D. Hopkins, Big Suamico, Wis. 2-3

R. C. RHODE ISLAND REDS—Prize-winners. Eggs from special matings, \$3 per 15; \$5 per 30. Free range, \$1 per \$15; \$6 per 100. Lucy E. Taylor, Aledo, Ill. 2-4

EGGS FOR HATCHING—From prize-winners, bred for laying qualities. Rose Comb Reds exclusively. Prices \$2, \$3, \$5 per 15. Correspondence solicited. J. F. Mawby, Aledo, Ill. 2-3

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KERN'S "RED COAT" strain of Single Comb Reds. Winners at Cedar Rapids, Muscatine, Montezuma and Washington. Write for "Special" on high-class eggs to new customers. Frank L. Kern, Riverside, Iowa. 2-3

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ROSE COMB REDS—The kind that lay and win; pens headed by first prize winners; eggs, \$1 per setting. Stock direct from Tuttle. Catalogue free. Thos Wilder, Richland, N. Y. 2-3

SINGLE COMB REDS—De Graff strain. Eggs, \$1 and \$2 for 15. Wm. Stumm, Boody, Ill. 2-3

EGGS FROM S. C. REDS—Great winter layers. If you want the best a postal will bring you my mating list. See ad on another page. Cherry Red Poultry Yards, Memphis, Tenn. 2-3

WALKER REDS—50 blue ribbons at ten shows; Eggs, 100 cockerels. Fairview Poultry Farm, Palestine, Ill. 2-3

THE SINGLE COMB RHODE ISLAND RED farm flock captured 50 prizes and are great winter layers. Eggs, \$2 per 15. Address, Rev. N. D. Baldwin, Westfield, Ind. 2-3

BRILLIANT ROSE COMB REDS—Large, choice, winners; red to skin. Cocks, 9 lbs. Eggs, \$1.50, 15; \$4, 45. Shipped well packed, guaranteed strictly fresh. E. Brack, Sunny Side Poultry Farm, Havenville, Kan. 2-3

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S. C. R. I. REDS—Stock and eggs for sale. 100 choice cockerels for immediate delivery. J. G. Dutcher, Maplecroft Farm, Pawling, N. Y. Address H. D. Warner, Mgr. 1-3

ROSE COMB RHODE ISLAND REDS—Winners Jamestown Exposition, New York, Boston, Philadelphia, Trenton, Allentown and wherever shown. Eggs for hatching. Send for booklet showing matings and winnings. A few good cockerels for sale. Louis Anderson, Bloomsbury, N. J. 1-5

FOR SALE—SINGLE COMB R. I. R. eggs, \$1.50 and \$2 per setting. Scored birds bred to standard. John Lorigan, 512 E. Washington Ave., Madison, Wis. 1-3

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BRED TO LAY—Rose Comb Rhode Island Reds. Fine stock on approval. Get circular. Amo Robinson, Nelsonville, Ohio. 1-3

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START 1910 WITH RHODE ISLAND WHITES, the grand new breed with a future. Get your foundation stock from our pens. There's a reason. Send for catalogue and mating list. Lakeview Poultry Farm, Box 600, Borodino, N. Y. 3-3

RHODE ISLAND WHITES MY SPECIALTY—World's utility fowl; none better; the farmer's friend, fancier's favorite. Stock and eggs for sale. Free catalogue. C. A. Foster, Colonial Poultry Yards, Akron, O. 1-3

RHODE ISLAND WHITES are utility fowls, none better. Stock for sale. Eggs for hatching, \$2 for 15; \$5 for 45. Circulars. Home of the WHITES, Wakefield, R. I. 1-3

RHODE ISLAND WHITES for sale. Write. Mrs. Rose M. Squibb, Salem, Ill. 1-3

MINORCAS.

SEND ME your Rose Comb Black Minorca orders. My stock lay lots of eggs, are farm raised from the highest priced pedigreed stock. I won 1, 2, 3 cockerel, same on pullets, 1 on hen, at the recent Schenectady show. Eggs, \$3 for 15. Walter Talbot, Schenectady, N. Y. 3-3

WE ARE NOW BOOKING orders for eggs from Northup and Campbell strains Rose Comb Black Minorcas. Stock scores from 93 to 95. Eggs, \$2 per 15. Write us. Lester E. Pierce, Wakeman, Ohio. 3-3

ROSE COMB BLACK MINORCAS. Campbell, Northup strains. Last Cleveland show 1st hen, pullet, pen, 2d cock, cockerel, pullet, 5th hen. Seven entries. Few cockerels. M. H. Crumrine, Nova, Ohio. 3-3

ROSE AND SINGLE COMB Black Minorcas. Eggs from prize winning stock, \$2 per 15. Special price in quantities. Write for booklet. Cockerels for sale. R. C. Braund, Towanda, Pa. 3-3

MINORCAS.

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ROSE COMB BLACK AND WHITE MINORCAS. Eggs and baby chicks from Madison Square winners. Incubator eggs a specialty. Glenn E. Ferris, Poplar Ridge, N. Y. 3-3

\$1.50 PER SETTING; 50 eggs, \$4, from large and vigorous S. C. Black Minorcas. Write for show record and mating list. H. Ockelmann, Hawker St., Dayton, O. 3-3

MY ROSE COMB BLACK MINORCAS won at Schenectady and Johnstown. Eggs best pens, \$2 per 15. Thos. Madden, Jr., Gloversville, N. Y. 3-3

SINGLE COMB BLACK MINORCAS. 18 years a breeder. Largest stock of breeders in the United States. Write for egg list. E. S. Foulks, Jefferson, Iowa. 3-3

S. C. BLACK MINORCAS. Now is the time to place your order for eggs. Chicago, Fort Wayne and Indianapolis winners in our pens. Write us for prices. W. F. Lindenberg & Bro., Fort Wayne, Ind. 3-3

STANDARD WEIGHT ROSE COMB Black Minorca cockerels, Northup strain, \$5. 13 eggs, \$3. John Leeders, Michigan City, Ind. 3-3

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ROSE COMB BLACK MINORCAS. Pittsburg, 1909. 1st cockerel, 1st pullet, 2d cock, 3d hen on 4 entries. Five silver cups out of 4 shows 1910. Stock for sale. Eggs in season. Dr. F. H. Hayes, Butler, Pa. 3-3

R. C. BLACK MINORCAS. Northup and Campbell strains. Won 1st cockerel at Plymouth, Tiffin and Cleveland, O.; 1st cockerel at Columbus, O., heads first pen. S. C. Buff Leg-horns won 1st, 2d and 3d pullet at Mansfield and Tiffin, O. Eggs, \$3 and \$2. O. C. Wright, Chicago, Ohio. 1-3

S. C. BLACK MINORCA Cockerels, \$2 each. Breeders from American Black Minorca Club champions for Wisconsin, 1909. E. A. Eliassen, Oshkosh, Wis. 3-1

STEVENS' S. C. B. MINORCAS—I have a nice lot of males and females for sale. Also eggs from 4 pens of selected breeders. Write for circular. J. Frank Stevens, New Castle, Pa. 3-3

SINGLE COMB BLACK MINORCAS, Northup strain, from prize winning stock. 15 eggs, \$1.50. Cockerels, \$1.50. W. Schreck, Waterloo, N. Y. 3-1

S. C. WHITE MINORCAS. Jerome strain. Eggs, \$1.50 per 15. Utility, \$5 per 100. Rev. C. W. Seelhoff, Owosso, Mich. 3-3

WRITE B. C. DEYO, New Paltz, N. Y., Single Comb Black Minorca specialist, for breeding and show cockerels (Northup strain); 15 eggs, \$1.50; \$7 per 100. 3-2

AMERICAN CHAMPIONS—R. C. B. MINORCAS. Blue ribbon winners Madison Square, Hagerstown, Allentown, Scranton, Wilkes-Barre, Buffalo and all the leading shows. Stock and eggs for sale. Thos. G. Samuels, Nanticoke, Pa. 3-3

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ROSE AND SINGLE COMB White Minorcas. 15 eggs, \$1.50, from choice birds. Chas. Palmer, Nassau, N. Y. 3-3

SINGLE COMB BLACK MINORCAS exclusively. Eggs for hatching from standard bred stock, extra good layers of large white eggs, \$1.50 per setting; \$4 per 3 settings. Elm Poultry Yards, Elmhurst, Ill. 3-3

FIVE ROSE COMB BLACK MINORCA cockerels, \$2.00 to \$10.00. Cock, \$10.00. Buff Rock cock and hens, \$2.00 to \$5.00. F. J. Perrin, Walworth, Wis. 1-3

SINGLE COMB WHITE MINORCAS exclusively. Six-point cockerels for sale. Eggs, \$2.00 per 15. Richland Poultry Yard, Waynesville, N. C. 1-4

ROSE COMB BLACK MINORCAS—Bred for utility and exhibition. Grand in size, shape and color. Prices right. Satisfaction guaranteed. Circular. W. B. Harrison, Cambridge City, Ind. 2-3

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400 ROSE COMB BLACK MINORCAS—Clark strain, direct. Incubator eggs, \$10 per hundred. Orders for less not solicited. The A. Sanders Commercial Egg Farm, Hillsboro, Ind. 2-3

HERE IS YOUR CHANCE to buy eggs from the great egg producing Blue Grass strain. Single Comb Black Minorcas from trap-nested hens at, 15, \$1.50; 50, \$4; 100, \$6. R. S. Oetzel, New Richmond, Ohio. 2-3

MY SINGLE COMB BLACK MINORCAS won all firsts at State Fair, Mankato and St. Paul, including all specials. Standard weight and up to date. Eggs, \$2 and \$3. F. Nelson, 981 Delaware, St. Paul, Minn. 3-3

SINGLE COMB BLACK MINORCAS, exclusively. Large-framed and extra weight cockerels; also eggs for hatching, from winners at Madison Square Garden, State cup at Cincinnati, and President's cup at Cleveland. Al Renner, Coshocton, O. 2-3

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S. C. BLACK MINORCAS, exclusively (Northup Strain), \$2 per setting. O. E. Lucas, 1737 W. Leigh, Richmond, Va. 2-3

SINGLE COMB BLACK MINORCAS—Eggs, \$2 per setting, from prize-winners. Fertile and satisfaction guaranteed. Gus Steffen, Bismarck, Mo. 2-3

SINGLE AND ROSE COMB BLACK MINORCAS—Northup, Sutton and other leading strains; will sell eggs for hatching. Write your wants and I will insure satisfaction. B. D. Staley, Chambersburg, Pa.; Franklin Co. 2-4

HARTMANN'S SINGLE COMB BLACK MINORCAS—The great Triumph strain are in line, winning in Chicago's hottest competition, Dec., 1909, 2d prize pen. Write for free circular. August E. Hartmann, Maywood, Ill., 405 North 7th Ave. 2-3

ROSE COMB WHITE MINORCAS—Just won at St. Louis, Oshkosh. Stock and eggs for sale. Circulars free. Thos. Brogden, Rush Lake, Wis. 2-2

MEISELBACH'S WHITE MINORCAS—First prize winners Chicago and New York. Stock and eggs. Write for circular. Harry Meiselbach, Melrose Park, Ill. 2-3

R. C. BLACK MINORCAS STOCK FOR SALE—Eggs in season. C. W. Vandemark, Waukegan, Ill. 2-3

ROSE COMB WHITE MINORCA won first, last Chicago show, on size, shape and color. Get my egg circular. B. Wenk, Washington, Ill. 2-3

McFADDEN'S ROSE COMB BLACKS—Winners first St. Louis, Springfield and elsewhere; 15 eggs, \$3. Free illustrated catalogue. Ben McFadden, Havana, Ill. 2-4

EGGS, S. O. B. MINORCAS—At Ohio State Fair, Chillicothe, Cincinnati, Portsmouth, Columbus, Waverly, Picketon and Huntington, W. Va., have won 82 regular and 29 special premiums. All records broken. Circular tells all. Chas. W. Helman, Waverly, O. 2-3

S. C. WHITE MINORCAS—Won three firsts on five entries Missouri State Show. Pennington's Poultry Farm, 27th and Sumner, Lincoln, Neb. 11-09-1yr

SINGLE COMB BLACK MINORCAS—Parent stock direct from Northup. Cockerels, \$5; pullets, \$4; trios, \$12; eggs, 15, \$2.50; 30, \$4.50; 50, \$6; 100, \$10. No culls. R. Seymour, Gurnee, Ill. 2-3

ROSE COMB BLACK MINORCAS—Eggs for hatching from big state show winners. We have size as well as quality. Write for catalogue. Chas. Jordan, Box 2170, Jefferson, Wis. 2-3

ROSE COMB BLACK MINORCAS—Exclusively. Pure Northup strain. High scoring prize winners mated for best results. Eggs and stock for sale. Satisfaction guaranteed. C. H. Ley, Port Washington, O. 2-3

ROSE COMB BLACK MINORCAS. Eggs, \$2.00 per 15. From the 1909 Chicago Show exhibition birds of Mishler, Didrickson and Schroeder. John Denvir, 1847 S. 40th Ave., Chicago. 2-3

ROSE COMB Black Minorcas exclusively. Northup-Sutton and other leading strains, 12 years breeding this one fowl. Will win in strongest competition. Insure satisfaction. Send for circular. Eggs in season. Harold Stevenson, Coshocton, O. 1-4

ROSE COMB BLACK MINORCAS—Cocks and cockerels for sale. Prices reasonable. M. J. Quackenbush, Nutley, N. J. 1-3

NOW IS THE TIME to purchase a cockerel if you desire to introduce some new blood in your stock next season. I have a fine lot of them for sale at reasonable prices. Remember, I am the largest exclusive breeder of S. C. Black Minorcas in the United States or Canada. Give me a trial and I am confident I can please you. Cannot spare any cocks, hens or pullets. Write for catalogue. Frank McGrann, Prop., Whatlegen Farm, Lancaster, Pa. P. O. Box 417, A. P. J. 1-3

FOR SALE—SOME CHOICE Rose and Single Comb Black Minorca cockerels. Frank Littlebrandt, Hart, Mich. 1-3

MY ROSE COMB WHITE MINORCAS won silver cup at Chicago, best display. Shall be pleased to furnish eggs at \$3 per 15. \$15 per 100. From my very best matings, including Chicago first prize winners. All finely shaped, good sized white rangy birds. Eggs shipped anywhere in the United States or Canada, and satisfaction guaranteed. Fred Alger, Secretary National R. C. W. Minorca Club, Waukau, Wis. 1-3

CATALOGUE FREE. Sixteen years' experience breeding for heavy egg production. Eggs from exhibition trap-nested record layers, 200 to 240 the year, 15, \$2.00; 30, \$3.50; 50, \$5.00; 100, \$8.00. H. H. Wadsworth, Waynesville, O., Originator Blue Grass Strain Single Comb Black Minorcas. 1-3

SINGLE COMB WHITE MINORCAS in all their purity. Madison Square winners. William Sapper, Box S, Erie, Pa. 1-3

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PINCKNEY HOUDANS—Winners at Indianapolis show, 1910. Some of the greatest breeders in U. S. competing. First pullet, second cock, fourth and fifth hen, out of five entries. Catalogue. E. A. Trueblood, R. 9, Box 17, Salem, Ind. 3-3

GROTT'S IMPORTED HOUDANS were brought across from France by a friend of mine. Every bird I own has bred from these birds. Have eggs, breeders and scored stock for sale. Frank T. Grott, Kiel, Wis. 3-3

HOUDAN EGGS—Grand mated pens, including Madison Square and Brooklyn winners. White Orpington eggs from daughters Kellerstrass' best fowl. E. J. Leonard, Elkland, Pa. 3-3

HOUDANS—15 EGGS, 75c. Fine cockerels. Weber Bros., Maugansville, Md. 3-3

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IT IS A RECOGNIZED FACT that "Q. & B." Houdans are "the best." If you start with "the best" you will save time, money and annoyance. If you want a flock of prize winners and record layers combined, demand "Q. & B." Houdans. Write for our beautiful descriptive catalogue; it is free. Eggs, \$2.50, \$5 and \$10 per 15; ten chicks guaranteed to hatch. Quimby & Brown, 109-H High St., Ipswich, Mass. 3-3

HOUDANS EXCLUSIVELY, McAvoy strain. Ideal birds. Eggs, \$2 per 15. Richard Pengilly, Albany, Wis. 3-3

HOUDANS—BEST STRAINS—Stock, \$1.50 and up. Eggs, \$3 per 15. W. W. Cook, Box A, University Heights, Madison, Wis. 2-3

IMPORTED HOUDANS OF QUALITY—Eggs for hatching; also cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

FAMOUS HOUDANS—Eggs and day-old chicks from greatest layers and Memphis, St. Louis and Indianapolis winners. Catalogue. Prospect Poultry Farm, Orleans, Ind. 2-5

HOUDANS—exclusively for 14 years. At late St. Louis Show won 1st, 2nd cock, 1st hen, 1st pen. Eggs, \$3 straight. A few cockerels to spare. Louis Faller, the Houdan Specialist, Newton, Ill. 2-3

HOUDAN EGGS. Also cockerels, pullets. From silver cup, blue ribbon winners. Laura Reiff, Idaville, Ind. 1-3

"FAULTLESS" HOUDANS, 287 egg strain. Six elegant pens. Book orders now. Circular free. W. C. Snider, Kansas, Ill. 1-3

HAMBURGS.

SILVER SPANGLED HAMBURGS. White Wyandotte eggs for setting, \$1 15; \$5 100. H. H. Scott, Sinks Grove, W. Va. 3-3

SILVER SPANGLED HAMBURG eggs, \$1 per setting. Some stock. Woodward Bros., Antwerp, N. Y. 3-1

SILVER SPANGLED HAMBURGS—Cockerels, hens and pullets. Trios or pens mated for breeding. Write for circular. Oscar O. Northon, Route No. 4, Clare, Mich. 1-3

HAMBURGS.

FIFTY SILVER SPANGLED HAMBURGS for sale, including males. Won first cockerel, first pullet, Chicago; Elgin grand prize, \$15. Eggs, \$2. Specials, \$3. Alexander Thoms, Elgin, Ill. 3-3

SILVER SPANGLED HAMBURGS—Originator of the "Black Diamond" strain. Bred in line for twelve years. First Madison Square winners in my yards. I won every first and special at Columbus, Greenwich, New London and Mansfield, Ohio. Breeders for sale. Eggs, \$2.50 per 15; \$4 per 30. Descriptive circular free. Satisfaction guaranteed. Will L. Clark, Sullivan, Ohio. Member Hamburg Fanciers' Club. 2-10-11.

SILVER SPANGLED HAMBURGS—Won 30 prizes, 3 silver cups, at 4 shows. Silver cup for best male and female; 1st pen, 1st and 2d cockerel, 4th and 5th pullet, St. Louis; 72 birds in competition. Eggs, \$2, \$4, \$5, per 13. Cockerels for sale. Dr. Keiffert, Quincy, Ill. 2-3

SILVER SPANGLED HAMBURGS—Eggs from good stock that will hatch; \$2 per 15; three settings \$5. Orval Jeffris, Kirksville, Ill. 2-3

EGGS FROM HIGH-GRADE Golden Pencilled, Golden and Silver Spangled Hamburgs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

RED CAPS.

IMPORTED ENGLISH RED CAPS. Eggs, \$3 per 15. Raymond Weidenfeller, Mineral Point, Wis. 3-3

RED CAPS—Eggs, \$2.50 per 15; \$4 per 30. W. E. Schackmann, Newton, Ill. 3-3

EGGS FROM PRIZE-WINNING English Red Caps in season. One cock, 4 cockerels; extra fine birds. Winners wherever shown. J. L. Laning, Johnstown, N. Y. 2-3

RED CAPS—3 choice cocks and 10 choice cockerels. Prices reasonable. Earl Marburger, Route 35, Evans City, Pa. 3-1

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BUFF AND PART. COCHINS. Eggs, \$1.50 per setting. Three firsts and 1 third Blue Island Show. J. M. Kott, Orland, Ill. 3-1

OAKWOOD FARM STRAIN Buff and Partridge Cochins. Winners at Chicago and other leading shows. Stock for sale. Write for mating list. DeWitt Yates, St. Anne, Ill. 3-3

BUFF, WHITE, PARTRIDGE COCHINS. Madison Square, 2 firsts, 3 seconds (five entries). Boston, \$100 Challenge Cup, 10 firsts, 3 seconds, fourth and fifth (fifteen entries). Choice stock for sale. Will book few settings, \$10. Hugh A. Rose, Welland, Canada. 3-3

BUFF COCHIN SPECIALIST eleven years. Valuable catalogue free. S. Berger, Pleasant Hill, O. 3-3

PARTRIDGE COCHINS—First prizes again. Eggs, 15, \$1.50. George Brown, Burnt Prairie, Ill. 2-3

BUFF COCHINS—Young stock; cockerels, \$2, \$3; pullets, \$1.50, \$2 each. Thomas Holland, Athens, Ill. 2-3

PARTRIDGE COCHINS, exclusively. Mitchell strain. Grand young stock from prize winners (sired by male whose brother won first at New York and Boston). Range raised, milk fed, large, vigorous. Eggs in season. Riverside Creamery, W. F. Allen, Milan, Mich. 2-2

HIGH GRADE PARTRIDGE COCHINS exclusively, \$1 and up. Eggs, \$2 per 15. E. C. Jolly, Franklin, Ill. 1-3

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BLACK LANGSHANS EXCLUSIVELY. Eggs, \$1 per 13. Levi Keys, Vermilion Grove, Ill. 3-3

BEAUTIFUL ILLUSTRATED FOLDER giving full description of my Black Langshans, matings, etc., sent free on application. C. G. Lee, Walworth, N. Y. 3-3

WINNERS, LAYERS, BEAUTIES—White Langshans that lay, weigh and pay. Bred from the first prize cockerel of the Indiana State Show. Scored 94½ by C. H. Rhodes. Trios, \$5. Eggs, \$1.50 firsts, \$1 seconds. Cedar Lawn Poultry Farm, Rutland, Ohio. 3-1

THREE-SILVER CUP strain of Black Langs. Eggs and cockerels. Gus Norton, Union City, Mich. 3-3

LANGSHANS OF QUALITY. Line bred for 8 years. Some good cockerels for sale. Fertile eggs from winners of silver cup and state show prizes, \$3. E. R. McCormick, Letts, Ia. 3-2

BLACK LANGSHANS—Selected breeders, ideal birds, standard weights, best winter layers; stock and eggs for sale; 35 years a fancier. Write today. C. A. Emry, Carthage, Mo. 2-3

BEST LANGSHANS. Stock and eggs. J. M. Rupard, Olmsted, W. Va. 3-3

"PEERLESS" WHITE LANGSHANS. Best strain. Highest awards. Greatest winter layers. Stock, eggs, chicks. Kearns-Preston Poultry Plant, Ripley, O. 1-3

WHITE LANGSHANS. Winners at State Show, St. Louis, December, 1909. Eggs, \$1.50 to \$3. Circular free. Henry Brockschmidt, Box A, Freistatt, Mo. 3-3

BLACK LANGSHANS. Winners of 32 prizes this season. Stock scoring to 96. 15 eggs, \$2. Baby chicks, 25c. C. R. Smith, Burnt Prairie, Ill. 3-3

WHITE LANGSHANS—The great winter layers. Eggs, setting, \$1.50. F. C. Meyer, Lexington, Ill. 2-3

PRIZE WINNERS—Black Langshans; cockerels, \$2.50 up; eggs, \$2. Fred Winters, Waukegan, Ill. 2-3

WHITE LANGSHANS MY SPECIALTY—Greatest of winter layers. Eggs from my exhibition pen \$2 per 15; your inquiries solicited. C. Leitnaker, Basil, O. 2-3

BLACK LANGSHAN EGGS—15, \$1.50; 100, \$5. Mrs. M. L. Shroyer, New Windsor, Ill. 2-3

BLACK LANGSHANS, trappened; 22 eggs in February from one hen. Eggs, \$2.00 15; 45, \$4.50. Homer Garges, Iuka, Ill. 2-3

BLACK LANGSHANS. I have a choice lot of cocks, hens, cockerels and pullets that I am offering at prices that will interest you. Write for prices on what you wish. Leo. A. Gartman, Oshkosh, Wis. 1-3

BRAHMAS.

LIGHT BRAHMAS, scoring 92 to 94½. Eggs, \$3 for 15. Reo Pickens, Haskins, Iowa. 3-3

FOR SALE—A few choice Light Brahma cockerels. F. N. Rhodes, R. D. 2, Oberlin, Ohio. 3-1

LIGHT BRAHMAS. Prolific layers, farm raised, line bred, prize winners. A vigorous, healthy bunch of youngsters ready for shipment. L. C. Blodgett, Columbia Sta., O. 3-2

LIGHT BRAHMAS. Exhibition grade only. Eggs, \$3 per 13. No stock for sale. James Pillow, Cold Spring-on-Hudson, N. Y. 3-3

LIGHT BRAHMAS EXCLUSIVELY 15 years. Extra fine. Eggs, \$1.50 for 15; \$2.50 for 30. A. T. Baird, Eureka, Ill. 3-3

LIGHT BRAHMAS. Eggs, \$3 per 15. Pen 1 headed by 1st cockerel Kansas City. Pen 2 headed by cock scoring 95. Hens score to 95½. Pullets to 96½. Stock for sale. Kinney I. Miller, Box T, Lancaster, Mo. 3-3

LIGHT BRAHMA eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

DARK BRAHMAS. High class stock. Scientifically mated for grand results. Eggs, \$3 per 15. J. A. Zollinger, Goshen, Ind. 3-3

LIGHT BRAHMAS—Mammoth Strain. The great world winning strain. Eggs from our best pens, \$3 for 15. Fine stock at reasonable prices. H. T. Rogers, The Elms, Cainsville, Mo. 2-3

LIGHT BRAHMAS—Prize-winners, for sale. Eggs, \$3 setting of 15. Chas. Bowling, Basil, Ohio. 2-3

COEN'S LIGHT BRAHMAS won thirty premiums at the Indianapolis, Lafayette, Frankfort and Crawfordsville shows. Old and young stock for sale. Write for prices. J. E. Coen, Box 160, Wingate, Ind. 1-3

EIGHT HIGH GRADE Light Brahma cockerels, \$1.75 each. Harry C. Hanson, Rt. 5, Lakefield, Minn. 1-3

ANCONAS.

"ANCONAS"—93 to 95-pent 5 to 7-pound hens. Unexcelled in standard and utility. Your satisfaction complete. You get the best. Eggs, \$2. T. B. Rogers, Upper Sandusky, Ohio. 3-3

MOLTED ANCONAS, the greatest layers in existence. Bred for egg production and purity of stock. Eggs, \$1.50 per 15. W. B. Lashley, Powhatan Point, Ohio. 3-3

ANCONA EGGS—from first prize stock, for hatching, \$1.50 for 15; satisfaction guaranteed. Hagenmaier's Ancona Farm, Upper Sandusky, Ohio. 2-3

SHEPPARD'S FAMOUS ANCONAS, the world's best. First wherever shown. See ad on page 445. Cecil Sheppard, Berea, Ohio. 1-3

EGGS FOR HATCHING from my prize winning Mottled Anconas, greatest winter layers. Circular free. Correspondence invited. H. L. Burnham, Strongsville, Ohio. 1-3

ANCONA EGGS from prize-winning, high-scoring mating, \$2 per 15. P. E. Gregoire, Newton, Ill. 3-3

MOTTLED ANCONA hens, greatest winter layers. Won first and second Sheboygan Co. Fair. Eggs, \$1.50 per setting. Chas. G. Kalk, Route 9, Sheboygan Falls, Wis. 3-3

HUBBARD'S FAMOUS ANCONAS, best winter layers known. Dark under-color, beautifully mottled, large, vigorous and handsome. Eggs for hatching from prize-winning stock, \$2 per 15. G. H. Hubbard, Lock Haven, Pa. 3-3

ANCONAS—GREATEST WINTER LAYERS. Eggs from large, vigorous, nicely mottled stock, dark under-color, yellow shanks, choice matings, \$2; utility, \$1. Circular. R. H. Simcox, Jersey Shore, Pa. 3-3

ANCONAS—CHOICEST, MOST profitable breed. Silver cup winners. Stock and eggs reasonable. George Blencoe, Alma Center, Wis. 3-3

ANCONAS, THE RIGHT kind. Correspondence invited. H. B. Rodgers, Troy, Ohio. 3-3

ANCONA HATCHERY—Won first prizes 22 shows. Chicks or eggs. Circular. C. A. Knight, Ancona Specialist, Olena, Ohio. 3-3

ANCONAS, EXCLUSIVELY. The kind that lay and win in the showroom. Stock and eggs for sale. My birds win wherever shown. W. H. Branthoover, Susquehanna St., Wilkinsburg, Pa. 2-3

ANCONAS FROM THE BEST STOCK in the U. S., England and Wales. Farm raised, free range flocks. Eggs. Mrs. Adaline R. Gosler, Matfield Green, Kan. 2-3

BOWLING'S IDEAL ANCONAS—Winners of the blue wherever shown. Eggs from pens scoring 91 to 94, \$3; utility, \$1.50 per 15. Chas. Bowling, Basil, Ohio. 2-4

ANCONAS, SINGLE COMBS, exclusively. March & Shepard's strain; greatest layers known. Guaranteed pure bred. Eggs, \$1.50, 15; \$2.50, 30; \$6, 100. Member Ancona Club. C. W. Winston, South Westerly, N. Y. 2-3

ANCONAS EGG SETTINGS—From my famous single comb HEDGEWOOD ANCONAS. Frank C. Stier, state vice-president International Ancona Club, Cleveland, Ohio. 2-3

ANCONAS—THE BREED THAT LAYS—Eggs from good stock, \$2 per 15; three settings, \$5. Sylvan Jeffris, Kirksville, Ill. 2-3

ANCONAS—GREATEST WINTER LAYERS—Stock and eggs for sale. Paris Ancona Farm, C. H. Zaleski, prop., Paris, O. 2-5

MOTTLED ANCONA EGGS from my great winter laying strain, blue ribbon winners at the big Youngstown and Warren (Ohio) shows; \$1.00 and \$2.00 per setting. A. J. Francis, Youngstown, Ohio. 2-3

SHEPPARD'S FAMOUS ANCONAS, the world's best. First wherever shown. See ad on inside front cover. Cecil Sheppard, Berea, Ohio. 1-3

BEDFORD'S ANCONAS—Both combs. Greatest layers. Big records. Greatest winning strain in America. First prizes at St. Louis, Columbus, Cleveland, New York, etc. Stock and eggs. Get my show record. H. M. Bedford, Strongsville, Ohio. 1-3

"AMERICAN BEAUTY" ANCONAS. Leading strain. High scoring exhibition. Prolific layers. Stock, eggs, chicks. Kearns-Preston Poultry Plant, Ripley, O. 1-3

BARNARD'S GREAT WINTER LAYING strain of Mottled Anconas. Bred ten years from my heaviest winter layers. Wonderful egg producers. Large, thoroughbred, high scoring birds. Hatching eggs from this famous strain reasonable. Write for descriptive circular. For winter layers try my Anconas. Ancona Poultry Yards, Garrettsville, Ohio. J. B. Barnard, Prop. 1-3

BANTAMS.

BLACK, BUFF, WHITE AND PARTRIDGE Cochins Bantams. Walter Schafer, Mt. Pulaski, Ill. 3-2

PARTRIDGE COCHIN BANTAMS—Prize winners. In pen, score 92½, 93, 93½ and 93¾. by Judge Stanfield. Eggs, \$1.50 per 13. Fine stock for sale, \$2, on approval. James W. Adams, Webster City, Ia. 3-3

PRIZE WINNING BLACK-TAILED JAPANESE Bantams. 15 eggs, \$2. J. W. Baker, Wayne City, Ill. 3-3

BLACK-TAILED JAPANESE BANTAM Cock, hatched June, 1908. No disqualifications. Reasonable. R. Aeberle, Ridgewood, N. J. 3-1

BANTAMS—BLACK BREASTED Red Game Bantams, Brown Breasted Red Game Bantams, and Buff Cochins Bantams. Strictly high class. Eggs, \$2 per 15. Dr. Clyde Gray, Quincy, Ind. 3-3

WHITE POLISH BANTAMS—4 firsts, 1 second, Madison Square. Also Golden Sebright, Buff Cochins and Silkies Bantams. Winners at Madison Square and Boston. Stock for sale. Eggs (except Silkies), \$3. Hugh A. Rose, Welland, Canada. 3-3

BANTAMS.

PRIZE WINNING BLACK-TAILED Japanese Bantams. Eggs, \$2 and \$3 per 15. Mamie Avery, Route 16, Martinsville, Ind. 3-3

GOLDEN SEBRIGHT AND WHITE Cochins Bantams. Stock and eggs for sale. Max Graham, Flushing, Mich. 3-3

WHITE COCHIN BANTAMS. Blue ribbon Chicago, 1908 and 1909. Pair, \$5; trio, \$6. Elizabeth Barber, 1540 Lunt Ave., Chicago. 3-1

BANTAM SALE—Cochins and Sebrights. Wilbert's Sunset Bantamry, Madison Square, Grand Rapids, Mich. 3-1

A FEW NICE PART. Cochins Bantams cheap. L. Beechler, Springfield, Ill. 3-1

HIGH CLASS BUFF COCHIN BANTAM eggs, \$1.50 per 15. Union Poultry Farm, Union City, Mich. 3-3

WHITE JAPANESE SILKIES, greatest layers out. Eggs and a few cockerels for sale. G. W. Kinter, Route 1, Dillsburg, Pa. 3-3

BUFF COCHIN BANTAM eggs from matings containing first pen at Cleveland, Ohio, 1910. Orders booked now, \$2 per setting. E. J. Belamy, Wakeman, Ohio. 3-3

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Weich, Box C, Douglaston, Long Island. 1-10-1 yr.

GAME BANTAMS—Brown, Red, Black Bearded Red, Silver Duckwing; also, Buff Cochins Seabrights; Polish and Silkies eggs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

BLACK TAILED JAPANESE Bantams, White Japanese Bantams, and Golden Sebright stock for sale. Prices right. Hez. Kinter, Dillsburg, Pa. 1-3

GOLDEN SEBRIGHT BANTAMS for sale. At Nazareth show I won first cock, first and second cockerel, first and fifth pullet, and first pen. Eggs for hatching. Satisfaction guaranteed. A. J. Fehr, Box 96, Pen Argyl, Pa. 1-3

AMERICA'S GREATEST BANTAM BREEDERS. Send 2c stamp for circular. Egg orders booked now. Japanese, Sebrights, Cochins, Games, etc. Silver cup winners. Address, Fenn of Delavan, Wis., Box 37. 8-1f

POLISH.

TWO DOLLARS, FIFTEEN White Crested Black Polish eggs. Score to 94. Luther Leavitt, Lewistown, Ill. 3-1

WHITE CRESTED Black Polish stock and eggs for sale. "Catalogue." Snowball Poultry Yards, Ft. Wayne, Ind. 3-3

KAKUSKA'S STRAIN OF WHITE CRESTED BLACK Polish, Plain and Bearded White Polish, and Silver Bearded Polish are the recognized leaders of the west and this season's winners of Silver Cups, Cash Specials, 20 First Prizes, and 12 Second Prizes at Chicago, Cleveland, Milwaukee and Blue Island shows. Stock to suit the most particular. Satisfaction guaranteed. Eggs, \$2 and \$3 per setting. Frank Kakuska, State Vice-President American Polish Club, 1629 Homan Ave., Chicago, Ill. 3-4

WHITE CRESTED BLACK POLISH exclusively. Cocks and cockerels for sale. Eggs, \$2.50 per setting. F. Kuechenmeister, 4838 Cullom Ave., Chicago, Ill. 3-3

WHITE CRESTED BLACK POLISH eggs that will hatch, \$4 per 13, from stock winning at largest shows in the country for past 10 years. Geo. W. Trent, Wilmette, Ill. 3-3

BEARDED GOLDEN POLISH—Prize-winners. Eggs, \$2.50 per 13. P. L. Wilkins, Frederickton, Ohio. 2-3

BEARDED, GOLDEN-SILVER Buff, Laced and White Crested Black Polish. Eggs for hatching; cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

POLISH. Eggs, \$2.00 per 15. Our Polish won two firsts, one second and one third at the great Chicago Show. Can send eggs from Golden Polish, White Crested Black Polish or Plain White Polish. Our pens are the best in the West. John Denver, 1847 S. 40th Ave., Chicago. 2-3

POLISH—Eight trios Golden Spangled Polish, not excelled for beauty of plumage and good layers. Must leave my little farm. Will sell very cheap, and they are beauties. Theo. F. Adams, Binghamton, N. Y. 1-3

ANDALUSIANS.

BLUE ANDALUSIANS. Ten years winning and laying. Eggs, \$2.00 per 15. Robert Street, Falconer, N. Y. 1-3

BLUE ANDALUSIANS—Exquisitely beautiful. Winners everywhere. New York, Jamestown, Baltimore, Washington and Richmond. H. Council, Warrenton, Va. 11-09-7mos.

BLUE ANDALUSIAN SPECIALIST—Winners at the leading shows; get my circulars and prices if quality is desired. Cockerels for sale. Eggs in season. H. H. Becker, Gibsonburg, O., Box 12. 2-3

BLUE ANDALUSIANS. Eggs, \$2.00 per 15, from the birds that captured two first prizes at the great Chicago Show. John Denver, 1847 S. 40th Avenue, Chicago. 2-3

GET THE BEST—Choice imported and domestic Blue Andalusians exclusively. First prize winners at leading shows. Choice stock and eggs for sale. W. T. Naylor, Painesville, Ohio. 2-3

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CORNISH AND WHITE INDIAN GAMES. Imported and prize stock. Eggs, \$2 per 15. White Wyandottes, White Leghorns—Eggs, \$1.50 per 15. Guarantee hatch, or duplicate. Cocks, cockerels. Breeding pens for sale. Baby chicks a specialty. Write for prices. Rath Bros., Turtle Creek, Pa. 3-2

RED PYLE GAMES with yellow legs. Cockerels for sale. Eggs, \$3 per 15. George Griffin, Brown, W. Va. 3-2

SNOW WHITE INDIAN Games. Stock and eggs. J. D. Pate, Sharon, Pa. 3-3

GAMES—WINNERS. Eight choice Black Red females; three Malay; five White Indian, also trio; grand Cornish cock. Thomas Brothers, Troy, N. Y. 3-1

FOR SALE—Game hens for pit breeding, bred from the best pit fighters. Address H. M. Littell, Macedon, N. Y. 3-1

EGGS, \$1.50 PER 13—Black, Red and Silver Duckwings. Pit Games. Stamp for circular. Clark Price, Rochester, Mich. 2-3

\$1.00 EGGS, IRISH REDS, Heathwoods. Indian, \$2. C. D. Smith, Fort Plain, N. Y. 2-4

PIT GAMES—SIX STRAINS and all at their best. Plenty of fine cocks and stags for sale. Circular free. W. C. Byard, Walnut Hills, Cincinnati, Ohio. 1-3

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FOR SALE—Cornish Indian Game eggs from prize winners. First pen, \$2 per setting; second pen, \$1 per setting of 13. O. M. Hayes, Shiloh, Va. 3-3

WHITE CORNISH GAME. Eggs from prize winning stock, \$2 per 15. C. D. French, Timberville, Va. 3-3

CORNISH GAMES. Prize winners. Special pens. Circular. Eggs, \$1.50 per 15. Frederick Shank, Timberville, Va. 3-3

CORNISH INDIANS. Thoroughbred exhibition stock, bred from best winter layers. 15 eggs, \$1.50; 30, \$2.50. S. A. White, Box A, Timberville, Va. 3-3

CORNISH FOWL—Bred from imported Chicago winners. Stock and eggs. Correspondence invited. F. E. Vanderhoof, Decatur, Ill. 3-3

CORNISH FOWL—Winners at Madison Square, Jamestown Exposition, Washington, etc. Stock and eggs. Circular free. R. D. Reider, Middletown, Pa. 3-3

CORNISH INDIAN GAME EGGS, \$2.50 per setting of 15. Guaranteed pure and true to name. Show winners. L. P. Selle, Harvel, Ill. 3-3

CORNISH INDIAN GAMES—The big, showy, stylish kind. Bred for egg production and general utility. Stock and eggs for sale. Be friendly. Write me. Mrs. A. Berry, Clarinda, Ia. 3-1

PIT GAME CORNISH Indian exhibition. Game eggs and stock. Wesley Lanus, Greensburg, Ind. 3-3

HENNESSY'S CORNISH FOWL won 1st pen great Iowa state show, Des Moines. Eggs, \$3 per 15; a few scored cockerels. Circular free. Hennessy Bros., Strawberry Point, Ia. 3-3

CORNISH FOWL—High-class winners at Madison Square, Washington and other eastern shows. Circular. Ray S. Wampler, Timberville, Va. 2-4

DARK CORNISH—Eggs from fine, large, blocky, well laced birds, \$2 per 15; fine 9-lb. stag for sale. C. Leitnaker, Basil, Ohio. 2-4

CORNISH—winners wherever shown. Send for circular describing my birds and matings; a few cockerels left. Dr. R. B. Munn, Box 32, Hampshire, Ill. 2-3

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WHITE GUINEAS and thoroughbred chickens and eggs for sale by Zipp & Sons, St. Clair, Mo. 2-3

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BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-4

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THE UHL HATCHERY will furnish chicks from over twenty varieties. Our prices and quality will please you. Catalogue. M. Uhl & Co., New Washington, Ohio. 2-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns. The hatched-right kind, strong, vigorous chicks that will grow. Incubator eggs a specialty. Free booklet. Address, L. M. Headman, Upper Black Eddy, Pa. 2-10-8 mos.

CHICKS—Single Comb Brown, Buff and White Leghorns, Buff Orpingtons, Reds, Hamburgs and Partridge Wyandottes. Pure stock guaranteed. Circular. Wyngarden Hatchery, Vriesland, Mich. 2-5

QUALITY BABY CHICKS, 10c up, from prize winning S. C. White and Brown Leghorns, White and Barred Plymouth Rocks, White Wyandottes. 20 page catalogue free. Peerless Poultry Farm, Kenton, Ohio. 1-3

CHICKS. LEADING VARIETIES hatched in mammoth coal heat incubator. Safe arrival, full count guaranteed. Catalogue free. Walnut Hill Hatchery, Macon, Mo. 1-3

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BUCKEYES, THE GREATEST LAYERS ever bred. Mrs. Gertrude Earl, West Quincy, Mass. 3-3

BUCKEYES EXCLUSIVELY, ninth year, Cincinnati firsts 1907-8-9. Gardner Dunning, Camden, Ohio. 3-2

BUCKEYES—STOCK and eggs for sale. Circulars free. Lindley Place, Meshoppen, Pa. 3-2

WILDWOOD FARM STRAIN BUCKEYES. Prize winning stock. Orders taken now for eggs. Send for circular. Mrs. E. C. Miller, 18 Laurence St., Wakefield, Mass. 3-3

BUCKEYES—AT MISSOURI STATE SHOW, St. Louis, 1909, in largest class of BUCKEYES ever shown in America, won 1st pen, 1st hen, 4th and 5th cockerels, silver cup for best male and female. Eggs, \$2 per 15, three settings for \$5. Exhibition mating, \$5 per 15. No stock for sale until fall. Highland Poultry Farm, Box A, Nevada, Mo. 2-3

BUCKEYES EVENTUALLY—Why delay? Three firsts St. Louis. Eugene Cowles, Shelbyville, Ky. 2-3

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SILVER GRAY. Two score years breeding have produced remarkable fine birds, hardy, good layers, winning many prizes in largest shows. Birds for sale. Eggs, \$3 per setting, two for \$5. Henry Hales, Ridgewood, N. J. 3-3

ELMWOOD COTTAGE POULTRY YARDS, J. H. Pitney, Prop., Eagle Bridge, N. Y. Colored, White and Silver Gray Dorkings. Eggs, fifteen, \$1.50; thirty, \$2.50. 2-3

SILVER GRAY DORKINGS exclusively for 21 years. Won more first and special prizes at New York and Boston the last thirteen years than all my competitors combined. Late winnings, 1910, \$100 champion challenge cup, Dorking Club cup, silver medal, first collection and shape and color specials. Eggs, \$3, 13; \$5, 26. Watson Westfall, Sayre, Pa. 2-4

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WHITE FACE BLACK SPANISH eggs, 15 for \$1.20. Winnie White, Watson, Ill. 2-3

WHITE FACED BLACK SPANISH eggs \$1.50 per 15. First prizes at three shows. Robert Sutton, Solon Mills, Ill. 3-3

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WHITE FACED BLACK SPANISH. None better bred; from winners at Montreal, Pan-American, Jamestown, Boston and Cleveland. Eggs, \$2 per setting. Satisfaction guaranteed. T. T. Murray, Columbus Ave., Sandusky, Ohio. 3-3

WHITE FACE BLACK SPANISH. Best in America. Eggs, \$1.25 for 15. Stock for sale. Satisfaction guaranteed. Circular free. M. H. Lindsey, Northville, N. Y. 2-3

BLACK SPANISH eggs from high-scoring birds, \$1.50 per 15. Have cockerels to spare. Emil Rusch, Freistatt, Mo. 2-3

BUTTERCUPS.

SICILIAN BUTTERCUPS. Bred by H. V. Meeker, 1114 Earl, Toledo, O. 3-1

BUTTERCUP EGGS FOR HATCHING from a carefully selected pen. Circular free. Ray Rickard, Schoharie, N. Y. 3-1

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BUFF TURKEY TOMS, \$4 each. Mrs. May Sawtell, Colo, Iowa. 3-1

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 360. 2-11

MAMMOTH WHITE HOLLANDS. Winners at St. Louis and other great shows. Best of quality, size and vigor. Eggs, \$5 per eleven. J. A. Bickerdike, Millersville, Ill. 3-3

BOURBON RED TURKEY TOMS, \$5 each. John Goodwine, Potomac, Ill. 3-1

BUFF TURKEYS. Solid buff wing and tail. Eggs in season, \$4 per 15 eggs. Address M. Stoner, Shannon, Ill. 3-1

BRONZE TURKEY eggs 25c each. O. J. Austin, Pana, Ill. 3-3

BRONZE TURKEY AND BUFF ROCK eggs for sale. Choice matings. Cecil L. Wheelock, Tampico, Ill. 3-3

JUMBO BRONZE TURKEYS from 50-pounders, 29 ribbons in three shows. Large bone, white edgings, score to 97½, 10 eggs \$3. C. R. Smith, Burnt Prairie, Ill. 3-3

WHITE HOLLAND TURKEYS (Fleck), containing many high scoring prize winners. Eggs, \$3 per 10. W. A. Smith, Burnt Prairie, Ill. 3-3

WILD AND BRONZE TURKEYS AND EGGS—Handsomely Catalogue free, showing Wild Gobbler right from the mountains. Valley View Poultry Farm, Belleville, Pa. 2-3

LARGE WHITE HOLLAND TURKEYS—30-lb. Toms. Eggs, 13, \$2; 50, \$7.50; 100, \$15. Write wants; circular free. J. C. Hodges, Waterloo, Ind. 2-4

BRONZE TURKEYS—FIRST PRIZE winners at Illinois and Missouri State shows and other leading shows. William Ringhouse, Havana, Ill., R. 2, Box E. 1-3

MAMMOTH BRONZE TURKEYS. Twelve years a breeder. C. C. Cortner, Farmland, Ind. 1-3

DUCKS.

DOMESTICATED ¾ WILD Mallard Decoys. Birds or eggs. Reasonable. John Peacock, Jr., Morris, Ill. 3-3

FOR SALE—Green Muscovy ducks, \$5 a trio. Apply, Mrs. Allen, West Hinsdale, Ill. 3-2

INDIAN RUNNER DUCKS—Excellent quality, thoroughbred. Eggs, \$1.50 per 11. Few choice drakes for sale. F. H. Thompson, Emsworth, Pa. 3-2

INDIAN RUNNER DUCKS, finest quality and heavy laying strain. Eggs now \$3 per setting of thirteen. Special prices on lots of fifty or more. Mrs. Jonas Pollock, R. D. 9, Goshen, Ind. 3-3

ROUEN DUCKS. CHOICE EXHIBITION stock with size and quality. Eggs, \$2 per 12; \$5 per 36. Address Edw. Davidson, Box 18, Carey, O. 12-09-11

INDIAN RUNNER DUCKS, Standard bred, fawn and white. Ten years of careful breeding has produced a remarkable exhibition and laying strain. Eggs from high scoring pens only \$1.50 for 11. George Barkdoll, West Unity, Ohio. 3-3

PEKIN WHITE DUCKS, \$1.50 per thirteen eggs. Orders booked now. Black Oak Poultry Yards, Black Oak, Ark. 3-1

¾ WILD MALLARD decoy eggs, fair hatch guaranteed. Chas. Jackson, Alfalfa, Tex. 3-3

INDIAN RUNNER DUCKS. BETTER THAN EVER. Pens headed with drakes of Hunt's famous 280-egg strain of England. White eggs. Eggs, \$1.25 per 13. New drakes. Asa O. Pence, Converse, Ind. 3-3

ROUEN DUCKS. Eggs for hatching, from winning Rouen ducks, \$1 per 7, \$2 per 15. J. H. Rutherford, Caledon East, Ontario, Canada. 3-1

PEKIN DUCKS. First prize winners in three shows. Eggs, \$1.25 per 13. W. A. Smith, Burnt Prairie, Ill. 3-3

BUFF ORPINGTON DUCKS. Mammoth Buff Geese. Eggs only. J. H. Leatherman, Wadsworth, O. 2-3

COLORADO MUSCOVY DUCKS—Have several fine young drakes and a few females left. Am booking orders for eggs for April delivery. Walter E. Besecker, Delavan, Wis. 2-3

INDIAN RUNNER DUCK EGGS, from utility stock, \$1 per 13, \$6.50 per 100; fawn and white pen, No. 1, from Cleveland and New York winners, \$3 per 15; pen No. 2, headed by Drake from New York, winner, \$1.50 per 15. Kent Jennings, Mt. Gilead, Ohio, Route 2. 2-4

LARGE AUSTRALIAN BUFF DUCK—Eggs. Latest and greatest of all. Pineapple Duck Farm, Kirbyton, Ky. 2-2

INDIAN RUNNER, FAWN and WHITE Duck eggs, 10c per egg. A. J. Francis, Youngstown, Ohio. 2-3

INDIAN RUNNER DUCKS exclusively. Finest quality and heavy laying strain. Order eggs now, \$1.00 per setting 13. Aaron Fisher, La Park, Pa., Box 32. 1-3

WINGERT'S INDIAN RUNNER DUCKS. True fawn and white. Eggs, \$2.00 per 13. J. J. Wingert, Crawfordville, Ind. 1-3

MAMMOTH PEKIN DUCKS. First prize winners. Eggs, 12, \$1.00, from heavy laying, choice, vigorous stock. J. E. Montgomery, Nashport, Ohio. 1-3

INDIAN RUNNER DUCKS. Imported stock. Magnificent exhibition strain. Flock averaged 204 eggs each per year. We are booking egg orders from the best stock in the entire country at only \$2 per 11. Hillcrest Duck Farm, G. W. Maglott, Manager, Bellville, O. 1-3

INDIAN RUNNER DUCK eggs, Chicago and Madison Square first winning descent. Chansler Bros., Bicknell, Ind. 1-3

GEESE.

EMBDEN GEESE. Eggs, 20c apiece; one extra with order of twelve. Martha Montgomery, R. 2, Dexter, Mo. 3-3

MAMMOTH TOULOUSE GEESE eggs, 20 cents each. Fred Scholl, Memphis, Indiana. 3-1

TOULOUSE GEESE—McClave. Stock and eggs. Harris Crewe, Still Pond, Md. 2-2

McCLAVE EMBDEN GEESE. Good breeding stock. Prices right. Delivery guaranteed. Jas. Heddins, Charleston, Ill. 1-3

EMBDEN AND WHITE CHINA GEESE. Extra large, bred from our Chicago prize winners. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 1-3

TURKEYS, DUCKS AND GEESE.

TOULOUSE GEESE, very large; eggs, 25c each. Pekin Ducks (Japanese and Rankin), 11-pound drakes. Eggs, \$1 per 12; 100, \$5. Springbranch Poultry Farm, Bellville, O. 3-3

GEESE—MAMMOTH TOULOUSE and White China. The winning kind. Eggs, 25c each. Ducks—Big Pekin, Rouen, Cayuga, Indian Runner, Colored and White Muscovy, Gray and White Call. Exhibition strain. Eggs, 13c each. B. W. Brorein, Wapakoneta, Ohio. 3-3

EGGS FROM PRIZE WINNING STOCK. Toulouse Geese, Embden Geese, Rouen Ducks. Eggs sure hatch. Eggs, 30c each and 10c each. Wm. P. Sutter, Fairbury, Ill. 3-3

WHITE CHINA GEESE—1st prize winners at Chicago. Biggest layers, best feathers. Eggs, 25c each. Choice Indian Runner Duck eggs, 11, \$2.50. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

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WHITE WYANDOTTES, Single Comb White and Brown Leghorns, Rose Comb Reds. Book egg orders now, \$1 per 15, from heavy laying, choice, vigorous stock, satisfaction guaranteed. Mammoth Poultry Yards, R. F. D. No. 2, Box 70, Mt. Pleasant, Pa. 3-1

EGGS \$1 FOR 15, Baby Chicks 12c, Single Comb White, Rose Comb and Single Comb Black Minorcas, White and Brown Leghorns, Anconas, Houdans, Red Caps, Dorkings, Barred Rocks, and Reds. Louis Waber, New Galilee, Pa. 3-3

INDIAN GAME AND WYANDOTTE SPECIALIST. White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden, Partridge, Buff and Columbian Wyandottes. Catalogue and winnings. H. J. Hunt 3rd, Bethesda, Md. 12-09-11

FOR SALE—BUFF COCHINS and Cornish Indian eggs from Casey, Newton, Evansville winners; \$1.50 per 15. Chas. Reber, West Liberty, Ill. 3-3

BUFF ROCK AND SINGLE COMB Buff Leghorn cockerels, \$1.25 to \$3. Eggs for hatching, \$1, \$1.50 and \$2 per 15. A. A. Yeates, Bradley, Ill. 3-1

HOUDANS AND SINGLE COMB BUFF LEGHORNS. Two breeds of the very greatest producers of large white eggs in the world. Stock and blood from the very best breeders in the United States, mated and bred carefully for eggs and all business qualities. My Houdans are Houdans all over. Same implies to my S. C. Buff Leghorns. Leghorn eggs, \$1 per setting. Houdan eggs, \$1.50 per setting. Either kind, \$5 per 100 eggs. Large orders my specialty. Orders booked now. A few choice cockerels and pullets of both breeds for sale. Geo. C. Schwegman, No. 309 South 4th St., Richmond, Ind. 3-3

BRONZE TURKEY EGGS \$3, Bourbon Red \$4 and \$5, Barred and Buff Rock \$2, Indian Runner Duck \$1 and \$2, Pekin Duck and Utility Barred Rock \$1 per setting. Mrs. Geo. Simpson, Owensville, Ind. 1-3

TEN POULTRY FARMS. Ten leading varieties. Farm raised on free range. From best strains. We are now booking orders for eggs. Write for prices, etc. No more stock for sale now. Millersburg Egg & Poultry Co., T. M. McClure, manager, Millersburg, Ohio. 3-3

FOR SALE—EGGS FROM Houdans, Single Comb Buff Orpingtons, Silver Spangled Hamburgs, White Cochins Bantams, at \$1 per 15, \$2 per 40, \$5 per 100. Single Comb Crystal White Orpingtons, Kellerstrass strain, \$1.50 per 15, \$4 per 50, \$7 per 100. Ed. Schumann, Madison, Ind. 3-3

SINGLE COMB BUFF, BLACK ORPINGTONS, Rose Comb Black Minorcas, Anconas, Silver Gray Dorkings, Columbian Wyandottes, Barred Plymouth Rocks, Houdans. Eggs, \$1.25 15, \$2.25 30, \$5.75 100. White English rabbits, President Roosevelt seed potatoes. Catalogue. M. R. Cummings, Maryland, N. Y. 3-3

EGGS, 15 \$1; 100, \$5. Barred, White Rocks, White Leghorns, Milton Brown, Route 3, Attleboro, Mass. 3-3

EGGS FROM PRIZE WINNERS, by the setting, and hundred. Black Langshans. White and Silver Wyandottes. Single Comb Brown Leghorns. Buff Cochins Bantams. Muscovy ducks. Gus. Norton, Union City, Mich. 2-3

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WANTED TO BUY—White Orpington eggs in large quantities. Write, stating how many you can furnish and at what price. Matthew Mertz, 907 W. 15th St., Des Moines, Ia. 3-1

MIDDLE AGED AMERICAN will put established poultry plant on profitable basis, or establish new one. Country place preferred. Guarantee results. Dunham, 1025 Tiffany, Bronx, N. Y. 2-2

WANTED—PIGEON DUNG. Write Pfister & Vogel Leather Co., Milwaukee, for prices, etc. 2-3

WANTED TO BUY pure bred poultry of many varieties, yearlings and early hatched. Write, describing what you have, giving lowest price. Matthew Mertz, 907 W. 15th St., Des Moines, Iowa. 10-09-tf

WANTED—FARMS AND BUSINESSES. Don't pay commissions. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, Minneapolis, Minn. 11-09-6mos.

EXCHANGE.

WILL EXCHANGE VERY LARGE runts and dragons for S. C. White Leghorn and S. C. R. I. Red hatching eggs. Paul Wilke, 338 1/2 Desplaines Ave., Forest Park, Ill. 3-1

BARRED PLY. ROCK WINNERS

New York, Chicago, Indianapolis and Fort Wayne. My latest great victory at the Fort Wayne Show, January, 1910: First cock; first and second hen; first and second cockerel; first, second and third pullet; first pen; cash special for second display in American class.

GRAND COCKEREL SALE NOW ON. 100 snappy, ringy, narrow barred birds of my best blood lines at greatly reduced prices for thirty days. These males will give your stock quality and type that you have never had before. Fine breeding hens and pullets in any number. **EGGS** from the **BEST** birds I ever owned. Order a setting and raise some winners. Circular free.

G. EARL HOOVER, Originator of the Hoosier Strain, R. R. 24, MATTHEWS, IND.



MARY

S. C. Red pullet. Rich, even red, with black tail and correct wing markings, oblong body; the laying type to be found in the Red Raven Strain.

ZIMMER'S RED RAVEN STRAIN S. C. Rhode Island Reds

Have superior quality to be found only in the Red Raven Strain

Eggs, \$15 Per Fifteen

Better book your orders now if you wish to secure blood from the noted Red Raven Strain. Fertility and fair hatch guaranteed. One-third deposit required with order. Pens are headed by Red Raven 4th and 5th, cock birds, and Red Raven 6th, a fine cockerel. Some good breeding cockerels cheap.

J. G. BUDDE & CO. Successors to C. W. Zimmer **OAK PARK, ILLINOIS**

Eggs or Chicks BUFF, BLACK & WHITE ORPINGTONS

*Madison Square Garden
Chicago, Indianapolis,
Cleveland and Cincinnati
First Prize Winners*


All infertile eggs replaced free. All dead chicks replaced by live ones. Send today for my 16-page 1910 catalogue, fully illustrated with photos of birds, etc., also description of my matings and giving prices of eggs and day-old chicks from prize winning and utility pens. It will be mailed free upon request.


WILL H. SCHADT
BOX 6 :: GOSHEN, INDIANA





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RATES for Illustrated Breeders' Cards. Forty-word card, with small sized illustration (to be furnished by us), \$1.75 per month for less than one year, \$18 for one year, payable quarterly in advance. Words in excess of forty, six cents extra per word per month. Numbers and initials count as words. Copy for advertisements, **plainly written**, should reach this office by the nineteenth of the month preceding date of issue. In answering these ads please mention American Poultry Journal.


 **PHEASANTS — HEALTHY YOUNG** Ringnecks, English and China, also young Amherst cocks. Fifty Single Comb Buff Orpington pullets at \$2 to \$4 select ones. Twenty-five cockerels, \$2.50 to \$5 and a few better ones. Also Kellerstrass White Orpingtons. Eggs in season.
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 **ILLUSTRATES AND GIVES PRICES OF** all the leading varieties of land and water fowls, farm raised stock for sale and eggs in season. Send two cents in stamp for my poultry book.
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Box A, Freeport, Illinois


 **BLUE RIBBON S. C. BUFF ORPINGTONS**—Won at Pittsburg, Kansas, Poultry Show, December, 1909, first cockerel, first, second and third pullet and first pen. Eggs, \$1.50, \$2.00 and \$2.50.
C. D. SPRINGER
Richards, Missouri


 **"RINGLET" BARRED ROCK EGGS**—Winings at Montgomery County Show, December, 1909, in hot company; Pierce, judge. First cock, first and second hen, first cockerel, first and fourth pullet, first pen, first, second and third yards. Write for mating list.
CHAS. BAUER
Litchfield, Illinois


 **SILVER WYANDOTTES — WINNERS** at Chicago, Indianapolis and Springfield. 200 high class exhibition and breeding cockerels at a bargain. Eggs from best matings, \$3 per 15; \$5 per 30; \$7 per 45. Circular free.
ORCHARD VIEW POULTRY FARM
3-1 C. F. Schroeder, Prop., St. Peter, Ill.


 **ROSE COMB REDS & SINGLE COMB** Buff Leghorns. Blue ribbon winners. Reds scoring 92 to 94; Leghorns 92½ to 96½. Eggs \$1, \$2 and \$3 per fifteen. Send for mating list.
D. KILMER
Elkhart, Indiana


 **BUFF ROCKS, POLEY & DELVENTHAL** strains; S. C. Brown Leghorns, Kulp's strain; S. C. W. Leghorns, Young's strain. Best prize winning strains in America. Good hatch guaranteed. Eggs, \$1.25 per 15; \$2 per 30; \$6 per 100.
PERRIER PARTY & CO.
Bonnets Mill, Missouri


 **MORGAN'S GIANT BRONZE** Turkeys, largest strain in America. Prize winners. Tom sired by 58-pound tom, heads best yard. Eggs a specialty. Barred Plymouth Rocks, Bradley's strain, finely barred, grandest of matings, descriptive circular giving prizes won, free.
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 **MAMMOTH BRONZE TURKEY** eggs, \$2.50 per 10 from high scoring, heavy weight birds. Toulouse Geese eggs, 25c each. White Wyandotte and Buff Orpington eggs, \$1.50 per fifteen. Pekin Duck eggs, \$1 per eleven.
GEO. REILING
Springerton, Illinois


 **SILVER LACED WYANDOTTES EX-** clusively. Springfield, Atlanta and St. Louis winners. Stock reasonable, eggs from these winners, \$2 per 15; \$3.50 per 30; \$8 100. PROGRESSIVE POULTRY FARM,
August W. Schroeder, Proprietor
9-09-1yr Chestnut, Illinois


 **DARK BRAHMAS, BARRED PLY-** mouth Rocks, Buff Wyandottes. Breeding and show birds for sale. They win for me at our largest shows, they will win for you. Write your wants. I can satisfy you in price and quality.
W. A. FULLER
Fultonville, New York


 **FREE CATALOGUE OF FINE THOR-** oughbred poultry. All varieties of Cochins Brahmas, Langshans, Rocks, Wyandottes, Houdans, Orpingtons, R. I. Reds, Leghorns, Andalusians, Hamburgs, Ducks, Geese, Turkeys, incubators and brooders. All stock and eggs guaranteed.
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 **NICE TOULOUSE GEESSE, \$4.50 PAIR.** Embdens and Chinas. Five varieties ducks, four kinds turkeys. Wyandottes Hamburgs, Brahmas, Langshans, Leghorns. Rose Comb Browns a specialty. Won 149 prizes Indiana State Fair, 1909. Pedigreed Fox Terrier females, \$3.50.
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 **THE NOTED PREMIER STRAIN** White Wyandottes, prize winners. Excel in shape, color, vigor and laying qualities. Farm raised, line bred. Send order early for stock and eggs.
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 **SINGLE COMB BROWN LEGHORNS;** champions of the entire West; over 300 prizes in twenty years. Record unequalled. Right color, size and shape. A chance to get one-year-old breeding hens at half price. Circular free.
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 **PEA FOWL, EMBDEN AND EGYPT-** ian Geese, Pekin and Runner Ducks, Rhode Island Reds and White Plymouth Rocks, White Swan, also Milch Goats.
RELANCE POULTRY FARM
3-1 Joliet, Illinois


 **WHITE ROCKS—FISHEL STRAIN** Pens scoring 92 to 95 points, \$2 and \$3 per setting. S. C. White Leghorns, 93 point pen, \$2 setting. Utility matings —Rocks, \$8; Leghorns, \$6 per 100.
SUNFLOWER POULTRY YARDS
2-2 Box 1, Grafton, Illinois

 **BRYANT'S BARRED ROCKS, PEKIN** Ducks, Toulouse Geese, Mammoth Bronze Turkeys and Pearl Guineas are unexcelled in quality. Winning honors at Cincinnati, Hamilton and Dayton. Eggs for hatching at reasonable prices. Write me your wants. Satisfaction guaranteed. CLIFF BRYANT, Hamilton, Ohio 3-1

 **MAMMOTH BRONZE TURKEY** eggs, \$3.50 for 11; from heavy weight, high scoring birds; from old hens and farm range. White Rock eggs, \$1.50 for 15, \$6 per 100.
E. W. RINGWOOD
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 **CEDAR GROVE FARM WHITE WY-** andottes—Will book orders for limited number of eggs from winners, first pen St. Louis or other winners. Have a very fine list this year. My utility stock cannot be beat. Write me.
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 **SNYDER'S S. C. BUFF LEGHORNS**—Are winners and layers. Winning five firsts and three seconds at Greensburg, Pennsylvania. Eggs from birds that will produce winners. Write today for free catalogue and mating list. PRAIRIE HILL POULTRY FARM
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 **HEIL'S S. C. BUFF LEGHORNS**—Again win at Madison Square Garden, New York, and Philadelphia, Pennsylvania. Some grand pens mated for the egg trade. Catalogue and mating list for 1910 free.
WILLIAM H. HEIL
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1-10-1yr

PARTRIDGE PLYMOUTH ROCKS Leghorns, Anconas, Minorcas, Wyandottes, Cochins Bantams and ducks and several other leading varieties. Stock that is bred to win and lay. Eggs \$1.50 and \$2.50 per setting. Satisfaction guaranteed. Catalogue free.
B. H. KOCH
Silverdale, Pennsylvania



1-6

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain; White Wyandottes, Fishel strain. Eggs for hatching from excellent pens of the both breeds. First prize winners at the Wisconsin State Fair. Before placing your order, send for my circular.
ROBERT O. JONES, Lannon, Wisconsin



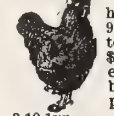
TOULOUSE GEESSE FROM 24-LB. Ganders, \$4.00 to \$6.00 pair. Eggs 30c each, \$3.00 dozen. Mammoth Pekin Ducks \$6.00 trio. Indian Runner Drakes \$3.00 to \$5.00. Eggs \$1.50 per setting, two settings \$2.50.
WOODLAWN POULTRY FARM
1-3 Box 1, Kirkwood, Missouri



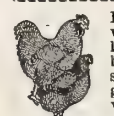
SHOW BIRDS. BLACK LANGSHANS of the highest quality; correct shape and color; up in weight. Winners at the best shows. Old and young stock for sale; high scoring. Prices right. Eggs \$3 setting.
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ZINNER'S TRAP NEST PEDIGREED White Rocks. Win at Peoria, cockerels, first and tie for second; scores, 95½ and 94½; pullet, fourth; score, 94½. Eggs \$2 for 15. Only three matings. Reference, First National Bank.
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1-10-1yr Chillicothe, Illinois



S. C. BUFF ORPINGTONS—PENS headed by cocks and cockerels scoring 93½, 93½ and 91½. Hens and pullets up to 94½. Eggs, \$1.50 per 15; \$2.75 per 30; \$5 per 60. Hens and pullets for sale, \$2.00 each. White Plymouth Rocks. Pen headed by cock scoring 94½. Eggs from this pen, \$2 per 15. J. A. BLICHMANN
Dubuque, Iowa



BARRED PLYMOUTH ROCKS—EIGHT winning males and a clean sweep on pullets has never been approached by any breeder in the history of the Pittsburg show. Send for my new mating list and get your eggs from the Barred Rocks that win the prizes. Large vigorous cockerels and pullets for sale. Guarantee satisfaction.
HARVEY L. FIKE, Meyersdale, Pennsylvania



FORTY VARIETIES OF PURE BRED chickens, ducks, geese and turkeys, Northern raised, hardy and fine in plumage. Lowest prices for stock and eggs, incubators and brooders. Large illustrated catalogue mailed for 4 cents.
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BRADY'S S. C. BUFF ORPINGTONS—won at Kansas City at the National Club meeting, first cock, first hen, third cockerel and fourth pullet. Shape old tie. Write for mating list and show record.
M. S. BRADY
Richards, Missouri



SINGLE COMB RHODE ISLAND REDS—Of the finest quality. Good in shape and color. Winners at Keokuk, Kewanee, Bushnell, Galesburg and Camp Point. Mating list and show record free. I can satisfy you in quality and price.
ROY HEY
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GOLDEN AND SILVER LACED WYAN- dottes—A breeder since 1894. Winning at Chicago, St. Louis and other large shows. Eggs, \$2 for 15; \$3.75 for 30; \$5 for 45.
D. TREHARNE
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WHITE PLYMOUTH ROCKS, FISHEL and Foy strains. Four years have been devoted to breeding a high grade of layers. Good as the best, \$1.50 per 15 eggs; \$7 per 100. Satisfaction and honest goods at reasonable prices is our aim.
U. A. FOSTER, Manager, Coesee, Indiana
3-10-1yr



MR. M. J. HILLEY, BREEDER OF black breasted red game chickens. Eggs and stock for sale. Satisfaction guaranteed. Correspondence solicited.
40 Hering Street, Cadillac, Mich. 3-1



LIGHT BRAHMAS, WHITE WYANDOTTES Single Comb White Leghorns and Toulouse Geese. Winners wherever shown. Won two cups at one show. Stock and eggs for sale. Catalogue free. **W. M. SIMONS**, 9-09-1yr Assumption, Illinois



INDUSTRIOUS HOUDANS—IF YOU are looking for first class Houdans show or utility stock or eggs. Try me a "whirl." Satisfaction guaranteed.

ALMON A. CHIVERTON

2-2 Box A-62, Livermore, Kentucky



S. C. WHITE LEGHORNS—EXHIBITION and egg laying strain combined. A little stock left. Prices right. If not satisfactory, can be returned. Eggs for hatching, \$1.50 per setting; \$6 per 100. Have won at leading shows in South. **D. D. SLADE**, R. 8, Box 91, Lexington, Ky. 2-10-1yr



I WANT YOUR ORDERS FOR EGGS and stock and have the birds to back me up. **S. C. Br. Leghorns** exclusively. I won first pen at Youngstown, 15 eggs \$3 and \$5. **JOHN JENNESS**, 46 Eastbrook Street, New Castle, Pa. 2-10-1yr



AMERICA'S FINEST BARRED AND WHITE ROCKS and White Wyandottes bred for utility and beauty by **Wm. M. Wayne**. My pens are mated for 1910. Eggs, \$1 to \$3 per 15 from the finest birds that ever graced my yards. 15 years a breeder. Give me a trial. I always please. **OZARK POULTRY YARDS**, Cuba, Mo. 2-10-1yr



THE FANCIERS CLUB, BUTLER, IND.—13 varieties scoring 92 to 96. Rhode Island Reds, Rose and Single combs; Rocks, Partridge and Barred; Wyandottes, Columbian, Partridge, Golden and White; Orpingtons, Black, Buff and White; Hamburgs, Silver Spangled; Leghorns, Brown Rose Comb; Langshans, Black. 2-10-1yr



McCUE'S "RINGLET" BARRED PLYMOUTH ROCKS—Unexcelled in size, vigor, beauty and eggs. Winnings, Richmond, January, 1910, first cock, first, second, fourth and fifth cockerel, special best display. Choice stock. Exhibition eggs, 15 for \$4. Utility, 15 for \$2. **LESLIE H. McCUE**, State Vice-President American Poultry Club, Box 16, Greenwood, Va. 2-3



LIME ROCK, WHITE AND PARTRIDGE PLYMOUTH ROCKS and Single Comb White Leghorns. Leghorn eggs, \$4 per 100. One setting free to first inquiry for mating list from each state. Satisfaction guaranteed.

EMORY MOYER

Randall, New York



SILVER LACED WYANDOTTES EXCLUSIVELY. Eggs from a great laying strain and prize winners. Open faced. If you want something healthy, strong, vigorous and beautiful, send me your orders. \$3 per 15; \$5 per 30.

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EGGS FOR HATCHING. BARRED ROCKS, COLUMBIAN AND WHITE WYANDOTTES. Farm raised and bred from the best selected stock. Capable of winning and producing vigorous chickens. Purchasers guaranteed a square deal. Eggs, \$1.50, 15.

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BARRED ROCKS AND S. C. BROWN LEGHORNS. Cocks and cockerels for sale. With and without score card. Eggs from prize winners at \$1.50 per setting of fifteen eggs.

MRS. OLIVE L. SANARD

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ROSE COMB BROWN LEGHORNS—Of grand show quality. Birds that are my pride, and the pride of my customers. The large kind that are heavy layers of big eggs. Eggs, \$1.50 per fifteen; \$2.50 per thirty. Catalogue free.

W. W. CARMAN

1-10-1yr Margaretville, New York



PURE "RINGLET" BARRED ROCKS from Thompson's best lines. Yards mated by expert to produce winners. Two matings. Grandsons New York champion, Hardy, prolific, farm raised stock. Fifteen eggs, ckl. or pul. mating, \$2.00; 30, \$3.50; single mating, \$1.25; 50, \$3. Circular.

REV. F. GOULD

3-1 Fancy Prairie, Illinois



HARRY B. ARBLE, BREEDER OF Barred Plymouth Rocks exclusively. Stock for sale. Eggs in season. 201 New Castle Street, Butler, Pennsylvania 3-10-1yr



S. C. W. LEGHORNS AND WHITE WYANDOTTES. "Line bred the best kind." Eggs and stock from selected high scoring birds. Brown Belgian Hares. **R. A. LEE**, Manager Tinley Rescue Home Poultry Yards, operated for the benefit of the Tinley Rescue Christian Home, Omaha, Nebraska 3-2



SINGLE COMB REDS, LESTER TOMPKINS' strain. Silver cup winners. Eggs from pens headed by males scoring 94 to 95½ and females 91 to 93¾ by **McClave**, \$2 per 15. Utility birds \$1 per 15; \$5 per 100. **WM. GINN**, Delphi, Indiana 3-3



WHITE ROCKS—GREYSTONE strain. Madison Garden winners, winning at three shows, 1910, scoring to 95½, large, vigorous, great laying, fine white stock, yellow legs and red eyes. Stock for sale. Eggs, \$2 per fifteen. **T. HEFFRON**, 1218 Jackson Street, Rockford, Illinois 3-3



WHITE WYANDOTTES. WINNERS at Keokuk, Iowa. Score to 96 by Ellison. Barred Rocks, Ringlet strain. Winners Centerville, Iowa. Buff Orpingtons that are buff to the skin. Eggs, \$2 per 15. \$10 per 100.

KINEY I. MILLER

Box T, Lancaster, Mo.



WHITE WYANDOTTES. OUR EXHIBIT at Nazareth and Easton, 1909-10. Won thirty-one regular and special prizes. Cup and gold special best Wyandotte, both shows. Special whitest bird. Eggs, \$2.50 per fifteen.

SLATE VIEW YARDS

Box 6, East Bangor, Pennsylvania 3-3



MAMMOTH BRONZE TURKEY EGGS. Toms score 96 and 96½, Hens to 95½. Are standard weight and over. Have bred Mammoth Bronze 13 years straight. \$3 per 11 eggs, carefully packed.

A. L. ACKERMAN

3-3 Rte 6, Rich Hill, Missouri



EGGS FOR HATCHING. GOLDEN, SILVER and Partridge Wyandottes, Barred, Buff and White Plymouth Rocks, White Langshans, Silver Gray Dorkings and African Geese. Prices right. Catalogue free.

J. L. HOAK

3-1 Rte 3, Spencerville, Ohio



CRAWFORD'S ROSE COMB BROWN LEGHORNS win at Madison Square, third cock, second cockerel, second and fifth pullet, second pen and gold special, silver cup and gold special on variety at International, Buffalo. Stock and eggs. Circular.

JAMES CRAWFORD

3-10-1yr Cameron Mills, New York



ORPINGTONS OF QUALITY IN SINGLE COMB, White, Black and Buff; also Houdans. Winners at Easton, Scranton and Nazareth, Pennsylvania. Stock and eggs for sale. Prices within reach of all. Write

A. H. MERRILL & SON

3-10-1yr Box 16, Washington, New Jersey



WHITE PLYMOUTH ROCKS, GOOD size, shape and color, and lots of vigor. My birds are not only standard bred but bred for egg producing excellence. Eggs from four grand pens, \$2 and \$3 per 15; \$3.50 and \$5 per 30; \$9 and \$12 per 100. Eggs that will hatch birds that will prove a pleasure and a profit. Satisfaction guaranteed. Quality, not quantity, is my motto. **ELBERT E. LAWRENCE**, Box 102, Craig, Missouri 3-1



S. C. BUFF ORPINGTONS, GREATEST Winter layers, carefully mated, solid buff birds, farm range. I hold the record for producing Winter eggs. Williams & Byers strain. Eggs, \$1.15; \$1.50, 30. **GEORGE ALOOCK**, Fairview Poultry Farm, New Lisbon, Wisconsin 3-3



PEKIN DUCK EGGS FROM PRIZE-WINNING matings. Stock scoring to 97½. \$1.50 per setting of 10. Embden Geese eggs from high class exhibition matings, \$1.50 per setting of 7. Geese weigh from 17 to 24 pounds.

MAPLE GROVE FARM

3-1 Rte 9, Decatur, Illinois



LIGHT BRAHMAS. EGGS FROM choice matings, \$2 per fifteen. Send orders early.

JNO. F. WOODS, Utility Farm

1-10-1yr Rte 19, Owensville, Indiana



WALTER M. LOOMIS, BREEDER OF line bred White Wyandottes exclusively. I have them white as snow, typical shape and bred for laying quality. Eggs, \$2.50 per 15; or in lots of 50 or over, 15c each. Satisfaction guaranteed.

WALTER M. LOOMIS

Mansfield, Ohio



SINGLE COMB WHITE LEGHORNS Genuine Blanchard strain. Leading layers of large white eggs. Correspondence cheerfully answered. Stock healthy, vigorous, beautiful and active. Eggs, \$1 per fifteen.

RANSOM N. RIDGE

n-2 St. Joseph, Missouri



"RINGLET" BARRED ROCKS DIRECT from E. B. Thompson. Stock scoring 88 to 93½ in show room. Eggs from best exhibition cockerel or pullet matings, \$3 per 15, or \$5 per 30. Fertility guaranteed.

MAPLE GROVE FARM

Rte 9, Decatur, Illinois



SINGLE COMB BUFF LEGHORNS won first cock, first cockerel, first, third and fourth pullet. Five prizes on five entries at 1910 Cleveland show. Eggs for hatching that will hatch. Write for prices. **Walter Krey**, 2106 West 95th St., Cleveland, Ohio 3-3



LORENZ'S BLUE RIBBON Black Langshans, Meyer strain, cockerels, \$2. 18 eggs 1st pen, \$2; 2nd pen, \$1.50; range flock, \$1; 100; \$4; Mammoth Bronze Turkey winners, eggs, 25c each. **John P. Lorenz**, Spring Valley Farm, Perryville, Missouri 3-1



DON'T BUY AN INCUBATOR UNTIL you read about the original safety, metal case, automatic alarm and O. K. brooder fixtures. Eight years success. Write today for catalogue.

O. P. PHILLIPS, Mfr.

Box A, Amo, Indiana.

Ringbar : : : Barred Rocks

eggs from selected matings, 15 for \$1; 100 for \$5. **MRS. J. A. WALTER**, Hopkins, Michigan 3-3

Columbian Wyandottes

AND COLUMBIAN PLYMOUTH ROCKS. Eggs from prize winning matings at \$3 per 15; \$5 per 30. Eggs booked for delivery after April 1. **L. H. DAVIS**, Port Jefferson, New York 9-09-1yr

Day-Old Chicks...

let free. **OLD HONESTY HATCHERY**, Dep't A, New Washington, Ohio 1-3

SILVER LACED WYANDOTTES.

BARRED PLYMOUTH Rocks, White Crested Black Polish. Direct descendants from Madison Square and Chicago winners. Twenty-eight prizes, two diplomas at Oelwein, Iowa, January, 1909. Choice stock for sale. Circular free. **CASCADE POULTRY YARDS**, Wm. Neiers, Proprietor, Cascade, Iowa. 11-09-1yr

WHITE : : : WYANDOTTES

EXCLUSIVELY **DUSTON** Strain—Choice early cockerels, \$2 and up. Pullets, yearling hens and cocks. Good high-scoring trials, \$10 \$12, \$15; pens, \$10, \$12, \$15, \$18 and up. Eggs \$0, \$3.50; 100, \$6. Omaha shipments. **J. H. FARIS**, Forest Lawn Wyandotte Yards, Florence, Nebraska. 3-1

Buff

lines at low prices. **A. L. FAWCETT**, 7-09-1f Box S, New Albany, Pennsylvania

**SILVER LACED
WYANDOTTES**

2-3 SAMUEL SCHROEDER, Altamont, Illinois

EGGS

FOR HATCHING FROM S. C. Brown Leghorns, S. C. Black and White Minorcas, White Wyandottes. Also stock for sale. Write for prices. C. JACKSON
2-10-1yr Box M, Buchtel, Ohio

**Single Comb....
White Leghorns**sent upon request.
2-2

EXCLUSIVELY—BRED for fancy and utility. My faculty based upon 20th century method. Eggs \$1 per fifteen and stock one to five dollars. Circular and information O. B. SCHELLING
Leaf River, Illinois

**WOOD'S WHITE
WYANDOTTES**"USEFUL AND BEAUTIFUL"
F. H. WOOD, Sta. C, Cortland, N. Y.

MOST PROFITABLE poultry. Great Winter layers. Best market fowl. Handsomest show bird. Vigorous, hardy. Trap-nested. Farm raised 15 eggs, \$2.50; 30, \$4.50. Circular. Established 1892 12-09-1yr

**Day-Old
Chicks..**\$5 per hundred. Ninety per cent fertility guaranteed. Catalog.
3-1

Persistent layers that win. Single comb White Leghorns—the kind that live, twelve dollars per hundred. Satisfaction guaranteed. Eggs, CHRISTY FARM,
Cortland, New York

**Sicilian ::
Buttercups**these prize winners.
3-1

Buttercups lay continuously. Our beautiful birds are direct from Sicily. We won firsts at Knoxville, honor prize at Baltimore. Eggs for hatching from these prize winners. Correspondence is a pleasure. MRS. J. S. DUMARESQ, Easton, Maryland

**S. C. Black
Orpingtons**

3-1 N. P. MORTENSON, Pinckney, Michigan

Standard weight, good color, low down. 1st pen headed by 11-lb. cock scoring 9434. No pullets in pens scoring less than 92. Indian Runner eggs, 10 cts. each.

**Golden ::
Barred Rocks**

L. E. ALTWEIN, Originator, St. Joseph, Mo.

THE BEAUTY AND UTILITY breed. They are a new addition to the Rock family. The plumage being buff and white barring, making a most beautiful fowl. Write for free catalogue telling about them. 3-10-1yr

**Silver Penciled
Plymouth Rocks**

and Janesville. At the last named show, four firsts and four seconds. M. O. BRAATEN, Whitewater, Wis.

THIS NEW AND MOST beautiful variety are fast gaining in popular favor. They combine utility with beauty. Old and young stock for sale. Winners at Chicago, Milwaukee and Janesville. At the last named show, four firsts and four seconds. M. O. BRAATEN, Whitewater, Wis. 2-2

WHITE ORPINGTONS

FIVE GRAND pens. Top notch quality. Winners strongest competition leading shows. Mating list fully describes each mating. Headed by winners. Eggs shipped safe any distance. F. S. BULLINGTON, Box 328A, Richmond, Va. Sec. 2-Treas. American White Orpington Club. 5-09-1yr

**Columbian
Wyandottes**

reasonable. Circular. 10-09-1yr

MILTENBERGER'S Columbian Wyandottes are winners at Nebraska's great state fairs and shows. 200 head young stock bred from my choicest matings. Let me know your wants in detail. Birds \$2 and up. Frank Miltenberger,
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THE BIRDS BRED by DeGray win, lay and pay. Stock and eggs for sale. Orders now taken for eggs and baby chicks. Outlet Poultry 1-10-1yr

**Single Comb--
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EXCLUSIVELY. Four pens made up of New York State Fair, Rochester, Buffalo and Boston winners. Stock bred direct from Madison Square winners and every bird A No. 1. Send for circular. M. C. SWARTWOUT, Box 500, Groton, New York 3-1

**S. C. R. I.
REDS**

2-3

OF THE VERY FINEST type, up-to-date in shape and color—the grandest money can buy. Winners of the blue everywhere. Eggs, \$3 per fifteen; \$5 per thirty.

M. W. HEYMAN, Massillon, Ohio

60 Eggs for \$3.00
30 Eggs for \$1.75
15 Eggs for \$1.00

free. WHITNEY & SON, Triangle, New York, 3-1

TWO MEDICATED nest eggs with each order. Poor hatches duplicated at half price. Mostly farm range. 25 years as a breeder. 25 best varieties. Circular 10-09-1yr

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Rocks**

R. R. 36, Peoria, Illinois,

WINNERS BRED FROM winners and grand layers. We have mated up our pens for this season, with but one object in view "quality." Egg orders now booked at \$3 per setting; two settings \$5. H. A. JACOBUS
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**EGGS-STOCK
ONE-HALF PRICE**

Circular. J. A. LELAND, Springfield, Ill.

COLUMBIAN WYANDOTT'S, White and Barred Plymouth Rocks. Many of these winners and bred from winners. Everything as represented. 4-09-1yr

**PARTRIDGE...
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for sale. H. R. MORGAN, Aledo, Illinois

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chickens, ducks, geese, Guinea, pigeons and hares. Blue ribbon winners. 20 eggs \$1. Stock for sale. Satisfaction guaranteed. H. A. SOUDER
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OF QUALITY—FROM S. C. W. Orpingtons and R. C. B. Minorcas. From the finest utility and the choicest exhibition matings. Eggs for hatching. Ten years' experience in hatching chicks. 3-1

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Eggs, \$1 each; no order for less than five eggs. EDW. M. LONGMORE, Somers, Wisconsin.

"Kellerstrass strain direct." Two grand matings. Eggs, \$3 per 15. One special mating of 6 high scoring birds that are sure to produce show birds of grand quality. 2-3

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PRIZE WINNERS AT Minneapolis, Minnesota State Fair at St. Paul, New Hampton and Oelwein. Stock and eggs at reasonable prices. Satisfaction guaranteed. 3-1

**Bronze :
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Young or old breeders for sale. Eggs for hatching from stock of quality. Turkey Barred Rock, White Wyandotte and Columbian, White Leghorns, Toulouse and Embden Geese, Pekin and Indian Runner Ducks, White Guinea. Get our descriptive circular. Batchelor Button Farm, Bert McConnell, Ligonier, Indiana 3-1

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Satisfaction guaranteed. 2-1

EXCLUSIVELY. At Michigan's Great International, January, won four firsts, three seconds, two thirds and five special prizes on eight birds. Fifteen eggs, \$3; thirty, \$5. Duty paid. MRS. BURTON WEES,
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**White and ::
Barred Rocks**

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WHITE ROCKS. TWO entries, two firsts at Detroit show. Home of "Hendryx" 964, "Ruth" 964. Prize winning Barred Rocks. Send for matings and winnings. H-3

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OUR OWN BEAUTIFUL fawn and white 240-egg in eight months strain. Money makers for you. Try them. A square deal guaranteed. Write us. Circulars free. Eggs, 13 for \$2.

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Winnings at the great International Show at Buffalo, January, 1910, second cockerel and fifth hen on two entries. Write for prices. Eggs from pen headed by this cockerel. H. C. HAYES, Secretary American Cornish Club, Eureka, New York

3-10-1yr

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Secretary S. T. Campbell says:

As a poultry remedy "Williams Extractor" has no superior. It is a positive cure for roup, also indorsed by Judges H. P. Schwab, Eugene Sites, etc. Used and recommended by all the best poultrymen. Put up in bottles at 50c and \$1 sizes. WILLIAMS & CO., 26 Delaware Ave., Albany, N. Y. 3-2

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White and Brown Leghorns, Single and Rose Comb Reds, Thor-oughtbred stock. Heavy laying strains. Reasonable prices. Order now for Spring delivery. Circular and testimonials free. VALLEY CITY HATCHERY
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We trust you. No money in advance. You pay thirty cents for each egg hatched. Owen strain Buff Orpingtons, Rose Comb Reds, Prize winners and layers. Stock 3-1

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Rocks**

PEQUOT STRAIN OF GREAT layers. Bred in open front houses. Standard bred stock of the better sort. Large, vigorous, healthy birds. Eggs, \$1 per 13; \$6 per 100. Send for mailing list. Pequot Poultry Farm, Southport, Conn. 3-2

**Mottled :
Anconas**

Euclid Poultry Farm, Benton Harbor, Michigan

RHODE ISLAND REDS, both combs and Columbian Wyandottes. Have splendid testimonial list from 1909 sales and my 1910 stock is better than ever. Eggs, 5c each; two settings, \$1. O. A. JOHNSON 3-1

I WANT YOU

to know more about Overstreet's "Best in the West"

BARRED ROCKS

Catalogue for the asking

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S. C. REDS

Chicks and eggs from direct descendants of New York winners. My birds always win. Send for catalog.

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75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

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COLUMBIAN WYANDOTTES

Won at Chicago 4 firsts, 3 thirds, 2 fourths, 2 fifths, 7 club ribbons and silver cups in the largest class of Columbians ever shown in Chicago. Lots of fine breeding cocks and stock for sale. Get my prices. I give quality and satisfaction. Mating list now ready.

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WHITE BLACK

Orpingtons

My birds are the low down on shank kind. My Whites are white to the skin. Eggs from 5 fine pens of each at \$4.00 per 13, \$7.00 per 26, \$18.00 per 100. A square deal guaranteed.

E. R. BRADLEY, HILLSDALE, MICH.

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Kulp's Wonderful Rose Comb Brown, 242-egg strain; S. C. Brown, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs, Two of greatest strains bred.

S. C. White, big white 236 egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

Barred Rocks (Bradley's), won \$100 cup, 1909, big finely barred birds and great layers.

S. C. and R. C. Rhode Island Reds (Tompkins'). Eggs, \$2 per 15; \$5 per 45. Few special pens. Cat.

Big Pekin Ducks, eggs \$1 per eleven.

W. W. KULP

Box 70, :: Pottstown, Penna.

11% MORE First Prizes Total at N. Y.

SHOWS (MADISON SQUARE GARDEN) THE PAST 21 YEARS

Has Been Won By

BARRED PLYMOUTH ROCKS

Raised and Bred by Bradley Bros., Lee, Mass., than Any Other Exhibitor has won on ANY Stock. 20 Per Cent More 1st Prizes on Cockerels and 11 Per Cent More 1st Prizes on Males.

☛ All of the Silver Cups Competed for have been Won By Us 3 Times out of five.

☛ Four 1st, Four 2d and Three 3d Prizes, besides other awards have been Won by Us at a Single Madison Square Garden Show.

☛ THREE TIMES have Males of Our Breeding Won FOUR OF THE FIVE PRIZES Offered in the Class; INCLUDING FIRSTS.

24 OF OUR "LEE BELLE" LINE

Of Females have been First Winners at New York Shows Alone. First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

☛ First Prize Winnings at Chicago and Kansas City and at the Largest Shows outside of New York which our birds have won for our customers should alone be SUFFICIENT TO DEMONSTRATE THE SUPERIORITY OF OUR STRAIN.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets.

TESTIMONIALS

I won 1st pullet at Galesburg, Illinois, January 17-22, 1910. This pullet was from a setting of eggs I got from you last spring. Her score was 93 by Judge Faulkner. You may use this information as you see fit.—S. E. Coddington, Woodhull, Illinois, February 8, 1910.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford, January 26, 1910.

EGGS From Best Pens We Ever Owned, \$8 per 13; \$15 per 26; \$25 per 50. ALL SELECTED PENS, BEST ONLY, NO POOR ONES. FEWER BREEDING BIRDS But MORE MERIT. WE INCLUDE EGGS WORTH \$25 per 13.

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DARK CORNISH AND WHITE INDIAN GAMES

1st Cornish cock and 1st pullet, Allentown, 1909. 1st White Indian ekl., 1st pullet, 1st pen. Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J. when writing.

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Dawson's White Wyandottes

At the recent Ontario Winter Fair, the largest show ever held in Canada, (5,000 birds) and quality equal to any show on the continent, won first, fifth and seventh hen, first and eighth pullet, fourth and fifth cockerel, cup for best cockerel and pullet and special for best display. At the Canadian National Exhibition we won three firsts, two seconds, two thirds, one fourth, one fifth and one sixth; also cup for cock, cockerel, hen and pullet and special best display. At New York State Fair, nine ribbons on ten entries. A total of twenty-six regular prizes and numerous specials at three of the largest shows in America. Our prices are moderate. Get our mating list.

W. Dawson :: London East, Canada

KING'S FAMOUS

Barred Plymouth Rocks

RINGLET STRAIN—Do you want strong healthy chicks? Fine style, large bodies and great layers have been the keynote of my success. The breeding stock has large grassy runs, thereby insuring fertile eggs. My matings for 1910 far surpass those of former years. Many of the birds heading these yards have been the winners of highest awards in strong competition. With my enlarged facilities I can furnish eggs promptly at \$2.50 per 13; \$4.00 per 26. My guarantee is satisfaction and asquare deal to all. I solicit your orders. For further information, write for mating list. Address

G. M. King, 935 South Queen St., York, Pennsylvania

Rose and S. C. Reds

THEY ALWAYS WIN—Genuine sacrifice sale of all my fine prize-winners, to make room for young stock. Some choice early birds for show and breeding at prices you can afford to pay. Write today.

Wm. H. Klug

895 Seyburn Avenue

Detroit, Michigan



World's Champion of 1906, Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of First Chicago Cockerel, 1902; also from the sire of First Chicago Male, 1906. These and other Chicago 1st Prize Winners were bred by us and hatched by customers FROM EGGS WE SOLD.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford, January 26, 1910.

EGGS From Best Pens We Ever Owned, \$8 per 13; \$15 per 26; \$25 per 50. ALL SELECTED PENS, BEST ONLY, NO POOR ONES. FEWER BREEDING BIRDS But MORE MERIT. WE INCLUDE EGGS WORTH \$25 per 13.

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S. C. W. LEGHORNS

EXCLUSIVELY

Huber's famous superior strain, not only demonstrated their superior exhibition qualities at Chicago, Dec. 7 to 12, 1909, where they won first cockerel, fifth cock, fourth and fifth hen and 3d pen, BUT excel all other strains in laying as well. The past year a flock of 150 hens averaged 170 eggs each, which stands unequalled.

Our breeding pens this season will be the best we ever owned. We still have a few good breeding cockerels and pullets to dispose of at reasonable prices.

WHAT \$10.00 WILL DO

We have contracted for 100 Cycle hatcher-brooders combined, these machines are fully guaranteed and same as used by the Philo system. While they last we are going to sell them for \$10, including fifty of our selected utility eggs, which fills the machine. We would advise acting quickly, as they are bound to go quick at this offer, which will not be seen again. We are making this offer as a special inducement to advertise quickly and effectively our stock. Machines will be expressed you direct from Indiana factory.

If you are in need of stock, eggs or baby chicks, write us. Send for mating list for 1910.

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In cocks, hens, cockerels and pullets I offer choice specimens with deep round breasts, broad backs, well spread tails and snow-white plumage. Birds which will lay eggs and win ribbons for you. All farm raised, healthy, vigorous stock. Write at once telling just what you need. **Harry W. Britton, R. F. D., Moorestown, N. J.**

Cortenborder's WHITE ROCKS

Winners wherever shown. My birds are ideal in type and second to none in color, in fact the best I have ever raised in my fifteen years of experience. Eggs, \$2 and \$3 per 15. For further information, write to

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NONPAREIL Barred Plymouth Rocks

Winners of Highest Awards at America's Leading Shows

Boston, 1909 At this great show, with but 2 entries, in the strongest class of males ever shown, we won 1st cock, 3d ckl., special for best colored male, and others.

Cleveland, 1909 We made nearly a clean sweep, winning 8 prizes on 8 entries. 1st, 3d cock; 2d, 3d, 5th ckl., 1st, 4th hen, 3d pullet. A grand lot of choice breeding ckl. from our best lines at \$5, \$8 and \$10 each. Let us describe them to you.

NONPAREIL
WHITE ROCKS
are of the same
HIGH GRADE

EGGS From choicest exhibition matings \$5 for thirteen, \$8 for twenty-six, \$10 for thirty-nine. Our 1909 catalogue will give full description of our matings, and we wish every interested reader to have one, it is free. Send in your name now.

All correspondence and orders receive the personal attention of our Mr. H. P. Schwab.

Pedigree Scotch Collies for Sale

Schwab Bros., Box 452, Irondequoit, N. Y.

White Holland Turkeys

Prize winners weighing to 35 lbs. Grand birds, either for show or breeders. Write me if you want quality.

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SINGLE COMB BUFF Leghorns

and Barred Rocks. Prize winning stock. White and Bl. Rose Comb Bantams. I can please you. Write me today.

Albert Anderson : Defiance, Ohio

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Have been heavy winners at the Winter shows. Eggs for hatching and day-old chicks from bir is that score 94 to 96 at prices that are not prohibitive. Send for circular.

Herbert H. Knapp : Tiro, Ohio

S. C. W. LEGHORNS

Eggs for Sale—From my heavy laying "Wincoe" strain, \$1, \$1.50 and \$2 per 15. Send for mating list.

ALLAN J. COE
131 North 5th Street : Springfield, Illinois

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From Standard Bred Madison Square Garden Winners

225-EGG HENS---12-LB. COCKS

Barred, White and Buff Rocks, Brown, White and Buff Leghorns, White, Columbian, Partridge and Buff Wyandottes, White and Buff Orpingtons, R. C. Rhode Island Reds, Light Brahmas, Black Langshans, Black Minorcas, Anconas and Silver Spangled Hamburgs, all from heavy laying strain. Every chick pure. Safe arrival and satisfaction guaranteed. Capacity 2500 per day. Price 8c up. Catalogue, price 10c.

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Double wall, galvanized steel outside, wool lined. \$1,000 for the man who will beat it with any brooder made or with hens. Price \$2.50.

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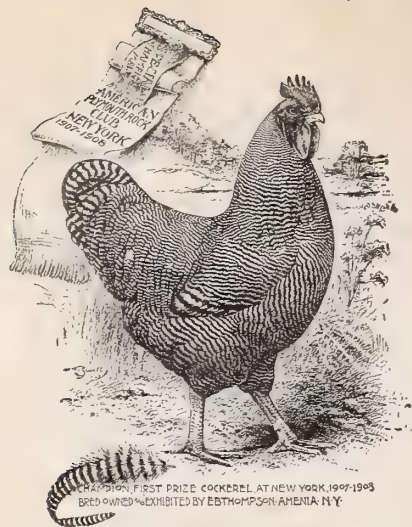
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Perfect Passenger Service between Chicago—St. Louis—Kansas City—Peoria—Springfield.

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First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

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At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS

—AT—

New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality. Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois



LIGHT BRAHMAS

We won: Chicago, Dec., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet. Madison Square, N. Y., Dec., '09, 1, 3 hen; 2 cockerel; 5 pullet; 3 pen. Chicago, Dec., '08, 1, 2, 4 cock; 1, 2 hen; 4, 5 cockerel; 2, 4, 5 pullet; 1st pen and 1st display. Detroit, Jan., '09, 1, 2, 3 cock; 1, 3, 4, 5 hen; 1 pullet and 1st pen. Toledo, Jan., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet; 1st pen. Indianapolis, Feb., '09, 1, 3, 5 cock; 1, 2, 4 hen; 3 cockerel; 4, 5 pullet. Boston, Feb., '09, 4 cock. More prizes last winter than any two other Light Brahma breeders. Stock and eggs always for sale at reasonable prices. Young stock now ready for delivery. Send 6c in stamps today for our beautiful Light Brahma catalogue.

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BOX B

PERRYSBURG, OHIO

AMERICAN POULTRY JOURNAL

Easter
Greetings



"WE LEAD, OTHERS FOLLOW"

NOW IS THE TIME

to get your hens and incubators busy and we can help you. We can furnish eggs for hatching from our utility stock and many pens that are headed by and contain the blue ribbon winners from New York, Boston, Chicago, Memphis, Jamestown, Va. and many other prominent shows. We still have some choice Barred Rock cks. and pullets and White Leghorn pullets at reasonable prices. Place your order as soon as possible as the demand is ever increasing and some may be disappointed. Send for beautifully illustrated catalog and mating list. Eggs for hatching. Exhibition and utility stock at all times. Day-old chicks.

PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
J. H. HALLOCK, Proprietor, Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

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FREE CATALOG, with photographs, describing 20 pens of the best Rhode Island Reds ever mated up. Both combs. Headed by such noted males as CHICAGO KING, etc. Winners at Chicago, Cincinnati, Indianapolis, Detroit, Toledo, Milwaukee, etc. Eggs \$3, \$5, \$10 and up per 15. Guarantee 9 chicks. High-grade utility eggs, \$10 per 100 in lots of 30 to 1000. Please mention this paper when writing.

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WEBSTER'S WHITE PLY. ROCKS

ARE SUPERIOR BIRDS---THE STAY WHITE KIND

They win again at Cleveland, Ohio, and still hold the great Cleveland show record by making a clean sweep and winning all five first prizes from one of the best classes ever brought together. They are the **Graves Strain pure**. Those wishing proper type with snow white plumage and extra head points can find these qualities in my birds.

25 superior cockerels for sale. Eggs for hatching from 5 grand matings, the best we ever had, at \$3 and \$5 per setting. Descriptive mating list free. Address

C. F. Webster : : Box 99 : : Girard, Pennsylvania

READ,
THEN
TAKE
HEED



Trade Mark
RED RAVEN STRAIN

**EVENTUALLY YOU WILL BREED
RED RAVEN STRAIN**

S. C. RHODE ISLAND REDS

Why Not Now?

We have four grand pens of tested breeders mated for the egg trade. A limited number of settings at \$10 and \$15. Fair hatch guaranteed. Ten breeding cockerels at reduced prices. Our handsome catalogue printed in two colors gives full description and is free for the asking. Send for it today. : : : : : : : :

J. G. Budde & Co., Oak Park, Illinois

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We have just imported some of the Crystal Palace winning **White Orpingtons** of this year. Any fancier passing near Cincinnati would be paid to stop off and see these birds: They are absolutely in a class by themselves.

In **Blacks** we have just bought Judge Stanfield's entire flock, so will be able to meet egg orders for the lower priced eggs now quite promptly. In the higher grade of Blacks, need not here repeat what every fancier seems to know, judging from our wonderful business. : : : : : : : :

In **Bufs** we now think we have the best in America, and all who have seen our birds agree with us. If you want size, type and color, order your eggs now. Stock almost all sold. Our 1910 mating list free if you mention this paper. : : : : : : : :

THE CHEVIOT FARMS : MILTON W. BROWN, PROP. : CINCINNATI, O.

BUFF AND WHITE ORPINGTONS

THE OLDEST SPECIALTY BREEDERS IN THE UNITED STATES

OUR SHOW RECORD on Buffs at Madison Square Garden is unequalled—winning Silver Cup for best display, showing only 9 birds and having 7 points more than our nearest competitor. In same show also won handsome Silver Cup for Best Cockerel. Our winnings at Chicago, where we won more firsts than all competitors, cannot be equalled.

Can there be any question where you should order your stock and eggs?

OUR MATINGS in Buffs and Whites are the finest we ever owned and with our long line of show producers in the past convince us winning specimens will be produced. Send for free mating list. We are quoting special prices to close out some grand breeding cockerels at this time. \$10 to \$15 gets a grand bird. This is your opportunity. We breed for quality, health, vigor, and egg production. Write us your wants. Mention American Poultry Journal.

J. M. Williams & Co., Box B, No. Adams, Mich.



THE FAMOUS HEN "PEGGY"
Value \$10,000.00

First prize winner at Jamestown Exposition, Madison Square Garden, New York, and everywhere she has been shown. The reason we value the above hen at Ten Thousand Dollars is because we refused \$2,500 for her after we sold five of her chicks for \$7,500; and we will give \$10,000 for a "Crystal" White Orpington hen that will equal her in every way.—Kellerstrass Farm, Kansas City, Mo.

KELLERSTRASS WHITE ORPINGTONS

Are the biggest payers because they have proven to be the biggest winter layers

KELLERSTRASS STRAIN

CRYSTAL White Orpingtons are the grandest utility birds on record today, and as to their fancy quality they won first at Madison Square Garden, N. Y., 1905, 1906, 1907, 1908; also at Crystal Palace, London, England, Chicago, and Boston. If you need some birds to improve your stock or for the show room, write us, we have them, and the kind that win, as our past record shows. Stock and eggs for sale at all times. Remember, we are the originators of Crystal White Orpingtons, and breed only the one kind. We devote our whole time to this one breed. Send for catalog; mention A. P. J.

Kellerstrass Farm, R. F. D. No. 1, Box 98, Kansas City, Mo.
Originators of Crystal White Orpingtons, E. Kellerstrass, Prop., Life Member Am. W. Orpington Club and A. P. A.

S. C. BUFF LEGHORNS

Eggs for hatching from prize matings, \$3 per 15; \$15 per 100. Other grand pens, \$2 per 15; \$10 per 100. Winners at New York, Trenton, Easton, Paterson, Dover, Pittsburg and Philadelphia. Write for free booklet. Fine breeding males, \$3 each.

Jas. Kugler Jr., Maple Hill Farm, R. D. 1, Frenchtown, N. J.

S. C. Buff Orpingtons

exclusively. Golden Buffs. I won 1st, 3d and 4th cock, 1st, 3d and 4th hen, 2d chl. and 2d pullet at the late Cincinnati poultry show. My pens are headed by these birds. Now you know where to get the good ones. Eggs \$4 and \$2 per 15. Satisfaction guaranteed.

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has a show record second to none. New catalogue after January 1st will be sent free. S. O. Rhode Island Reds exclusively. Member both clubs.

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Winners at Herkimer, Corfu, Frankfort, Kingston, Utica, Rochester, Little Falls. Eggs, \$2 per fifteen. None better.

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CAMPBELL'S BUFF LEGHORNS

Eggs for sale from my New York, Orange, Red Bank and Rutherford winners. Lamon's old strain pure. Send for catalogue of my winnings.

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Success- ful Egg Farming

Among people who can afford luxuries there is great demand for a regular supply of fresh eggs. The few growers who can furnish them regularly, Winter and Summer alike, get very high prices.

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The Corning Egg-Book is sold in combination with the Farm Journal, Philadelphia, Pa., and we have made arrangements to make this

Special Offer

For \$1.00 (cash, money order or check) we will send postpaid the Corning Egg-Book and the Farm Journal for two years, and American Poultry Advocate 2 years, all for \$1 if order is sent at once to

American Poultry Advocate
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WORLD'S FOREMOST WHITE WYANDOTTES

Won the highest honors at New York, Boston and every prominent show in the United States and Canada, clear to the Pacific Coast, all past season, and have done the most winning for many years. Grand stock and returned at my expense if not satisfactory. Send for circular and see who is the winner and prices of eggs.

J. H. Jackson : : Lock Box 88, Hudson, Massachusetts

Rose and S. C. Reds

THEY ALWAYS WIN—Genuine sacrifice sale of all my fine prize-winners, to make room for young stock. Some choice early birds for show and breeding at prices you can afford to pay. Write today.

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IT IS ONLY NATURAL

for you to investigate carefully before you place your order for those eggs for hatching or baby chicks. Varieties are Barred Plymouth Rocks, White Wyandottes, S. O. Rhode Island Reds, S. C. White and R. C. Brown Leghorns and Pekin Ducks. Exhibition and utility eggs \$1.50 per 15 up. In price and quality we can give you unequalled value. Shall we hear from you, please? You won't regret it. SPECIAL—We are closing out two pens of our Plymouth Rocks, extra Homer Pigeons. Reasons for selling are crowded. There are some guaranteed prize winners in the flock. Write quick if you want some as this is some of the best stock in the country, coming direct from the Plymouth Rock Squab Co. \$1.50 per pair and up while they last. Send for our catalogue, mentioning your wants and this paper and make the acquaintance of

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Trap Nested : Line Bred : Pedigreed

Established strains of Persistent Layers, have made a creditable winning wherever shown. Each breeding pen contains Males or Females, first or second generation of America's champion hen. Record 277 eggs in one year, 361 eggs in 17½ months. Eggs for hatching after January 15th, \$2, \$3, \$10 per 15; \$5 per 50; \$8 per 100.

Send Red Stamp for Mating List

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BY

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Every poultryman should have this book in their poultry library. It contains 250 pages, and every disease to which fowls are subject is treated in a most thorough manner. The cause, symptoms and cure of each disease is put before the reader in such a manner as to be understood at a glance.

With this book in hand you can be your own poultry doctor. Better order one now and not wait until your fowls become ill.

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358 DEARBORN STREET - CHICAGO, ILLINOIS

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Special Spring Proposition for Quick Orders—New Low Prices

"Rust-Proof Galvanized" Steel Roofing, Siding and Ceiling

Fill in carefully the coupon below. Send it to us and we will mail you at once, free of all cost, samples of the very best "galvanized rust-proof" steel roofing, siding and ceiling for your examination.

These samples are large and generous enough to show you the quality of the large sheets, the prices on which are quoted in this ad. This special spring offer is made in time for the farmer and town resident who wants to begin improvements—shipments made anywhere. Take advantage of this great bargain sale while the offer lasts.



LIGHTNING PROOF — FIRE PROOF — WATER PROOF

Corrugated Steel Roofing and Siding



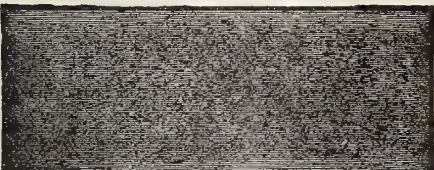
1/4 Inch Unpainted Steel Sheets, light weight, 22 inches wide, 2 to 8 ft. long, 100 sq. ft. **\$1.85**
Painted, same as above, 100 sq. feet. **\$1.95**
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Read our Freight Prepaid Offer.

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Pressed Brick, Unpainted Steel Sheets, light weight, 24 in. wide, 68 in. long, 100 sq. ft. **\$1.85**
Painted, same as above, 100 sq. feet. **\$1.95**
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Flat, Unpainted Steel Sheets, light weight, 24 in. wide, 2 to 8 ft. long, 100 sq. feet. **\$1.60**
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WE RECOMMEND "GALVANIZED RUST-PROOF" as the best roof covering money can buy

We offer you steel roofing in three surfaces, viz.: unpainted, painted or "galvanized rust-proof." We recommend the rust-proof as by far the best and cheapest in the end of any roof covering on the market, and it is positively proof against rust or corrosion, so will last indefinitely.

Painted steel roofing is the best for the least money, and recommended to our patrons who do not feel able to invest in the "galvanized rust-proof," as the painted steel roofing will give splendid service, especially if painted at intervals of two to three years after being laid.

The unpainted sheets are sold to those who wish to cover with special paint.

Note.—When sending your order please send diagram and size of roof to be covered.

Our Guarantee The Chicago House Wrecking Co. positively guarantees every sale and every order satisfactory to you or money refunded without delay or argument. Our million dollar capital and stock is sufficient evidence of our responsibility, and you can remit in full for the amount of your order in perfect confidence that if the roofing is received and is not satisfactory that we will immediately take it back and refund your entire purchase money, or if you prefer you can send 25 per cent deposit, when we will promptly ship, and you can pay for the balance when roofing reaches your depot.

CHICAGO HOUSE WRECKING CO.
35th & Iron Sts., CHICAGO, ILL.

FREIGHT PAID

At prices quoted in this ad. we will prepay the freight on all Roofing, Siding and Ceiling orders in full to all points east of Colorado in the United States except Oklahoma and Texas. 15c per square additional for these two states. To all points west of Colorado in the United States, 50c per square additional.

HOW TO ORDER

Add 10 per cent to your surface measurement, allowing for laps; send us sketch of your building showing size of dimensions, so that we can send you proper length of sheets to lay economically and avoid waste.

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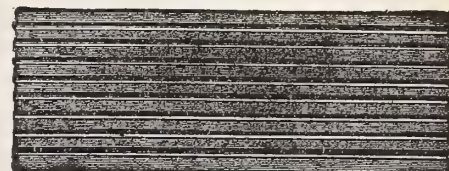
Our 1910 book on Roofing, Siding and Ceiling sent free for a coupon. Tells how to lay Roofing or Siding and contains much valuable information. Send in your name today. Get our big catalog, the wonderful "Price Wrecker," containing our newest and latest bargains on building material and merchandise of all kinds.

"VV" CRIMPED STEEL ROOFING



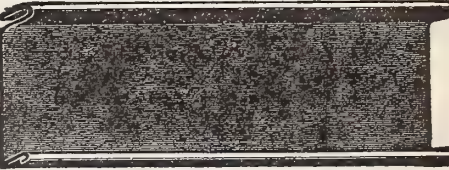
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Standing Seam, Unpainted Steel Sheets, light wt., 22 in. wide, 2 to 8 ft. long, 100 sq. ft. **\$1.85**
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Please send me copy of your latest Roofing Catalog, free.

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Shall we send you our general catalog?

Buff Wyandottes

At the great Mo. State Show in one of the best classes ever shown, with twelve exhibitors, won first and third hen, third cockerel, second and fifth pullet and first pen, winning three times as much as any other exhibitor. This, with our winnings at Chicago, St. Louis, Evansville and Illinois State Fair, clearly proves our strain the BEST IN THE WEST. Prices reasonable. Satisfaction guaranteed.

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A large supply of anything. Make low prices. This is the way we are fixed at present, especially on stud dogs, and bred matrons, and we are going to reduce our stock regardless of price.

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..Sunnybrae Registered Kennels..

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White :: Columbian

Winners of National White Wyandotte Club cup, 1908-1909. If you want birds that will win and lay send me your egg orders. They are winning and laying for my old customers. Why not for you? I have six pens and you will get eggs from same pens from which I raise my winners. Send for mating list. Eggs, \$3 per 15, \$5 per 30; \$7 per 45.

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New York Mills, New York

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At the great Toledo show, 1910, my birds again won more regular and special premiums than all other exhibitors combined, including the much coveted 1st pen and 1st display, also silver for best ten in the Am. class and silver cup for best ten all varieties competing. At several Winter shows my birds won all firsts and all sweepstakes. New illustrated circular tells all about my winnings. It's free. Stock sold on approval. Egg orders booked.

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Cheap; easily erected; safe; lasting. The ONLY fencing for stock, poultry, farm, oyster beds and general purposes. Put up in 75-foot rolls. Sold in 3 sizes—3 ft., 4 ft., 5 ft. in height, 80 per lin. foot. Special prices in car load lots.

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CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c, Gape Worm Extractor 25c, French Killing Knife 50c. Capon Book Free.
G. P. Pilling & Son, Philadelphia, Pa.

WOODS' S. C. BROWN LEGHORNS

are champions of America. Largest winner at the largest show ever held in the world. Missouri State Show at St. Louis, December, 1909, 5250 birds exhibited. Free circular. Eggs, \$10, \$5 and \$3 per fifteen.

TOM H. WOODS : ROUTE 4 : FAYETTE, MISSOURI

Barred Ply. Rocks, Buff Turkeys R. I. Reds--Both Combs

High-class stock for sale at all seasons. Write for prices. Eggs, best pens, \$5 per 15. 2d pens, \$3 per 15. By the hundred at \$10 and \$25. Utility eggs, \$2 per 25, \$5 per 100. Day-old chicks. Catalogue for the asking. We guarantee.

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White Orpingtons

My birds won at Philadelphia, 1910. Eggs from Pen 1 headed by 1st cock Philadelphia, 1910, mated to winning hens, \$10.00 per 13. Pen 2 headed by 1st cockerel at Philadelphia, 1909, and select females, \$5.00 per 13. The run of the yard, \$2.50 per 13; two settings, \$4.00. Place your order now.

MRS. J. W. HOLTON - CATASAUQUA, PENNSYLVANIA

CHICKS S. C. R. I. REDS

AND
EGGS

Four grand pens mated for exhibition chicks. Even my utility flock is headed by prize winners. I ship 300 to 500 chicks per week. Can fill your orders promptly. Send for catalogue.

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Wittman's Curtain Front Fresh Air Poultry House

The most practical and best looking poultry house yet evolved. Specifications with drawings and halftones, and instructions how to build. MUST BE AS ABOVE OR MONEY BACK. No one owning an old poultry house or thinking of building a new one or plant can afford to be without these plans.

By special arrangement we are offering these plans and one year's subscription to American Poultry Journal for only 75c, or the plans alone for 50c. Send all orders to

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It is not a fad, fancy or fake

The Norwich Automatic Exerciser and Feeder



Is a practical, mechanical, reliable, automatic machine for feeding poultry, so arranged that waste is absolutely eliminated, thus reducing feeding expenses nearly 25 per cent. Its action necessitates slow feeding and exercise, and a test at the River Home Poultry Yards, Perrysburg, Ohio, has proven that "it will increase the normal egg production approximately 20 per cent." It operates with any grain, feed or mixture, and may be regulated to feed desired quantity. Feeding labor is reduced to filling hopper when empty, and your stock will never be overfed and lazy or go to roost hungry. They feed themselves the moment they are off the roost mornings, and will keep busy all day. The machine is absolutely rat and bird proof. The Norwich Automatic Exerciser and Feeder is sold under GUARANTEE to give perfect satisfaction, to pay for itself in 90 days, or money and expenses refunded. Under our system of selling it will cost you nothing to prove our claims. Catalogue for the asking.

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== CAN FURNISH YOU ==



First Boston Cock

**Hatching Eggs
Day-Old Chicks
Breeding Birds**

FROM THEIR WINTER LAYING,
PROFIT PAYING

BARRED PLYMOUTH ROCKS

that have made their plant successful and famous; the kind of stock that is adapted to farmers, egg farms or broiler plants; that is really bred to lay and matures rapidly. Or we can furnish you the quality of stock that won for us

**At Boston, 1910:
1st Cock, 1st Exhibition Pen Chicks, 2d Hen
and eight other regular and special prizes**

This winning was made against the biggest and best known breeders in this country and proves conclusively that we have the **leading exhibition and utility strain of America.**

Our exhibition matings contain all of our Boston and other winners this season. They are correctly mated for best results and will produce winners for you at any show next season. We will sell eggs at our established price from all pens of \$4 per 13, \$12 per 50, \$24 per 100, or at special prices for all eggs from one pen. Results guaranteed. We will mail a detailed list of matings on request.



While we are justly pleased with our record with fancy birds, we take special pride in our reputation as successful breeders of a **healthy, vigorous, money-making utility strain**, such as nine out of ten of you want. The object of this plant is to supply eggs and stock for breeding purposes, and all of our efforts are in that direction.

Every bird in our breeding pens is a carefully selected, healthy, vigorous, range-reared individual, selected for type and possibilities. Eggs or chicks from this stock are sure to give you permanently satisfactory results.

No Barred Rock plant in the country is so well equipped to handle large orders for chicks or eggs promptly, and none take more pains with small orders. We guarantee safe delivery anywhere, and good hatches.

Price of Utility Eggs: \$1.50 per 13; \$4.50 per 50; \$7 per 100

Day-Old Chicks: \$6 per 25; \$10 per 50; \$15 per 100

Your satisfaction is the key to our success, and we guarantee it

We have a choice lot of breeding males and females on which to quote you prices if interested.

Do not lose sight of the fact that Barred Plymouth Rocks are the greatest of all American birds and best adapted to American conditions.

Illustrated catalog mailed free on request. It is worth reading. Address

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To insure inquiries prompt
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Our new catalog now ready; latest and best designs: all varieties. send for it today. Also poultry postcards; sample of your variety for stamp. Chas. L. Stiles, Columbus, O.

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Square Garden show; also second hen. On two entries at Philadelphia last year, two firsts and special. Stock and eggs for sale. Both cockerel and pullet lines. Write for prices and particulars if you want the best.

B. A. Oakley Brooklyn, Pa.

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Have been heavy winners at the Winter shows. Eggs for hatching and day-old chicks from birds that score 94 to 96 at prices that are not prohibitive. Send for circular.

Herbert H. Knapp : Tiro, Ohio

THE IMPROVED CHAMPION LEG BAND



Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Initials, 10c per hundred extra. Also Pigeon Bands.



THE SUPERIOR is securely locked; can't lose off; six sizes. State breed and sex. Price postpaid, either kind, No. to suit, 12, 15c; 25, 20c; 50, 35c; 100, 60c. One sample for stamp. Circular free. T. CADWALLADER, Box 352, SALEM, OHIO

8 CENTS EACH

Shipped safely anywhere. Eggs \$4 per 100. Fine poultry catalogue free.

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Perfect Passenger Service between Chicago—St. Louis—Kansas City—Peoria—Springfield.

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Blue Ribbon Strain. At Ashtabula, 1910, in hot competition I won first, second and third pullet, fourth cockerel, first cock, first and third hen and first pen. At Youngstown, 1910, I won first pullet and third hen. My first prize pullet easily won the color special on female and was the sensation of the show. A few cockerels and pullets left for sale. Am now booking eggs at \$2, \$3 and \$5 per fifteen. Pheasants—Will also spare a few settings of Ring Neck Pheasant eggs at \$2 per 15. A circular given free with each setting of eggs, telling how we care for and raise young Pheasants. Address all orders

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Madison Square Garden, New York, Winners

EGGS The greatest egg producers the world ever knew. Eggs for hatching from my choicest pens without reserve, \$4, \$5 and \$10 per setting. Descriptive circular for the asking. Satisfaction assured. Address

Jos. P. Hilldorfer :: 86 Chester Avenue N. S., Pittsburg, Pennsylvania

A Treatise on Food and Egg Production

A valuable book for anyone who is raising fowls for egg production. It gives in a very plain and concise form the composition of the different foods.

It tells how and what to feed to produce eggs in winter.

The author has sent this book on approval and has always received the money for same at once, which is proof that the book is valuable.

By special arrangement with the publisher we are offering this book and one year's subscription to American Poultry Journal for only \$1.00. Send all orders to

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Twelve Months' Work in the Poultry Yard

By W. Theo. Wittman, Acknowledged by All to be One of
America's Foremost Authorities and Judges

Starts you in January, and take you clear through the year—telling you just what to do to successfully handle your fowls in the safest and most economical way that is consistent with good business methods, to make the largest success possible with your fowls.

It doesn't tell you how to make two hundred dollars from twenty hens

but it gives you a short, boiled down, and up-to-date treatise on lines that are practical and can be executed with safety. The contents of this book are intensely practicable, and teach a method of poultry keeping exactly opposite to that which is complicated and unnecessary. **Price 25 cents.**

THE POULTRY ITEM

The largest Eastern poultry Journal, published at Sellersville, Pa., 68 to 140 pages monthly. Special breed numbers starts in September and continue until May, 1910. Tells you how to secure larger and more profitable returns from your chickens. Extremely helpful and valuable. Get a-going right in the poultry business. Many are making \$2.00 per hen each year. Are you? The Poultry Item will keep you posted on latest methods and poultry secrets. The Item stops when time is up. **Price 50 cents the year.** Order it now at the following special terms.

A Year's Subscription to The Poultry Item and Twelve Months' Work in the Poultry Yard, only 50c

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Have You Written Johnson Yet?

Now's the Time



M. M. Johnson

NOW is the time to get a Book and a Special Proposition on an OLD TRUSTY INCUBATOR and BROODER. Now is the time to find out all about the OLD TRUSTY—the Incubator that has won the First—Second and Third Hatching Prizes in a contest with over 3,000 of the best makes of Incubators in the United States during the past year.

Such a remarkable performance assures you—without a doubt—that the OLD TRUSTY INCUBATOR lives up to what Johnson claims for it—**80% or bigger hatches.**

This is going to be a great year for Poultry—and a great year for PROFITS.

The high prices on all meats and other foodstuffs make poultry more and more in demand. This is the year of all years to start—and the OLD TRUSTY is known the world over as the best Incubator to start with. Johnson is no novice in the Incubator business. He's got the experience of over 150,000 Old Trusty Incubators and Brooders at his finger-tips. He knows what they've done for others—and he knows **what they'll do for you**—so he sends the

Old Trusty—Asbestos Covered and Metal Encased On 40, 60 or 90 DAYS' FREE TRIAL—Guaranteed for 10 Years

The Old Trusty Incubator is like a good watch—it runs itself when you start it going, with kerosene in the lamp and water in the tank. Every Thermometer has stood the test of over 150,000 machines. Every feature of the Old Trusty has stood the test of 150,000 users. That means **perfection—and 80% better hatches for you.**

And remember this: Johnson bases his price on his immense volume. His output for this year is 65,000 machines.

Monday, January 17th—Johnson received exactly 2,085 letters from friends throughout the country asking for his proposition. Tuesday there were as many—and that's the way it is going—so you can see that 65,000 machines won't begin to meet the demand.

If you are thinking of getting an Incubator or Brooder, you'd better write to Johnson at once and get his Book and Special Proposition. He will quote you his price direct to you—all freight prepaid—which is less than \$10.00—let him tell you how much less.

Johnson makes nothing but Incubators and Brooders—and he's made more Incubators and Brooders than any other three men in the world. And Johnson's experience is free with his machines—and his great big book of Poultry Facts and Figures, together with hundreds and hundreds of actual photographs of friends hatching chickens with Old Trusty Incubators and raising them in Old Trusty Brooders—is all ready to go to you the minute Johnson gets your name and address.

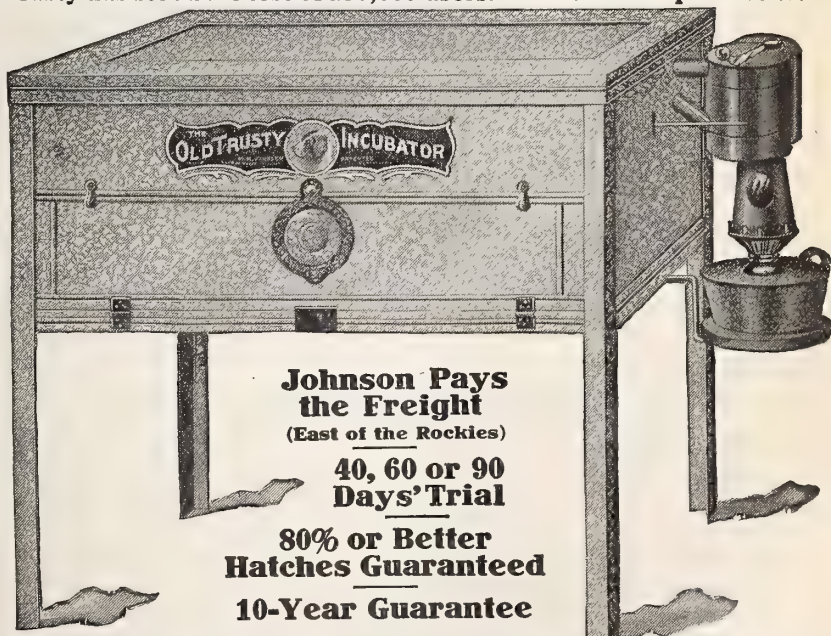
Then why not write to Johnson **today?** Just say "Send" on a postal—he'll know what you mean—then write your name and address, and address the postal to

M. M. JOHNSON

The Incubator Man

Clay Center, Nebraska

(The Place Where Most of the Incubators Come From)



**Johnson Pays
the Freight**

(East of the Rockies)

**40, 60 or 90
Days' Trial**

**80% or Better
Hatches Guaranteed**

10-Year Guarantee

**FREE
BOOK
Coupon**

—Tear Out and
Mail—or Use
Postal

M. M. Johnson, Clay Center, Nebraska

Here's my name and address—send book.

Name.....

Address.....

City..... State

FREE! ORIGIN AND HISTORY of All BREEDS OF POULTRY

THE greatest book on poultry ever published, contains sixty-five pages of reading matter, size 9x12 inches, also contains illustrations of 198 different fowls in their natural colors, painted from life. Regular price \$1.00. It has taken years to complete the drawings for this book. It is something never before attempted by any publication, not even the Standard of Perfection contains pictures of fowls in colors.

This book is being sold for \$1.00 every day, but we want every poultryman to have one, as it is the grandest piece of work ever accomplished in poultry literature and is a living ad for its publishers—American Poultry Journal Publishing Co. To accomplish our object and get a copy of this book into the hands of every poultry fancier, we will give one copy FREE for the first six subscriptions to American Poultry Journal you send us at one-half our regular subscription price.

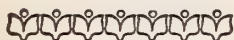
Send us six subscriptions to American Poultry Journal together with \$1.50 and we will send you, postpaid, a copy of the Origin and History of All Breeds of Poultry.

BUT THIS IS NOT ALL

You can take subscriptions at any price from 25 to 50 cents and keep everything above 25 cents as your commission. For the first six subscriptions you send us you will receive a copy of the Origin and History of All Breeds of Poultry as per offer above and these subscriptions will count on the grand prizes listed below as well as any other subscriptions you send us.

Do not fail to read this list carefully as the prizes are well worth your time and trouble and will many times repay your efforts to secure the subscriptions for us.

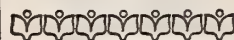
LIST OF GRAND PRIZES



First Prize

\$600
WING PIANO

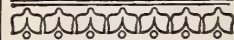
The best piano manufactured by the well-known piano manufacturers, Wing & Son, New York City, N. Y., will be given the agent sending us the largest number of subscriptions before June 10, 1910. : : : : :



Second Prize

\$100
CASH

Will be given the agent sending us the second largest number of subscriptions before June 10, 1910. : : : : :



\$200.00 will be distributed among the eight next highest agents as follows:

3d Prize, \$50	Pen of Fowls, your choice, or Incubator or Brooder, any make you desire
4th Prize, \$35	" " " "
5th Prize, \$30	" " " "
6th Prize, \$20	Trio of Fowls, your choice, or Incubator or Brooder, any make you desire
7th Prize, \$20	" " " "
8th Prize, \$15	" " " "
9th Prize, \$15	" " " "
10th Prize, \$15	" " " "

In making your selection of Fowls, Incubators or Brooders, they must be selected from Advertisers in American Poultry Journal

Special Instructions to Agents

1. Renewals count the same as new subscriptions. 2. Cash must accompany all subscriptions; this will avoid any misunderstanding. 3. Keep a duplicate list of all subscribers sent us in case any question arises when the contest closes. 4. In case of a tie the value of the prize will be divided. 5. The subscription contest closes June 10th, 1910. All letters postmarked that day will be counted, thus giving those at a distance an equal chance with those near. 6. A list of the winners will be given in the July issue, 1910. 7. All agents may work where they please; this is fair to all. Send for more coupons or any supplies you need. 8. The coupons are made with receipts at the side to be torn off and given to subscribers. This assures the subscriber that you are our authorized agent. 9. No subscription can be sold for less than 25 cents. 10. You must send at least two subscriptions to entitle you to agents' commission or prizes. 11. All subscriptions must be taken on the merits of the publication. 12. Notice—Sell our book, "Origin and History of All Breeds of Poultry," at \$1.00 and keep 25 cents as your commission, this will count as four subscriptions on the contest. Also, take three years' subscriptions to American Poultry Journal at \$1.00 and keep 25 cents as your commission, this also will count as four subscriptions on the contest. : : : : :

TODAY IS THE TIME TO START if you wish to secure one of our new books FREE. Remember, too, that if you get an early start you have the advantage of always being in the lead, and this is better than to be always trying to catch up with the other fellow.

We will furnish you with a sheet of special bargain coupons which you can use if you desire. These coupons have been successfully used on former contests and whereas you only receive 10 cents as your commission when using same, you will find that you can get many more subscribers. In fact, we have agents who give all of their commission to the subscriber and in this manner get many more subscriptions. Send for as many sample copies as you can use to advantage and they will be sent you free of charge.

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

NOTICE: SEE OTHER PAGE FOR SPECIAL OFFER THIS MONTH

Special Offer for Month of April, 1910

WE WILL give the following prizes to the agents sending us the largest number of subscriptions during the month of April, 1910. If you want a first-class incubator, brooder or a choice trio of fowls without cost, this is your opportunity. **START TODAY!**

1st Prize---A \$20 incubator or brooder, any make you desire, or a \$20 pen of fowls, any variety, advertised in American Poultry Journal, will be given the agent who sends us the largest number of subscriptions to American Poultry Journal during the month of April, 1910.

2d Prize---A \$15 trio of fowls, any variety, or a \$15 incubator or brooder, any make you desire, advertised in American Poultry Journal, will be given the agent who sends us the second largest number of subscriptions to American Poultry Journal during the month of April, 1910.

3d Prize---A \$10 incubator or brooder, any make you desire, or a \$10 pair of fowls, any variety, advertised in American Poultry Journal, will be given the agent who sends us the third largest number of subscriptions to American Poultry Journal during the month of April, 1910.

These prizes are given in addition to the grand prizes on opposite page, and all subscriptions sent us during this month will count on both the special April prizes and the grand prizes; therefore you can win an incubator, brooder or fowls, besides a grand prize if you start to work right now.

Do not delay to take advantage of this opportunity to kill two birds with one stone. Remember, you send 25c to us for each subscription and keep the balance of the money as your commission. You receive our grand book, "Origin and History of All Breeds of Poultry," for the first six subscriptions you send us besides your commission and the chance to win one of the April special and grand prizes; also you receive four counts for every 3-year subscription and every "Origin and History of All Breeds of Poultry" which you sell.

Send for samples and coupons today; they will be sent you at once free of charge. Start today, as you are getting in on the ground floor. Send all subscriptions to

American Poultry Journal Publishing Company
358 Dearborn Street : : Chicago, Illinois
SEE OTHER PAGE FOR LIST OF GRAND PRIZES

S. C. Buff Orpingtons

Stock and eggs for sale from my famous
Detroit winners, January, 1910.

Samuel Shepherd, R. 1, No. Detroit, Mich.

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save
you from 50 to 80 per cent on your machine. Write for
circulars. The Elwood M. Pusey Co., East Liverpool, O.

Buff Wyandottes

Naegele's strain, the kind that win and lay eggs. 1,100
eggs in January from 100 hens; in February, 1,341, and
good enough to win nearly all prizes at the big Peoria
State Show, including four firsts, also first cock, first,
second, fourth and fifth hens at Bradford, Illinois, with
five birds shown.

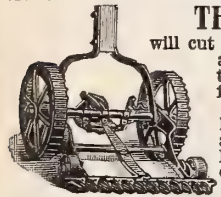
Frank Naegele, R. R. No. 2, Peoria, Illinois

S. C. W. LEGHORNS

Eggs for Sale—From my heavy laying
"Wincoe" strain, \$1, \$1.50 and \$2 per
15. Send for mating list.

ALLAN J. COE

131 North 5th Street :: Springfield, Illinois

**THE CLIPPER**

will cut tall grass, short grass
and weeds, and do all the
trimming, a long the
fence, walks and drives.
If your dealers do not
keep them, let us know,
and we will send circulars
and prices.
Clipper Lawn Mower
Co., Dixon, Ill.

Wonderful Reports

I am receiving wonderful reports from the New
Type Incubators and Brooders which I have
placed on the market. It will pay you to write for
the special prices we are making new customers
at the present time. Remember the machines
are fully guaranteed.

NEW TYPE INCUBATOR WORKS

Box 126 : East Columbus, Ohio

**White Orpingtons
Light Brahmas**

Have won the blue at Boston, Providence,
Worcester and Brockton Fair. Stock and
eggs for sale. Send for mating list.

B. E. Darling, Box 15, Natick, Massachusetts

**ROBISON
BUFF ROCKS**

Will put you next and lay for
you the year round. Have
won for me as well as my cus-
tomers at the biggest shows.
Special mating, \$10 per 15;
grand matings at \$5 and \$3.
Eggs from range flock at \$1.50
per 15. Free illustrated booklet.

W. S. ROBISON

State Vice-Pres. Buff Rock Club
Route 1, Fayette, Missouri

COLUMBIAN WYANDOTTES

Our eggs never hatched as well as this season. We will duplicate all infertile eggs free of charge and take your
word for it. Eggs, \$5 per 15; \$8 per 30; \$10 per 50; \$15 per 100; \$25 per 200. Stock for sale at all times.

Aug. D. Arnold - Box 777, Dillsburg, Pennsylvania

Wyckoff's S. C. White Leghorns

Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in
Standard Qualities. Remember that we are the originators and for over thirty years specialty
breeders of the justly celebrated "Wyckoff" strain of S. C. White Leghorns, the most profitable strain
of poultry in America today. Place your orders at headquarters and make no mistake. Eggs for
hatching in any quantity from the grandest of matings at \$2.00 per 15, \$3.75 per 30, \$5.00 per 45, \$10.00
per 100. Catalogue and testimonials free. Address

C. H. WYCKOFF & SON, AURORA, CAYUGA COUNTY, NEW YORK

**Moore's Quality BLACK LANGSHANS : Cup :
Strain of : : : Winners**

My birds have always won at Indianapolis, Richmond, Dayton and Cincinnati.
At Indianapolis, 1910, I won five prizes on five entries, including Association
silver cup. Am offering twenty grand cockerels and fifteen pullets at reasonable
prices, the best I have ever bred in my fourteen years' experience. Am booking
eggs at \$3 per fifteen. If you want the best at reasonable prices, write

Whitewater Poul. Yards J. W. Moore, Manager Lock Box 324, Cambridge City, Ind.
Mem. Black Langshan Club

PARR'S S. C. BLACK MINORCAS

Winners wherever shown. Special cup East Liverpool, Ohio, 1910, for best display. No birds in pens
scoring less than 91. Eggs from special matings, \$5.00 per fifteen. From choice select matings, the
kind that hatch the winners, \$3.00 per fifteen. Satisfaction guaranteed absolutely. A few grand
breeding cockerels that will score 92 for sale.

Longview Poultry Farm J. FRANK PARR Sta. 1, Box 767, East Liverpool, O.
Proprietor

PRIZE-WINNING WHITE ROCKS

At the Ashtabula show, February 1st to 5th, 1910, in the strongest class in the show, I won
first and second pullet, third cockerel, second cock, second hen and third pen. My birds are
crystal white and excellent in type. A limited amount of stock left for sale. If you want
quality, write

Wm. C. Eagley, North Girard, Pennsylvania

RHODE ISLAND REDS

Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS :: CONCORD, MASS.

**NONPAREIL
Barred Plymouth Rocks**

Winners of Highest Awards at
America's Leading Shows

Boston, 1909 At this great show, with but 2 entries, in the strong-
est class of males ever shown, we won 1st cock, 3d
ckl., special for best colored male, and others.

Cleveland, 1909 We made nearly a clean sweep, winning 8 prizes
on 8 entries. 1st, 3d cock; 2d, 3d, 5th ckl., 1st,
4th hen, 3d pullet. A grand lot of choice breeding ckl. from our
best lines at \$5, \$8 and \$10 each. Let us describe them to you.

NONPAREIL
WHITE ROCKS
are of the same
HIGH GRADE

EGGS From choicest exhibition matings \$5 for
thirteen, \$8 for twenty-six, \$10 for thirty-
nine. Our 1909 catalogue will give full description
of our matings, and we wish every interested reader
to have one, it is free. Send in your name now.

All correspondence and orders receive the personal attention of our
Mr. H. P. Schwab.

Pedigree Scotch Collies for Sale

Schwab Bros., Box 452, Irondequoit, N. Y.

Afton Farm

Eggs for hatching are from

HARDY, HEALTHY HENS

of the five leading breeds



Mammoth Imperial Pekin Ducks

Single Comb White Leghorns

Barred Plymouth Rocks

Cornish Indian Games

White Wyandottes



Naturally, you want the greatest value possible for your money, therefore send for our free booklet before placing your order : We breed birds of quality and productiveness : Mention A. P. J.

S. B. & E. W. TWINING
AFTON FARM : YARDLEY, PENNSYLVANIA

GOLDEN AND SILVER Wyandottes

Winners at Pittsburg, McKeesport, Beaver Valley and Butler in strong competition. Have won seven cups at these shows in the two last years. Eggs, \$3 per setting from either variety.

Wm. J. Fox, R. F. D. 17, Cabot, Pennsylvania

The Original Barred Cuckoo Wyandottes

My winnings at Madison Square Garden, America's greatest show, created more sensation than any other variety shown. England's most popular new breed. Will only spare a limited number of settings, \$5 per 13 eggs. Ringlet's Barred Plymouth Rocks, all prize winners, eggs \$2.50 per 13, \$5 per 30, 8 pens. Write for particulars.

E. L. Geisel, Prop.
Originator Morganville, New Jersey

RANKER'S SINGLE AND ROSE COMB BUFF LEGHORNS

Are strictly high class, bred up-to-date. My matings contain first prize winners at Cleveland, Chicago, Boston, 1909 and 1910. Mating list is free. Send for it now.

L. W. Ranker : Buff Leghorn Specialist
Box A : Tiffin, Ohio

Powerful Disinfectant and Louse Killer

Why pay \$1 and \$2 a gallon when you can prepare it right at home for only a few cents. For only 10c I will send you my illustrated poultry supply catalogue and complete printed instructions for preparing your own disinfectant and louse killer. It will not only kill all germs but also keep down scaly leg and lice without injury to the fowl.

Geo. Stirdivant, Box 9, Sheboygan Falls, Wisconsin

EGGS

From Ferris' S. C.
White Leghorns



Will produce winners and layers. They have been bred in line for years for size, vigor and eggs as well as for Standard requirements. Their winnings at the leading shows, including Toledo, Chicago, Louisville, St. Louis, Detroit, Grand Rapids and the Michigan and Indiana State Fairs, and in our customers' hands at practically every show of importance in the country, is proof of their quality.

We have ten exhibition matings this season, prices ranging from \$3 to \$15 per setting. Every pen contains winners mated to produce chicks that will win in strong competition. If you want to raise exhibition stock of the very finest quality, send for our mating list. It describes the matings fully and tells just why you should breed Ferris Leghorns.

Our choice utility eggs at \$1.50 per setting, \$7.50 per 100, are worth much more. We guarantee 90 per cent fertility and replace infertile eggs free of charge, the same as from our exhibition matings. The birds in these utility matings will score from 90 to 94 and they are large, vigorous and the best of layers.

Send for free catalogue and mating list containing prices, winnings and full particulars regarding this strain of winners bred to pay.

THE FERRIS POULTRY FARM
Geo. B. Ferris, Prop.
555 NO. UNION GRAND RAPIDS, MICH.

EGGS COLUMBIAN WYANDOTTES EGGS

In a large class of Columbians at Grand Rapids show I won 2d cock; 1st and 2d hen; 1st, 2d, 3d and 4th cockerel; 1st, 2d, 3d and 4th pullet; 1st and 2d pen; silver cup and A. P. A. diploma for best cockerel. At Holland, 1st cock, 1st hen, 2d cockerel, 1st pullet. A limited number of eggs from my best matings at \$3 per 15; \$5 per 30.

J. G. Van Dyk, Station C, Grand Rapids, Michigan

Fluffy Ruffles Strain

Finest specimens of **Barred Rocks** ever produced. Champion of all champions. Ten years ahead of the times. Winners at New York, 1908-9. Stock up-to-date. Circular free. A continuous record of winnings since 1894.

Welleslea Farm Poultry Yards C. H. Welles, Prop. Box A Stratford, Connecticut

R. C. R. I. REDS

Seven yards, grand matings, winning strain. Fair treatment. Eggs and baby chicks. Send today for mating list and prices.

G. J. Boehland, P. 33, Rockford, Illinois

Wing's S. C. Black Minorcas

Are prize winners and great layers. At the recent Grand Rapids show we won first cock, first and second pullet and first hen. Chief Big Comb heads our breeding pens. He weighs 9½ pounds. Has been exhibited five times in New York State and Michigan in 1909-10, and won five blue ribbons. He is a strong, vigorous bird and as a sire has proven especially fine for pullets. Our layers are kept in flocks of 6 hens each. They are in the very pink of condition. We give to a flock of 200 nearly all our time and attention. They have layed well November, December and January. They are bred to strong, healthy cockerels, entirely unrelated. We are offering on account of room a few May hatched pullets now laying at \$4 each. No culls. Will book orders for two months old pullets from best pens at \$1 each, delivered June 1st or thereafter. This is a proposition worth considering. Eggs for hatching, \$1.50 to \$3 per 15. Order early. Send for catalogue.

F. C. Wing :: Box 152, Wayland, Michigan

SINGLE COMB BUFF AND WHITE ORPINGTONS

Of the highest type and quality. None better. A grand lot of young birds for exhibition and breeding purposes at reasonable prices.

EGGS FOR HATCHING

from six grand pens, \$3 and \$5 per 15. Illustrated mating list free. My stock and prices are right. Write me your wants. Satisfaction guaranteed.

Edgemere :: C. A. Keefer, Prop. :: Muskegon, Michigan

CHAS. F. THOMPSON & CO.

Box 9 LYNNFIELD CENTER, MASS.

RHODE ISLAND REDS : BARRED ROCKS : WHITE WYANDOTTES

Now booking orders for day-old chicks. 200 egg strain. Eggs, \$1, \$2, \$5 per sitting; \$6, \$10, \$20 per 100. Catalogue free. Stamp for Red Standard.

Ringlet Barred Plymouth Rocks



have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned. They show the ringy barring and sharp contrasting colors that win under all judges. Write me just what you want and I will make you a low price considering the stock you get. Eggs from the world's finest exhibition mating. One setting, \$4.00; two settings, \$7.00; three settings, \$9.50; four settings, \$12.00.

F. R. Green : Lake City, Iowa
One of the oldest breeders of Barred Rocks in the West. At it over 21 years.



YOU WANT EGGS FOR HATCHING

That are sure to give you the very best of results. When you consider the fact that our matings for this season are by far the best we have ever owned and that all our breeders are farm reared, strong, healthy birds, and that each breeding yard has an acre run, then you can begin to realize that it will pay you to buy eggs

From U. R. Fishel's White Plymouth Rocks

They are the most beautiful and profitable fowl bred today. Consider their large size, pure white plumage and rich yellow shanks, and above all, their excellent egg producing qualities; do this before you buy any other variety. In fact, there is no breed that will or has proven to be the fowl for everyone as has the U. R. Fishel White Plymouth Rock. No wonder then they are conceded to be

The Best in the World

Now why ponder over the question where to place your order for eggs. We are in a position to give you prompt service. Although our matings are better than ever before, our prices remain the same as last season.

\$8, 15; \$15, 30; \$25, 60

We have about 500 choice cockerels to sell. Splendid birds and fit to head any yard. A lot of selected breeders, and utility birds a plenty. Write us. Send 2 dimes for 56-page catalog; worth dollars to anyone interested in poultry.

U. R. Fishel, Box A, Hope, Ind.

100 PER CENT PROFIT

THE FIRST YEAR

Keeping Poultry by the Philo System



PHILO NATIONAL POULTRY INSTITUTE. 27,000 SQUARE FEET OF FLOOR SPACE

We Guarantee

That any intelligent person can make a profit of 100 per cent on an investment in the poultry business by the Philo system, and our guarantee is backed by

One Hundred Thousand Dollars

worth of real estate in the city of Elmira, consisting of thirty acres of land and the complete plant of the Philo National Poultry Institute. This entire plant and equipment has been completely paid for out of the earnings of the poultry and poultry supply business by the Philo System.

The discoveries made to perfect the Philo System are the results of forty-one years' experience by one person experimenting and investigating the poultry business. We know that still larger profits can be and are being made by following our instructions, or we would not risk a hundred thousand dollars to back our guarantee. Our book, "The Philo System," tells how to do the work from start to finish and gives you the right to use all our inventions and discoveries to get such wonderful returns.

If in doubt about our responsibility and the value of our guarantee, write Mr. D. M. Pratt, President of the Second National Bank, Elmira, New York, or any other reliable party.

Send us \$1.00 and we will send you promptly our complete book and our agreement.

E. R. Philo, Publisher : 629 3d St., Elmira, N. Y.

CONTENTS OF THE PHILO SYSTEM BOOK:

Artificial Heat

Better poultry without it.

Artificial Incubation

About opening incubator during first week.

Avoid too much cooling.

Changing position of eggs.

Cooling the eggs at night.

Cooling the eggs on special days.

Overcoming defective work of first week.

Generation of heat by growing chicks.

Never set eggs in two layers.

Rules for second and third weeks.

Temperature of working room.

The cause of failure.

The instinct of the hen.

To raise temperature quickly.

Use of woolen cloth and hot water.

Watch the damper and regulator.

Best Age for Breeders

Best results from year-old hens.

Hatching in February and March.

Hens from five and ten years old.

Winter hatched pullets quick moulters.

Breeders for Broilers

Breeders for Exhibition

American Standard of Perfection.

Chicks from first eggs after mating.

Keeping careful records.

Use of leg bands.

Breeding in Line

Bad effect of in-breeding.

To insure good qualities of your birds.

Brooders

Disadvantages of wooden brooders.

Brooder coop advantages in getting fertile eggs.

Brooding without artificial heat.

Baby chicks outdoors in zero weather.

Large brooders a mistake.

Metal Mother first week in cold weather.

Number of chicks in fireless brooder.

Use of fireless brooder.

Perfect conditions and better birds.

Care of Breeding Stock

Adaptability of our summer and winter coops.

Hardening fowls to cold weather.

Must be protected from draughts.

Wintering breeders in barn loft.

Coop Construction

Of brooder coop.

Of summer colony coop.

Of winter colony coop.

Of combination economy coop.

Double winter coop.

Fireless brooder.

Feed hopper.

Galvanized iron trough.

Egg Production

Early laying pullets best producers.

Good points of a productive hen.

How to get large egg yields.

Large hens not best.

Laying in cold weather.

The color of eggs.

The hen for market eggs.

Measuring food bad practice.

Sprouted oats.

The rest periods.

Eggs When Prices Are High

Bringing the highest market price.

Hatching in winter.

Out-of-date methods.

Summer and fall chickens.

Natural breeding season.

Fertility

Fertility and feeding.

Fertility after mating.

Fertility after separation.

Results of change in mating.

Sure results after two weeks' mating.

Food

Cooked lean beef.

Cut clover.

Chick's first food.

Feeding the first three weeks.

Feeding from three to eight weeks.

Feeding from eight weeks to maturity.

Full crops at night.

Formula for wet mash.

Food for cold weather.

Green cut bone never given.

Green food at 15 cents a bushel.

Give hens all they will eat.

Hens properly fed.

Never feed grease except for fattening.

Oats spaded in dirt daily.

Straw on floor.

Sprouted oats.

Supply bulky food in the morning.

Water supply and egg supply.

Winter food.

Gapes

Grading

Green Cut Bone and Infertility

Hatching

Get ready before ordering eggs.

Keep in advance of your business.

Hatching with hens.

Active hens the best setters.

Changing eggs in the nest.

Cleaning eggs.

Nests on ground no better than in the barn loft.

Raising the chicks in our brooders.

Saving the chicks by removing the eggs.

The causes of poor results.

Helping the Chicks in Hatch

Chicks properly grown can all be saved.

How to save them.

How to Start

Buy the best eggs obtainable.

Foundation stock hatched in February and March.

Guaranteed fertility.

Starting with two pairs of birds.

Starting where you now live.

How to Use Coops

Large and Small Flocks

Egg production.

Advantages of small flocks.

Leg Weakness

Indigestion the cause.

Remedied by care in feeding.

Seldom occurs when chicks are on the ground.

Lice

Put powder on brooder cloth.

Use of boiling water.

Use of wood ashes for hens.

Location

A combination for an acre lot.

Natural grit.

Sandy and gravelly soil.

Stony and lumpy soil to be avoided.

The new Philo plant and grounds.

Keeping Eggs for Hatching

Evaporation of moisture decreases the vitality of the chick.

Germ killed by high temperature.

Low temperature not disastrous.

Natural position for keeping eggs for hatching.

Not best to turn eggs daily while waiting.

Temperature and evaporation.

Temperature.

Two weeks the limit for keeping eggs to hatch.

Setting eggs the day they are laid.

Moisture

Evaporation while waiting for hatcher.

Excessive moisture produces too large a chick for the shell.

Supplying moisture the last week.

Too little moisture and the results.

Pedigree Breeding

Banding chickens.

Expanding the leg bands.

Mating the birds.

Record difficult to keep.

Sixteen toe marks.

Plans for a Large Plant

600 coops on two acres to accommodate 10,000 chicks.

Poultry Helps the Garden

Mixing the fertilizer with soil.

Value of the fertilizer.

Pullets

Properly matured in space of one and a half square feet.

Winter hatched pullets as breeders.

Results of Philo System

\$1,500 a year from 60 hens.

\$1,500 a year for market eggs from 1,000 pullets.

Average eggs hatched and chicks raised.

Another estimate of profits, chiefly from broilers.

Cost of starting a broiler farm with 60 lampless brooders, coops and incubators.

Setting brooder-hatcher Dec. 10.

Plan of new grounds.

National Philo Poultry Institute.

Selecting Breeders

Advantages of selecting new breed.

As to the superiority of breeds.

Breed a matter of choice.

Making setters of non-setters.

Productiveness between rest periods.

Strain considered above breed.

The good breeding hen.

Width of hen and general make-up.

Selection of Hatching Eggs

Less than 24 ounces or more than 32 ounces per dozen never used.

Shape and color of shell important.

The test by sound.

Weight of 25 ounces per dozen preferred.

Sex Control

Selection of male and female.

To raise 70 to 90 per cent cockerels.

To raise nearly all pullets.

Vitality of male and female.

Testing Eggs

Theories without foundation.

To make a living from poultry.

Not a "get-rich-quick" scheme.

Ordinary good stock.

Prices of eggs and profits per hen.

Strict attention to business daily.

Two-Pound Broilers

In eight weeks.

Raised in space of one square foot. Tender as squab when closely confined.

The food and care of broilers.

To prevent leg weakness keep on spaded ground.

Use of salt and of milk.

What investment and profit to expect.

Winter Quarters

Adaptability of houses already built.

Comfort of the fowl.

Importance of ventilation.

Keep flocks small.

Ground not so important for mature hens as for young and growing chickens.

Value of Sunshine

White Wyandottes

Come on and book your orders for eggs before you are too late. Two dandy pens. Quality strain.

J. J. Heverly & Son :: Center Point, Iowa

S. C. BLACK AND WHITE MINORCAS

Eggs and stock for sale in season.
A square deal with all. Member
of American Black Minorca Club.

G. B. Smith & Son, Box 454, North Baltimore, O.

Knisley's Silver Cup Winners—Single Comb Buff and Black

ORPINGTONS

Winners of Jamestown, Hagerstown, Washington, Philadelphia, Allentown, York and Dalls-town. Stock for sale at all times. Eggs for hatching in season. \$5 and \$10 per fifteen eggs. Satisfaction guaranteed.

PINE ROSE POULTRY YARDS
R. J. Knisley, Proprietor York, Pennsylvania

White P. Rocks

Exclusively. Prize winners scoring to 95. Eggs in season, \$3 per 15. Quality, not quantity, is my aim.

J. F. RAFFERTY, - CANTON, ILL.

**THE UHL HATCHERY**

OUR 10th SEASON—We will have the most perfect Mammoth Hatchery, and furnish only strong and perfect chicks (just like hen hatched). More varieties, and highest quality pure bred stock. Book orders early. Catalogue free.

M. UHL & CO.
Box B, New Washington, Ohio

Golden Wyandottes

The prize winning and egg laying kind. At Boston, January 1910, they won 2d cock, 2d, 3d, 4th and 6th hen, 6th cockerel, 1st, 3d, 4th and 5th pullet, 1st pen, best cock and 4 hens, best cockerel and 4 pullets and 15 other specials. Let me quote you prices on this kind of stock. I have bred Golden for 14 years and you will get the benefit of this kind of breeding for they will breed right.

Loren H. Brown, Lock Box 16, Lunenburg, Mass.

WHITE AND COLUMBIAN Wyandottes

Winners at World's Fair, Madison Square and win again Boston, 1910. Exhibition and breeding stock for sale. Also eggs from yards containing my winners, \$5 per 15. White Rocks with a long list of winners at the leading shows. Plenty of grand breeders yet for sale and eggs from several grand pens. Order early

C. W. Pratt :: North Abington, Massachusetts

Luttinger's

Single Comb White Leghorns and White Plymouth Rocks are large, vigorous, pure white birds. If you want birds that are fine Winter layers as well as prize winners, let me have your order. Winners at Paterson, N. J., 1910, \$2 per 15; \$3.50 per 26; \$6 per 50; \$8 per 100.

HILL CREST POULTRY FARM
Eugene Luttinger, Prop., Totawa Borough, N. J.

MICA-CRYSTAL THE BEST GRIT ON THE MARKET

Contains Mica, Iron, Magnesium and Quartz, each in its purest and best form. It is of such peculiar formation that it will not take a polish as is the case with grit made from white quartz or marble and unlike limestone grit, or grit of like soluble substances, is not dissolved by the fluids in the crop, consequently it never loses its sharpness. It sharpens itself by contact, the only grit that does, and therefore excels all others as a grinder.

Without grit the feathered tribe cannot be healthy or productive. This is a well demonstrated fact in nature. Grit is to the fowl what teeth are to other members of animal creation.

Let us prove the truth of what we say by filling a sample order for you. Manufactured only by
MICA-CRYSTAL CO. - - - CONCORD, N. H.

S. C. WHITE LEGHORNS

SNOW FLUFF STRAIN—In originating and improving our strain only birds of highest standard type and greatest laying qualities as shown by accurate individual trap-nest records were used. As a result today we have not only one of the greatest prize winning strains in the world, but are unequalled in egg producing qualities. We won 1st pen Cleveland '08 and again in '10. Eggs for hatching (containing 1st prize pen 1910), \$5 15. Other grand pens of highest excellence, \$2 per 15; \$12 per 100. Incubator, \$8 per 100. Satisfaction guaranteed.

White Feather Poultry Farm : : : Rocky River, Ohio

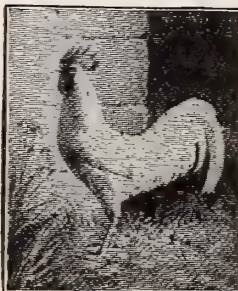
R. C. BLACK MINORCAS

In addition to my wins advertised last month, I won at the International at Buffalo in a class of sixty-three birds, competing with the bulk of Madison Square winners, first hen, first cockerel, third pullet and first pen. My cock bird was injured in shipping, throwing him out of the running.

Black Cochon Bantams

won at Buffalo first cock, first hen, second cockerel, third pullet, first pen, specials for best Cochon Bantam male and female, special for best pen ornamental Bantams, silver medal for best ornamental Bantam in show. Send for circular. Mention American Poultry Journal.

Dr. J. N. Mac Rae Galt, Ontario, Canada



Bob III

LUCKY 13!**S. C. W. Leghorns**

I showed thirteen birds at Indianapolis, February, 1910, in strong class of 49 birds and won second cock; 1st and 2d hen; 1st, 2d and 4th cockerel; 1st and 4th pullet and 1st pen. Every bird entered won a prize. Send for free mating list. Eggs, \$5 per 15. Indian Runner Ducks, first cock and second hen at Indianapolis. Eggs, \$2 per 15.

Harmon Bradshaw -:- Box A, Lebanon, Indiana

World Famous Incubators ARE BEST

Because the principles used are the best.

No Turning Eggs by Hand

Our new turning device turns them all at once—a thousand turned as easily and as quickly as one, without jolt or jar.

You Can't Overheat It

Our new double regulator makes it impossible to overheat.

Write for Catalog—It's Free

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Our Wonderful Book Offer

Successful Poultry Culture, Only 50 Cents

American Poultry Journal has just closed a contract with the publishers of "**Successful Poultry Culture**," which enables us to offer this book for one-half its regular selling price, \$1.00. This is such a really good offer and such a bargain that we want every reader to read this ad carefully and take advantage of this great bargain offer. This book has always sold heretofore for \$1.00, and thousands of copies and two editions have been sold at that price, and not one kick has ever been received.

Mr. Clarence Ward

the author of "**Successful Poultry Culture**," is a son of C. J. Ward, the founder and for eighteen years the publisher of American Poultry Journal. He was brought up in a hen coop, and is one of the best experts on poultry culture in the country.

Successful Poultry Culture

contains 128 pages and 30 handsome illustrations of fowls and practical plans for building poultry houses. It is a thorough and scientific treatise on raising poultry for profit; and is especially designed for the beginner. If the instructions in this book are followed success will surely crown your efforts. The publishers have sold thousands of copies of this book to satisfied buyers all over the country, and they can show testimonials by the hundreds from people who would not take fifty times the price of the book if they could not get another one. The chapter on "Scientific Feeding" is alone worth many times the price of the whole book as it actually tells how to

Save Three-Fourths Your Feed Bill

This system of feeding is the greatest and most valuable discovery made in the twentieth century to the poultry man. It will actually double and triple your profits from the start, and has been tried in many large and small poultry plants with the greatest success, and in every case it has placed these poultry plants on a large dividend-paying basis.

The largest item of expense in raising chickens is the feed bill, and if you can reduce this bill three-fourths, it stands to reason that the matter of big profits is solved.

The revised edition of this book,

Successful Poultry Culture

contains a chapter on Scientific Feeding that fully explains this method of feeding. It is based on a fundamental law of nature and is a correct and scientific principle of feeding chickens and ducks that will **save three-fourths the feed bill**, and at the same time will make your young chickens grow faster, lessen the mortality, make young pullets lay at four and five months old; also mature young cockerels for market and show room at the same age. It will make your hens lay in midwinter every day, when market eggs are bringing the highest prices; will keep your laying stock in perfect health in close confinement, and your hens will lay fertile eggs that will hatch strong, vigorous chicks that will live. In fact, with this method of feeding you can

Double and Triple Your Profits in the Poultry Business

This is not a patented or prepared food sold by some manufacturer at a high price. If you know how, all you have to do is to buy one bushel of common grain at the market price, take it home and make **four bushels**, which four bushels will contain more and better food value than the original bushel of grain.

No expense in preparing it; no machinery of any kind needed; no fire or cooking, and it takes less time than to cook a mash and is as easy to feed as common grain. The 128-page new and revised edition of

Successful Poultry Culture

contains this valuable information, and is worth a hundred times its price to every poultryman and stock raiser. It makes no difference whether you keep only a few chickens and one cow or a thousand of each, you cannot afford to be without it. Remember, we guarantee it will tell how to **save three-fourths your feed bill**.

Buy the Book, Price Reduced to 50 Cents

Do it today, for you will need it when you want to sell eggs at high winter prices and at the same time **save three-fourths your feed bill**. If you keep only twenty hens this book will save you twice its price in a few weeks' time after getting it. If you keep more it will **double and triple your profits every day in the year**. Send all orders to

Buy the Book and Save
Three-Fourths Your
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Trethaway's Anthracite Black Minorcas

Still hold their record by winning at the largest shows in America 1908-'9. Four choice pens mated, the cream of 18 yrs.' breeding and will produce winners for 1909-10. Limited number of eggs sold this year, \$5 per 15, \$9 per 25. Send for mating list.

ARTHUR TRETHAWAY, 45 Parish St., Wilkesbarre, Pa.

WELLS' R. I. REDS

Both combs. Prize winners year after year. Stock all sold. Eggs for hatching that will hatch. Prices reasonable.

DR. E. W. WELLS

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S. C. W. Leghorns and White Wyandottes

Whiterest Strain. Silver cup and many 1sts at Cleveland and Detroit. For the 3d time our birds won the silver cup for best display at the Cleveland show: 1908-9-10. Eggs from prize matings, \$2, \$3, \$5 per 15. Circ. free.

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For Poultrymen—Envelopes, letter heads, cards, egg labels, etc. Best work neatly done. Prices reasonable.

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BRED-TO-LAY BARRED PLY. ROCKS

Parks and Gowell strains. No stock for sale. Eggs \$2 per 15, \$5 per 50. Send for circular. :: :: ::

O. F. Mittendorf
Lincoln :: Illinois

Briarwood Farm

Rumson, New Jersey

Breeder of Silver Penciled and Columbian Plymouth Rocks; also Buff Orpingtons. Winners at Madison Square Garden, Paterson and Red Bank. Stock and hatching eggs for sale. Eggs \$3 and \$5 per setting.

C. D. Halsey, Prop. John Daly, Mgr.

BANTAMS

OF QUALITY

Cochins, Sebrights, Rose Combs

I have a few surplus cockerels (some prize winners in the lot) that will render a good account of themselves at prices that are fair. Will book a few orders for eggs at \$4 a setting from my best matings.

FREDERICK G. DAVIS
Ben Avon :: Pittsburg, Penna.

BRED-TO-LAY BARRED PLYMOUTH ROCKS

Large and prolific laying strain. Bred for eggs, size and perfection for 18 years. Young stock for sale. Orders received for eggs at all times. Circular free.

Wm. J. Davis :: R. R. o. 1 :: Eaton, Indiana

NORTHUP'S MINORCAS SINGLE AND ROSE COMB

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our customers in strong competition. Our Rose Comb Black Minorcas have won more first and second prizes than all competitors combined at New York, Boston, Philadelphia, Chicago and the World's Fair. Large catalogue free.

Geo. W. Hey Successor to :: :: R. G. Raceville, Washington Co., N. Y.
Geo. H. Northup & Son

:: :: BARNETT'S POULTRY FARM :: ::

Barred Plymouth Rocks

E. B. Thompson Pure Ringlet Strain—One hundred fine farm raised cockerels for sale. Stock will be scored in November with the Hale explanatory score card. Eggs, \$2 and \$3 per 15.

G. A. Barnett ::- R. F. D. No. 1 ::- Clinton, Illinois

Your Opportunity

To get eggs from matings of Barred and White Rocks, White Wyandottes and Golden Sebright Bantams equal to any in the United States. \$3.00 per 15, \$5.00 per 30, \$15.00 per 100. Size, shape, color, vigor and each free exclusive farm range. :: ::

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CREGAR'S GOLDEN ROD STRAIN S. C. BUFF LEGHORNS

Our pens for 1910 are of unequalled quality. Every bird in these pens has been selected with the utmost care, not only for Standard requirements but for egg producing qualities also. Quality—not quantity is our motto. All our 1908, 1909 and 1910 New York, Chicago, Boston, St. Louis and Indianapolis, in fact scarcely a bird not a prize winner. Such an array of quality never before found in the yards of any single breeder. A few extra fine S. C. W. Leghorn males and females for sale. We are closing out our entire stock of White Leghorns and can offer the greatest bargains in America for high class birds. Write for mating list.

H. Cregar & Sons. Jackson Boulevard, Forest Park. Illinois

PINE GROVE POULTRY FARM COL. WYANDOTTES

At Boston, 1909

Won fourth and sixth cock, third and fourth hen, third cockerel, first and second pullet, silver cup for best display, special for best cock and four hens, special for best cockerel and four pullets, special for best shape female, special for best colored female, special for best pullet and special for best female. Twenty-five extra good cockerels for sale. Ten grand pens mated for the egg trade. Eggs for hatching, \$5, \$3 and \$2 per fifteen. Send for mating sheet. Mention American Poultry Journal. :: :: :: :: ::

WILLIAM HUNT, PROPRIETOR
BOX R: NORTH MIDDLEBORO, MASS.

Our New **Poultry Book**

ORIGIN AND HISTORY OF ALL BREEDS OF POULTRY

This Book Gives a Complete History and the Origin of all the Recognized Varieties of Chickens, Ducks, Geese and Turkeys, and is

Illustrated With 198 Colored Pictures of Fowls Painted From Life

SOMETHING NEVER BEFORE ATTEMPTED BY ANY PUBLISHER

This is, without question, the greatest book ever published on poultry. The artist's work alone on this book took almost one year's time to complete, but it shows the fowls in their natural colors and correct shape, and these colored pictures, together with the history of each variety, gives the fancier all the information to produce fowls for either exhibition or breeding.

How to Mate

This book also tells how to properly mate the different varieties of fowls to produce birds that will conform to Standard requirements. This is something that even the Standard of Perfection does not do. It tells you at a glance what it will take years of practical experience to learn. It is a book that no breeder or fancier can afford to be without, as it is just as suitable for the needs of the experienced fancier as for the amateur.

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Or this Book and American Poultry Journal, one year, for only \$1.25

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Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business.
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S. C. B. Minorcas

B. P. Rocks, W. Wyandottes. Black beauties winners East Liverpool, O. and New Brighton. Eggs \$1.50 per setting. **A. Bloom, Rochester, Penn.**

Incubator Alarm

Just what has long been needed, inexpensive and easily attached to any machine. It keeps you posted on the temperature day and night, thus removing all danger of overheated or chilled eggs. It insures a better hatch by enabling you to keep an even temperature and will save time and money. Write for circular today.

ACME INCUBATOR CO., (Not Inc.)
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INCUBATOR

And Brooder Supplies, Fixtures and Repairs

March catalogue just issued.

Send for it today. :: ::

Oakes Mfg. Co., Box B, Tipton, Indiana

MORE PROFITS ON HOGS

My friend:—Have you hogs? Will you accept \$100 extra for feeding them?

James fed his hogs the same amount of corn that Smith did. James made his gain from 160 to 260 pounds. At $7\frac{1}{2}$ cents a pound this made \$2.25 difference per hog that Smith got out of his feeding over what Jones did, just because Jones did not know how. He was not progressive and Smith was.

James' 50 hogs brought him \$975, while Smith's 50 hogs brought \$1,087.50. Smith's knowledge therefore was worth to him \$112.50. It shows that knowing how makes success not only for the farmer as well as the lawyer and banker; it enables them all to make money. This tip ought to be worth something to you; some will make it worth \$100 this fall.

It isn't what the hog eats; it is what he digests that makes the money. Experience is our best teacher. We are all in a school, learning. We could preach you a great sermon on this; but you have no time for words or arguments. You want quick money. It costs the man who first proves an undiscovered fact (which, of course, always existed), but the man doing so is a benefactor as well as an educator of his fellow-farmer.

The principal cost of producing pork is the feed. Prof. Dietrich says "90 per cent of the farmers have nearly everything to learn about how to feed a hog to get the most out of him at the least cost." We can help every one who will be helped to progress; the others will continue to lose the hundred dollars a year.

"For \$1 we will send you the American Swineherd, the aggressive and progressive acknowledged leader, devoted to the swine industry, for 4 years, and will give you as a premium the Progressive, Scientific Feeding Formula for increasing the gain while feeding, fattening hogs, a half pound a day per hog over the customary way of feeding from the same feed given. This hygienic secret made the discoverer a fortune fattening hogs.

It is simple, sensible and just as easy feeding as the old way. Yet it is progressive and scientific. It is of such real value that no sensible man can ignore it. It has been proved so conclusively and repeatedly that we have an abiding faith in it and agree to make good or give money back, making you absolutely safe.

This fair offer is good for 10 days.

We also give additional premium, copy of the Pig Feeder's Manual, itself worth double to any hog raiser what you pay us. The paper stops at the time paid to.

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"Ringlet" Strain of Barred Plymouth Rocks—Make another clean sweep at the big Wisconsin State Show, January 5 to 10, 1910, winning 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d, 4th and 5th on hens; 1st, 2d, 3d and 4th on pullets; 1st, 2d and 3d on exhibition pens. Also all specials, including sweepstakes silver medal for best cockerel in the show offered by the American Poultry Association. Write us just what you want. Our prices are right and we positively guarantee every sale to please in both stock and eggs or refund your money cheerfully. Fine illustrated catalogue, containing very many strong testimonial letters for the asking. Eggs from finest matings in the world at \$5 per 15 or \$9 per 30.

King Brothers, Largest Specialty Breeders in the Northwest, Oshkosh, Wis.



Silver Laced Wyandottes, Houdans and Indian Runner Ducks

Of the rarest quality. At the great Chicago Show, December, 1909, on seven entries we won 5 firsts, 1 first and 1 third and 1 grand prize. Also winners at Illinois State Fair and Libertyville. Greatest layer in America. Laid bred over thirty years. In 1906 we furnished the late E. Orr with his entire flock of Silvers, including the majority of his sensational winners for his Beaver Hill Farm. Have nine grand matings to supply our egg trade for 1910. The picture here is not the kind of birds we breed. If you are interested in any of our varieties, we will mail you circular on request containing life-like reproductions of unretouched photos of live birds in our own yards today. Write today.

Blue Bell Farm. W. J. Patton, Proprietor, Vice-President The Houdan Club, Glenview, Illinois

Canada's Best R. C. and S. C. Black Minorcas

Our entire stock of breeders, both R. C. and S. C. Black Minorcas to be sold during the next thirty days to the highest bidder. About 70 birds and the best lot I have ever sown. Among the lot are two S. C. cockerels that I consider as better birds than the one that won first at Madison Square, December, 1909. Also first R. C. pullet at late Chicago show, for which I paid Mr. Lloyd Mishler \$100. Will sell the R. C. and S. C. separate if desired, but will not job them out. Don't delay or you will miss the chance of your life as I consider I have the choicest flock of Minorcas on the continent today.

T. A. Faulds :- London, Ontario, Canada

BAY VIEW STRAIN

Rose Comb Rhode Island Reds

Extra strong in wing markings and known the world over as the great shape strain. I bred and sold winners for Madison Square Garden last year, also for the Jamestown exposition. If you want eggs that will produce this class of stock, send for mating list. Satisfaction guaranteed.

Edwin W. Bogert, Proprietor, Box 6, Port Washington, N. Y.

BUFF WYANDOTTES

The quality of our birds has arrived, they are not on the way or has been winning all first prizes in 2 successive years at Boston, making them : : : : :

PRE-EMINENTLY "THE" BUFFS OF AMERICA

Boston, 1909: Cocks, 1, 2, 3, 5; hens, 1, 3, 4; cockerels, 1, 2; pullets, 1, 2, 3, 4; pens, 1, 2. Boston, 1910: Cocks, 1, 2, 6; hens, 1, 2, 4, 6; cockerels, 1, 4, 6; pullets, 1, 2, 3, 4; pens, 1, 2, 3. Our breeding pens are the "last word" in quality headed by champion of champions. Champions seven Boston first and four second prize winners, as follows: First prize cock, first prize cockerel, second prize cockerel, first and second prize pen cockerels, all at Boston, 1909. First prize cock, first prize cockerel, fourth prize cockerel, first, second prize cock, second and third prize pen cockerels, first prize pen fowl cock, all at Boston, 1910. We will sell eggs from all our pens. Send for mating list

MATTISON & TOEL

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Money in Poultry, \$3,600.00

NET PROFIT FROM 30 HENS IN ONE SEASON ON
A LOT 24x40. IT IS NOT AN EXPERIMENT, IT HAS
BEEN DONE ON THE **Kellerstrass Farm**

My New Poultry Book

Covers all branches necessary for Success with Poultry. It tells you what I have done. It was written from actual experience.

IT TELLS YOU HOW—

HOW I made \$3,600.00 in one season from thirty hens on a lot 24x40 by feeding them the scraps from my table three times a day. The test was made to show what can be done on a city lot as well as on a farm. I also furnish you the names of the parties who paid me over \$2,000.00 for the eggs alone from these thirty hens, for reference, which is evidence undisputable. Remember this book is written by a man who has had the actual experience.

HOW I make my chickens weigh two and one-half pounds when they are eight weeks old.

HOW I prepared my chickens for the show room so that I won over 90 per cent of all the blue ribbons that were offered during 1907 and 1908, the last season that I showed. A "secret" that has never been published before.

HOW I built my indoor and outdoor brooders for 85 cents each, to be used either as fireless or with heat in them and plans for the same.

HOW I raise ninety-eight chickens out of a hundred that I hatch.

IF YOU RAISE CHICKENS OF ANY KIND YOU NEED THIS BOOK

HOW I took a flock of chickens and made them lay \$68 worth of eggs per hen in ten months!

HOW I keep my male birds from fighting without injuring them.

HOW I raised the five chickens I sold to Madame Paderewski for \$7,500.00.

HOW I feed my chickens for egg production.

HOW I keep my chickens healthy and free from sickness.

HOW I select a good laying hen from the poor layer.

HOW I break up my broody hens without injuring them.

HOW I pack my eggs so they will stay fresh.

HOW I mate up my chickens for breeding and fertility.

HOW I run my incubators and supply moisture.

HOW I raised my famous \$10,000.00 hen "Peggy."

HOW I build my hen houses and plans for the same.

HOW I bred my big egg-laying strain.

It also tells about broiler plants, egg plants, and remember, there is also an article in this book called "Two Years on the Kellerstrass Poultry Farm," which explains hundreds of things—just what we do in two years on the farm, or in other words, a two years' course on the "World's Greatest Poultry Plant." This is the greatest article ever written by a real practical poultryman.

Remember, this book was written by a man who has sold the highest priced chickens in the world, who also sold \$68.00 worth of eggs per hen from a flock of hens in one season, in fact, if you breed a chicken of any kind you know my reputation as a breeder. This is the first time I have ever offered to sell any of my "methods or secrets" to the breeder or to the public.



Try My Way and You Can Raise Them by
the Thousands

READ WHAT OTHERS SAY

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—I herewith enclose you affidavit; also trap nest record of the Kellerstrass Strain Crystal White Orpington hen, register No. 503, that laid two hundred and sixty-three (263) eggs in 272 days.

(Signed) P. J. HARLLEE,
Chattahoochee, Ga.

August 8, 1909. Ernest Kellerstrass, Kansas City, Mo.

Dear Sir:—Congratulations on the splendid showing you have made by selling \$68.00 worth of eggs per hen from thirty hens in one season.

G. M. CURTIS, Editor Reliable Poultry Journal,
Quincy, Ill.

My Dear Mr. Kellerstrass:

I have sixteen of your hens that average two hundred and thirty-one (231) eggs per bird in 12 months.

LAWRENCE JACKSON,
Pittsburg, Pa.

July 19, 1909.
The simplest sort of a thing—common black dirt—has solved the problem of eradicating a chicken disease which cost thirty million chicks' lives annually, a disease which scientists of the National and State Experimental Stations have been studying without success for ten years. Ernest Kellerstrass, the Kansas City poultry fancier, found the secret.—St. Louis Republic.

May 23, 1909.
The remarkable hen "Peggy" is owned by Mr. Ernest Kellerstrass, of Kansas City, Mo. She had traveled all over the globe capturing prizes. Mr. Kellerstrass has forty-eight hundred chickens

of this family and Peggy is the most perfect. He controls the output of perfect Orpingtons.—Sunday Chicago American, March 19, 1909.

Mr. Kellerstrass is now easily one of the leading and most successful breeders in America, and perhaps during the past two or three years raised more good prize-winning birds on his farm, devoted exclusively to White Orpingtons, than any other breeder on this continent.—Poultry Success, Springfield, Ohio, February, 1909.

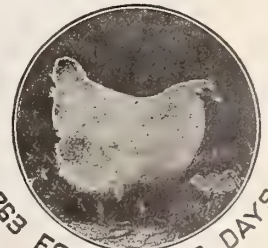
The White Orpingtons began their real history in the American fancy when Mr. Ernest Kellerstrass took them up. Mr. Kellerstrass has done for this variety and for the breed of Orpingtons in general what no other man has ever accomplished for any other breed.—American Poultry Journal, Chicago, Ill.

It was a rare treat to spend a day in September at the Kellerstrass Farm, where were originated the Crystal White Orpingtons, now famous the world over. Mr. Kellerstrass himself does the work of a half dozen expert poultrymen and does it right. Mr. Kellerstrass exhibited upwards of \$25,000 worth of birds at the Chicago Show.—Western Poultry Journal, Cedar Rapids, Ia.

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Mr. Ernest Kellerstrass, of Kansas City, Mo., is the owner of the most perfect fowl in the world, according to the National Poultry Association of America.—New York Herald, March 15, 1908.

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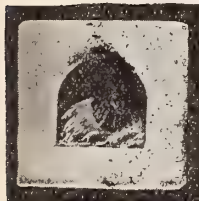
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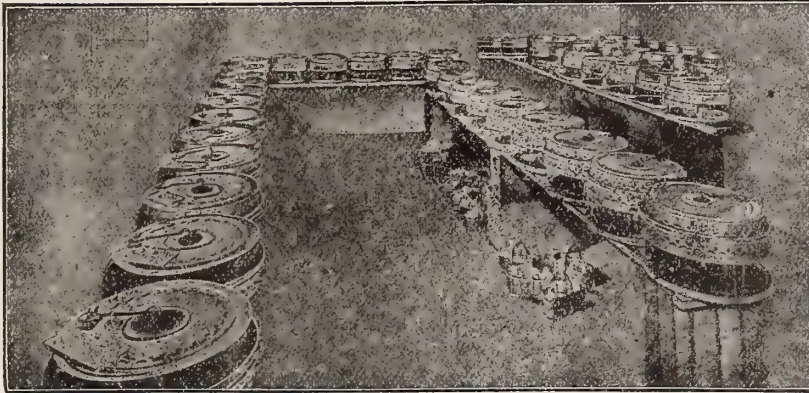
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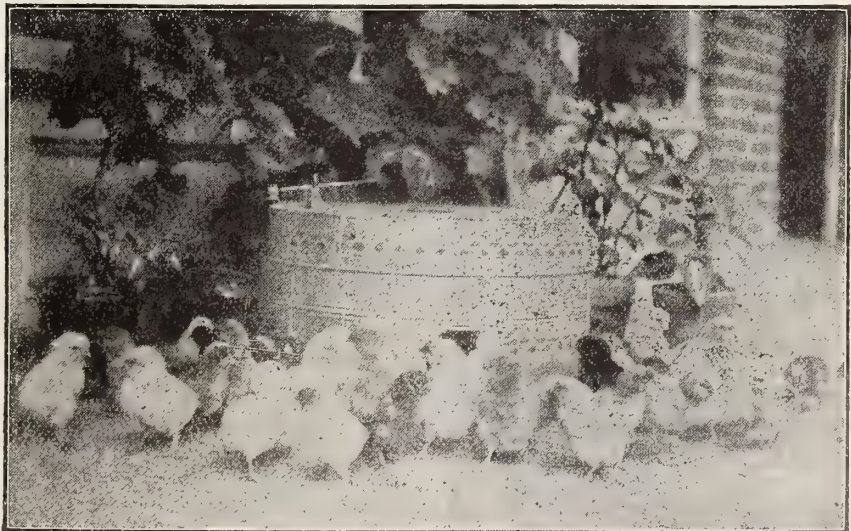
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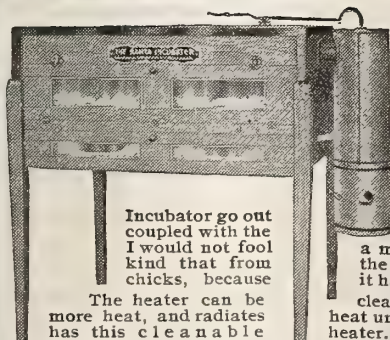
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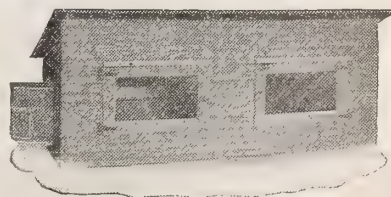
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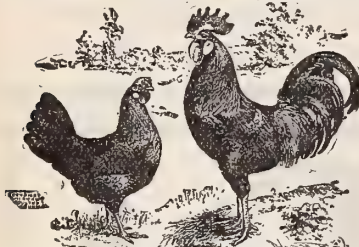
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At Fort Wayne, Indiana, January, 1910, in hot competition were first and second cock; second, third and fourth hen; first, second and third cockerel; first, second, third and fourth pullet and first pen on Single Combs, and on Rose Combs, first cockerel; first, second, third and fourth pullet and first pen. No old stock shown. Also special for best display in this American class. Also special for best display in the show any breed or variety. Write for mating list.

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Hearsfield's Barred Rocks, Cornish Fowl and S. C. Brown Leghorns

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AT THE GREAT WEST MICHIGAN STATE FAIR—Won in the hottest competition 1st and 3d cock, 1st and 2d pullet and 2d and 3d cockerel. Won silver cup three years in succession for best pen at Grand Rapids. We are now booking orders for eggs and baby chicks; Buff Wyandottes and K. S. S. C. Rhode Island Reds. Write for mating list.

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Just from Missouri, where we did show them sure enough. Now I am going to show you the quality of my "Perfection" Strain that can be found in my breeding yards this season. My type of White Wyandottes is known all over the world as being as near Perfection as has ever been produced, and winners in most any of the best shows can be traced to my

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My records, at Chicago, December, 1908; Peoria, Ill., November, 1908, and Kansas City, Mo., January, 1910—the Madison Square of the West—will long stand unequalled. At these shows (the last three shown in competition) they won all the Blue Ribbons—15 out of a possible 15. At Kansas City, 1st, 2nd, 3rd, 4th cock; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, 5th cockerel; 1st, 2nd, 4th, 5th pullet; 1st, 4th pen. Specials: The Weekly Kansas City Star's \$150 silver trophy cup for best bird in the show, all varieties competing. The Schmelzer Arms Company's \$50 silver trophy cup for best display, all varieties competing. All the above prize winners (with one exception) can be seen in my breeding yards this season, as I wish to give my patrons good value in eggs for hatching.

Why delay placing your orders? DO IT NOW, that the "Early Bird" may "Catch" the Ribbon. Have your orders booked early and be assured of prompt delivery. Fifteen grand pens. Mated for the Egg Trade, including all my prize winners. Eight of them headed by the best sons of "Perfection," the greatest living White Wyandotte sire. Prices of eggs: As they run (i. e., eggs from all pens), \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. From pens of your own selection, \$10 per 15; \$18 per 30; \$25 per 45. Utility and incubator eggs (from surplus stock I carry over for next season), \$3 per 15; \$5 per 30; \$7 per 45; \$12 per 100.

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My yards now contain first Barred Rock cock; second and fourth adult Ganders; first, second and third adult Geese; first and second young Ganders and first and second young Geese; also Pekin Drake at St. Louis, December, 1909. Stock and eggs in season. :: ::

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Eggs from fine birds, \$2 per 15. I guarantee satisfactory hatch.

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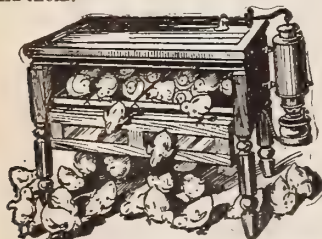
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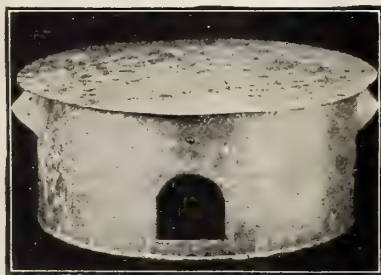
¶ Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. ¶ REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. ¶ Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

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Price Only \$2.50

Follow nature's way and raise from 95 per cent to 100 per cent of the hatch. Solves the vexing Brooding Question and brings chicks to maturity healthy, stronger and larger than even the mother hens. No more death loss or stunted chicks from lice, overcrowding or overheating. A constant supply of fresh, warm air, thoroughly diffused before entering the brooding chamber, is brought about by our perfect system of ventilation. Not simply a close built galvanized iron box, but a sanitary, practical, scientific brooder from every standpoint; double walled and warm enough to place outdoors with success in freezing weather.

Whether you raise 25 or 1,000 chicks, whether you hatch with incubators or by hens, you want this brooder to raise the chicks in, if you wish the highest possible percentage of healthy chicks. Remember, no danger of fire, no loss, no overheating, no cold corners, no crowding. All successful poultrymen are adopting this method. Our brooder is no experiment; is in successful operation everywhere. Only one size made, 50-chick capacity. No brooder should be made to hold more chicks. Can be used indoor or outdoor. Send for catalog or order direct. Price for one brooder, \$2.50; two for \$4.50; three for \$6.50 or five for \$10. Address all orders to

GOSHEN POULTRY YARDS : BROODER DEPT. : GOSHEN, INDIANA



Crescent Poultry Farm, Frank Foy, Prop., Des Moines, Iowa

Foy's Big Book---Money in Poultry and Squabs

Describes and illustrates all the leading varieties of pure bred fowls and Homer Pigeons for squab raising. "Tells you all about how to raise poultry for profit, how to feed and mate, all about diseases and remedies and a great mass of useful information." "Gives plans for building poultry houses, describes and illustrates the best incubators and brooders and the famous Crescent Poultry Farm, which is the largest poultry farm in this country devoted exclusively to the rearing of pure bred poultry and pigeons." "IMPORTANT ADVICE—Tells you how to start the business in a small way and grow big. My specialties are thoroughbred fowls of a high quality, and Homer Pigeons for raising squabs. "I can supply eggs for hatching from all leading varieties by the single setting or in large lots for incubators. My prices are low. The quality is high. All who want to keep posted in the poultry business, or contemplate purchasing anything in the above line, should send for this book. Mailed to any address for 4c in stamps. Write your wants; mention A. P. J.

FRANK FOY

: : :

Box B

: : :

DES MOINES, IOWA

ELLENWOOD POULTRY FARM

ROSE COMB AND SINGLE COMB "CHAMPION" RHODE ISLAND REDS

ARE STILL IN THE LEAD, this season our winnings proved that our quality excelled, having won more firsts regular and special prizes than all our competitors combined, at four of the leading Red shows of the year where we met and defeated the best of the past season's production in the hands of the leading breeders of the continent. At the Great Mid-West Show held in Chicago where the club meeting was held this year, we won three of a possible shape specials, thus proving our quality superior, and then to finish the season at the RECENT BALTIMORE SHOW where in competition with nearly 250 REDS we won nine out of a possible ten firsts, three Silver Cups, and 15 other REGULAR and SPECIAL PRIZES. Our matings this season surpass any of our former, so if you want the best in the world do not fail to get your EGG ORDER to us in time for early delivery, you will profit by doing so, as our prices will be one-half our Catalogue price during February, just the time for you to get out your pullets and cockerels for the FALL SHOWS. This will enable you to rank with the LEADERS this coming season. Catalogue and Mating List mailed upon request. A GRAND LOT OF COCKERELS STILL FOR SALE AT REASONABLE PRICES.

Chas. W. Lord, Manager, Hatboro, Pennsylvania

EGGS - EGGS - EGGS

BICKERDIKE'S WHITE ROCKS

Are Bred For Egg Production and Have Trap Nest Records

Up to 240 Per Year

Our breeding yards this season contain such birds as these: 1st pen, Ill. state fair, 1909; 1st pen, Mo. state show, at St. Louis, 1909; 1st ckl., Ill. state fair, 1909; 1st cock, Ill. state fair, 1909; 1st pullet, Ill. state fair, 1909; 1st cock, Ill. state show, 1909; 1st pullet, Ill. state show, 1909; 1st cock, Mo. state show, 1908; 1st hen, Mo. state show, 1908; 1st ckl., Decatur, 1907; 1st pullet, Ill. state fair, 1907; 1st hen, Effingham, 1907; 1st ckl., Effingham, 1907; 1st pullet, Effingham, 1907; 1st ckl., Farina, 1907; 1st pullet, Farina, 1908, and many others of like quality. We were never in so good position to supply good quality in eggs for hatching. Eight grand breeding yards containing all the above winners. Eggs from all yards as they run,

ONLY FIVE DOLLARS PER FIFTEEN

Place your order early. Order from this ad or ask for our spring circular; it's free. Choice breeding stock for sale. Remember, our White Rocks are pedigreed and a written pedigree goes with every bird. We can give the individual blood lines back of every egg.

J. A. Bickerdike : Box A : Millersville, Ill.

White Orpingtons and White Wyandottes

My Wyandottes made a great victory at the recent Youngstown show, where, in one of the hottest classes ever gotten together, I won three firsts and two seconds, two thirds, National White Wyandotte Cup for best cock, hen, cockerel, pullet and pen. Best display. Three \$25 loving cups, three \$10 cups, three silver medals and other prizes. My winners are all in my breeding pens.

White Orpingtons

are the same high class birds I have in my Wyandottes. I will not have any but high class birds on my place. Eggs are \$5 and \$10 per setting, and I pay express where an order is \$10 or more. I will give you honest value for your money.

F. D. Sutton

68 St. Louis Avenue

Youngstown, Ohio



First prize and color special at Cleveland, 1910

TANNENBAUM FARMS

—“VICTOR” STRAIN—

Barred Plymouth Rocks

Continue to keep in the front rank at the big shows and there is no reason why they shouldn't as they have been produced from lines that have been winning for the past several years. At Cleveland this year we won first and fifth and color special on hens and second and fifth pens. Our matings this year are second to none, as our “Victor” strain are so named because they combine high class exhibition quality with utility being exceptional good layers.

Our Columbian Wyandottes

Are also getting their usual share of high honors. At Cleveland we won second and fourth hens and second and fourth pens, showing none of our previous winners. At Madison Square Garden we won first on pullet and have added second cockerel and second pen at this same show to our breeding pens. First and second pullet and second cockerel at the Ohio State Fair are also among our list of winners. We have mated a few unusually choice breeding pens. Send for catalogue containing mating list, description and photos of plant, stock for sale, etc.

Tannenbaum Farms, Willoughby, O.



1st prize Col. Wyandotte pul., Madison Sq. Garden, '10

A THING OF BEAUTY AND JOY FOREVER NOFTZGER'S PARTRIDGE ROCKS

Can you imagine this most beautiful bird with its feathers most beautifully and delicately penciled with dark brown on a mahogany brown, making a rich chestnut coloring effect with a beautiful sheen that shines like satin? If you can imagine this, then you know how beautiful they are, and then you will want to go to the originator of this breed to secure further information. He breeds the best there is, as is proven by the fact that he

Won Again at the Big Chicago Shows

all first and second prizes, also 3 thirds and 3 fourths. He not only has a few good birds but hundreds of them, and he has less culls and more show specimens than are found in the average flock of thoroughbreds. To this fact many can testify. Judge Zimmer and others have remarked about this fact in visiting his yards. Remember this, also the fact that they are great layers, docile, easily confined and embody all the good qualities of any other variety of the Rock family, and we think you will decide you want **PARTRIDGE ROCKS**. Naturally you will want stock from the originator. He is just issuing a handsome illustrated book telling all about these fine birds, giving history, etc., which will be sent for only 10 cents. Hundreds of birds for sale. Mated trios and pens. Write for prices.

S. A. Noftzger, North Manchester, Ind.

RED, RED REDS

—ROSE COMB REDS—

I breed Reds that are red to the skin, with the correct long-bodied type that is called for in the Standard. Hence they please the Judges and win in the strongest competition in the country. I not only raise a few good birds, but lots of them; to prove this I put out two strings of birds at the same time and my birds were

Winners at the Great Missouri and Oklahoma State Shows

At Enid, Oklahoma, State Show, a show of 3,200 birds in a hot class of Reds I won 2nd cockerel, 3d cock, 1st, 2nd, 3rd pullet, 1st pen, special for best shaped male, special for best colored male, special for best shaped female, special for best colored female, special handsome silver cup for best pen and special handsome silver cup for best pen in the show. This, the most coveted prize in the show, was awarded me by three Judges consulting together. These winnings clearly stamp my birds the best R. C. Reds in the Southwest. Read what Judge C. W. Zimmer says, "To Whom It May Concern—I awarded the above prizes to Mr. Robert Bretz, and I consider his birds exceptionally fine specimens and eggs from these birds are well worth the price asked—\$10.00 per 15. Respectfully,
C. W. ZIMMER, Judge."

Eggs from Prize-Winning Pens

Have mated up some grand pens, each one headed by a prize-winner, from which I will sell eggs for \$10.00 per 15. Eggs from farm range stock, \$2 per 15; \$10 per 100. Don't delay. Order today. Send for mating list and mention American Poultry Journal.

Robert Bretz

R. R. 3

El Reno, Oklahoma

Blue Andalusians ∴ Black R. C., White R. C. and Partridge Cochin Bantams ∴ Golden Pheasants

EGGS for hatching from Cleveland, Toledo, Columbus and Chicago winners. SWISS CHARD belongs to the beet family, the tops making a wonderful growth and can be cut repeatedly. Poultry is very fond of it. One ounce of seed will drill a 100-foot row and make green food for at least 100 hens. Seed 10 cents per ounce. Order direct from this ad.

L. C. Taylor

Gibsonburg, Ohio

Thorniley's S. C. Anconas

Largest specialty breeder of Single Comb Anconas in America. Bred in line from Madison Square Garden winners, and from heavy winter egg producers. There are no better layers. My birds have won their share of the prizes all over the country for my customers. I can give you show winners, regardless of competition. Stock, day-old chicks and eggs for sale. Circular and description of Anconas mailed free. Mention A. P. J.

Willard J. Thorniley

Life Member American Poultry Association
Member Ancona Club of America

R. 1, Box 36, Marietta, O.

ROSE AND SINGLE COMB R. I. REDS

Winners of over 150 prizes during past 5 years in good hot classes, in such shows as Toledo and Cleveland. At the recent Cleveland show, on five entries, 4 of my birds were placed. I have plenty of good breeding stock yet for sale, and my prices are very reasonable. My circular gives you all my winnings and many testimonials from pleased customers, and will convince you I have good quality in my Reds. Will treat you right. EGGS from my select matings, only \$5 per 15. Write for my free circular and mating list. I will satisfy you.

B. M. BILLINGS

BOX A

OBERLIN, OHIO

Riley's Victory Supreme BARRED PLY- MOUTH ROCKS

At the great International Show, *Buffalo, N. Y.*, where the best birds from Canada and the United States were shown in one of the hottest classes of the year, I outdistanced all my competitors. *Wilkesport, Pa.*, the great A. P. A. Penna. branch show, my victory was complete, winning four out of five firsts and gold medal for best cockerel in the show. *Baltimore, Md.*, the banner show of the South, my winnings were in keeping with my wonderful records already made.

For four years in succession the leading honors at the *Great Philadelphia Show* have been won by birds of my strain.

My Winnings Are Supreme : They Are Convincing

The best birds I have ever owned are in my yards this year and my eggs cannot fail to hatch you winners. Let me send you my mating list, giving full information of the *world's peerless exhibition strain.*

Henry D. Riley, Box B, Strafford, Chester County, Pennsylvania

Day-Old Chicks of Quality



Shipments Guaranteed to Reach Destination Safely : Book Orders Now
Twelve Leading Varieties of the Best Strains in America

S. C. Rhode Island Reds
R. C. Rhode Island Reds
S. C. Buff Orpingtons
S. C. Black Orpingtons

S. C. White Orpingtons
White Plymouth Rocks
White Wyandottes
S. C. Black Minorcas

Buff Plymouth Rocks
Barred Plymouth Rocks
S. C. White Leghorns
S. C. Brown Leghorns

Send Today For Free Chicklet Catalog

Goshen Poultry Yards - Chick Dept. - Goshen, Indiana



Single and Rose Comb Buff Leghorns

MADE THE WORLD'S GREATEST SHOW RECORD

Unequalled and unapproached by any Buff Leghorn breeder—was that made at Chicago, December 7 to 12th, 1909, by the Tecktonius Single and Rose Comb Buff Leghorns. At this great exhibition of the biggest and most superior class of these magnificent birds ever shown under one roof, in the history of the United States, the Tecktonius Single and Rose Comb Buffs took high honors in sixteen out of eighteen entries as follows:

Single Comb—1st pen, 1st and 2d hen, 1st and 5th pullet, 2d and 4th cockerel, 4th cock

Rose Comb—1st pen, 1st and 2d cock, 1st and 2d hen, 2d and 4th pullet, 3d cockerel

Also the Tecktonius Buffs won the silver cup and silver set—and the special for best shape and best colored female offered by the American Buff Leghorn Club. Truly, "honor enough"—for the world's best strain of the "best general purpose fowl on earth" to satisfy even the ambition of the breeder of these distinctive birds.

Tecktonius Buffs--The "Quality" Leghorn

—have proven by test to be the best general purpose fowl on earth, because they are light eaters, healthy, hardy and large Winter egg producers, choice eating, handsome, attractive birds—every inch of them.

My Success Buff Leghorn Book

My beautiful, illustrated 8x11, 32-page catalogue, with art colored cover design, contains color plate insert of a pair of Buff Leghorns (suitable for framing) showing true color and shape to breed to. This book covers every feature of the poultry business, especially the feeding, breeding, mating, conditioning and care of Buff Leghorns—also covers the diagnosing of diseases common to poultry and a specific cure for same. This magnificent catalogue will be mailed to any part of the United States or Canada, upon receipt of twenty-five cents, coin or stamps. Your money back, if not pleased.

F. A. TECKTONIUS

ROUTE 7

RACINE, WISCONSIN

S. C. Brown Leghorns



Winners bred from winners—not once or twice, but year after year. Not some little local show, but such shows as Madison Square Garden, Boston, Chicago, Cleveland and Indianapolis, where my birds came in competition with the best Brown Leghorns in the land, east and west, and in every case they have

Landed a First Prize

Read this record and be convinced that like begets like, and that my S. C. Brown Leghorns are **unsurpassed in quality**.

At Chicago, Dec., 1909, I won 1, 2 cock; 1, 5 cockerel. At Boston, 1907-8, 3, 5 cock; 1, 2, 5 cockerel; 3, 6 hen. At Madison Square Garden, 1905, 1 cock, 3 pullet. At Chicago, 1905, 2 cock; 2, 3 cockerel; 1 pullet; 1 pen; 15 specials. At Indianapolis, 1 cock; 1 cockerel; 1 pullet; 1 pen.

This should convince you I have the quality you are looking for. **Eggs \$3 and \$5 per setting.** I want to hear from you. Satisfaction guaranteed.

W. H. Wiebke Box P-348 **Ft. Wayne, Ind.**

White Orpingtons

KELLERSTRASS STRAIN

My stock is bred from first prize winners at the largest shows in the world, including the Great Crystal Palace Show, London, England. My birds won at Butler, Pennsylvania, February, 1910, first pen, second cockerel, third, fourth and fifth pullet on five entries. At Pittsburgh, Pennsylvania, second pen and second cock on three entries. These winners and other grand specimens are in my breeding pens. I have quality that will please you. Can spare a few trios and pens. Eggs, only \$3 and \$5 per fifteen. Write me today.

L. A. Glessman :: **Member American White Orpington Club** :: **Mars, Pennsylvania**

Giant Bronze Turkeys .. America's Best .. Part. Wyandottes

At the great Madison Square Garden Shows of 1907-8-9-10 our Bronze Turkeys and Partridge Wyandottes won a total of twice as many premiums and twice as many points as any competitor. At the above 1910 show our birds won more premiums and more points than all competitors combined. The choicest turkeys and Wyandottes we ever raised for sale now. Remember, all stock found not as represented may be returned at our expense and your money will be cheerfully refunded. All birds farm raised; vigorous and unexcelled for utility purposes. Write what you want; we'll try to please you.

BIRD BROS. : **BOX C** : **MEYERSDALE, PENNA.**

AMERICAN POULTRY JOURNAL

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Chicago, Ill., April, 1910

No. 4

RUNNING THE INCUBATORS

Care of Eggs Before Incubation—Ventilation an Important
Feature—The Proper Temperature—The Moisture
Question—Experience the Best Teacher.

Written by Harry M. Lamon, Special Representative A. P. J., Adams Center, N. Y.

ANY article on the subject of incubation, it seems to me, must be a repetition, to a great extent, of those that have gone before. But I am going to try to impress upon the mind of the reader some of the fundamental facts that, if followed with average intelligence, will make for success in hatching and the rearing of the baby chicks. In the first place, you must have good, strong, healthy breeding stock—birds of strong constitution, for it is the strong constitutional sort that lay eggs, that hatch chicks, that live, and produce a profit. Now, make a mark right there and don't forget it. Almost any one can hatch a few eggs from every machine set. Just think of the loss it is to you—think what it has cost in time, feed and labor to mature a few chicks from a poor hatch. The eggs you lose amount to quite a little. I have never seen a good per cent of the chicks raised from a poor hatch, so it stands the feeder in good hand to see that the breeding stock is in prime condition. My article of last month gives a few hints as to how to acquire the above condition. Assuming that the breeders are all O. K., and the egg yield is all that could be expected, most of us find we have to hold some of the eggs quite a few days before putting them in the machines. Eggs can be kept quite some time and good hatches result if handled properly. Turn them one-half over every day and keep them in a room the temperature of which is around 50 degrees. In handling eggs for hatching, be sure your hands are clean, and do not wash hens' eggs intended for this purpose unless absolutely necessary. There are a lot of little things that help to make a good hatch, among which I will mention that eggs of one color will do better by themselves than if white and brown shells are put together, and eggs of the same age generally will hatch better than those of different ages. In starting the incubator see that it sets level. Almost any place that has good ventilation will do, but the more good fresh air you have around your machine and can control the temperature, the larger the percentage of chicks you will not only hatch, but raise, with any decent kind of brooding. It is not nearly the work and trouble to raise well-hatched chicks from an incubator that has had the proper ventilation as it is from those taken from machines that have been in a poorly ventilated room. Make another mark right there. It generally takes a few days to get a machine dried out and running properly, so figure accordingly when getting ready to start.

The first three or four days that the eggs are in the incubator, I believe, are the most important stages that the germ and unhatched chick has to go through, and I also firmly believe that the strength and health of the chicks to a great extent are controlled at this period. Remember, at this time you are dealing or are about to deal with life, and the embryo chick, germ, or whatever you choose to call it, is the weakest at this period. It is plain to all that a change of a degree of heat at the nineteenth day will not do as much damage to a hatch as a like change at the tenth day. Consequently, the first three or four days, regulate to 101½

degrees, and gradually get up to 102 by the seventh day. Now is the time to test out all infertile eggs. I should have mentioned that after the second day the eggs should be turned night and morning, and need no cooling at this time more than the time it takes to turn them and replace in the incubator.

I will also say at this point of my article, the question of cooling incubator eggs is one that I have never been able to solve satisfactorily to myself, and each operator must work along the lines which his experience will teach him. Conditions and the seasons vary, and the length of time needed to cool the eggs varies accordingly. But a moderate amount of cooling after the twelfth day, increasing a little each day, according to the temperature of the room, up to the nineteenth day, generally proves beneficial. Beginning with the seventh day, and up to the fourteenth, I would run the temperature at 102, 102½ and 103 degrees, and 103 degrees the last week—that is, as nearly as possible; never under 103 degrees. Better have it a little over, say 103½ to 104, rather than 102½ to 102 degrees. As a rule, towards the last of the hatch the thermometer will have a tendency to run above the required temperature. In this case, turn the lamp blaze down low. At times I have had to turn the light out entirely. At such a time use good judgment and you will bring off a good hatch, as it is the great numbers of live chicks almost ready to break through the eggs that make the temperature run up so high. Sometimes you will find it advantageous to take the eggs out and cool them for a while in the middle of the day. If your hatch is to be a good one, almost invariably it will start on the evening of the nineteenth day and be over by the evening of the twentieth; and should the thermometer show 105 degrees while hatching, do not get scared or open the machine. Never open it after the chicks start to pip, for in opening the incubator you will lose the moisture so much needed at this time.

The moisture question is debatable, like all other incubator problems. But my experience teaches me that the best hatches, the larger chicks and more livable ones come from the machines when moisture has been used. I like to wet down the floor of the incubator house or cellar as often as needed, and the guide I use to tell me when moisture is needed is this: As fast as the floor dries I put more on. In addition I also put a pail or pan of water directly under the lamp of each machine. Any one using right and left incubators—that is, where the lamps are on opposite sides—one pail of water will be sufficient for two. Don't be afraid of getting the cellar floor too wet, as the water answers a two-fold purpose. It not only furnishes moisture, but water is one of the greatest absorbents we have for the foul gases that are near the floor.

Remember this: The air over the machines may be warmer than that on the floor, and still not be bad. It is the heavy, foul gases that drop to the floor that cause most of the trouble in incubator cellars.

I could write pages on the handling of incubators, but might do more damage than good. Your experience will be the best teacher, and if careful it should not be over-costly. I am aware that authorities differ as to the time the chicks should be left in the machine after hatching. It runs from twenty-four to seventy-two hours. I think you are perfectly safe in taking them out at thirty-six hours.

We now come to the temperature of the brooder and the raising of the little chicks, which I will take up in a future article.

WHO'S WHO IN HENDOM

The muse fails to inspire anything for this issue of the American. Generally I take a gallop through Browning or Shakespeare, Rabelais or Kipling, to catch the muse, but this morning she was not there, so we will have to do without her, this month, at least. Even my favorite Uncle John fails to excite the necessary mental stimulus; and, thinking that I might catch some sight of the muse in Stevenson, I even turned a couple of back somersaults, threw a handspring or two among his essays and inspired works, but there was nothing didding.

Waiting for the muse is serious business. I can go down to the oats sproouting department and take a couple of stirs of the paddle to liven things up, but there is a clause in my life insurance policy which precludes this. I dare not read how to fake, else my morals become even more polluted. I can read the poultry papers a little about the various he-marvels that are shouting about this system and that system of keeping chickens; but that keeps the chickens from keeping me. Something must be done. The fool cockerels continue to get into the trap-nests and cause me trouble by making the hens and pullets lay on top of them, and then the eggs roll off and break, leaving the future prize winners to their fate. I cannot court the muse and follow the rounds of the breeding pens; hence the moments between waiting are anything except auspicious. But, as Zimmer says of the fellow he cannot land for the ad contract at once, the waiting game has to be played, so I play it.

I was cleaning out the carburetor of my six-cylinder the other morning, preparatory to making a little run down to Pennsylvania, when I happened to think that they would make good dope for the Who's Who-ite columns. But we will have to dispense with the muse in giving to the dear reader the things we saw and the things we heard. The last few years the poultrymen of the state of Pennsylvania have been the natural born targets for all sorts of honors, and we have not heard a word of suspicion connected with the name of any poultrymen about the contracts that went to enrich that new state capitol.

It was but last winter that the fanciers in the state of Pennsylvania took it into their heads to form a state league of poultry association and hold their biggest shows so they would not conflict the one with the other. Many another state should take the same plan under advisement. They are always doing things down there in Pennsy. From football to Pekin ducks, they are right in the front ranks, and intend to stay there. Now, when I say they are doing things down there, I mean it. They are busy all the time. Then, at other times they are busier still. What could, for instance, make them more busy than when a member of their state legislature, who was not favorable to a poultry bill that was up before the lower house, rose and said:

"What is more out of the scheme of things in the barnyard than to see an old hen running about in the middle of winter, clucking as if her heart would break if they did not give her eggs to set on, and this, too, mind you, with eggs at 50 cents per dozen and the price of wheat right at \$1.50? It makes a rooster turn green with envy and me feel sad to think that with the poultry industry of this state in such condition as this, that these men who call themselves the backbone of the poultry industry should come here and hire a member of this branch of the legislature into presenting such a bill and try to flimflam the state out of that amount of money annually."

Oh, man, there was something doing then!

Nearly all the hen men in the state rose up in arms, the arms being more or less fresh eggs, and said member of the lawmaking body hid himself in his lair for the time being; but things certainly got so hot that he took to the open, and the last seen of him was when he was digging out across the boundary line to the southward. He is running yet, so we



L 5

learn on good authority. To think that any man had the colossal nerve to get up there, practically before the great body poultrytic of the state of little Pennsy, and make such a fool speech as that! Why, all the chickenists in the state were hot after him before he had warmed his seat after yielding the floor. And there would have been a funeral next day if there had not been a fleet pair of heels to show to the rope committee.

To see a hen clucking in the winter time down in Pennsy means that some one has fed her well and that she has certainly laid herself out and gone into the broiler business in early spring to re-line her purse with gold. With high feed bills, the price of eggs

is just about as high. Broilers down there at the Baldoria-Castoff set you back on the siding for about steen bucks the platter, and the platters are plates at that. Ask Afton Farms—they sure know, for they are in the business and have a first lick at the game. The chicken business and the state of Pennsylvania are affinities and the courts cannot separate them. E pluribus onions!

It was not many years ago that the fancy in the state of Pennsylvania was a great deal like the big, ham-footed lummux who used to court our hired girl. It didn't know what to do with its feet and hands when it came into the parlor. Nature did not try to outdo herself in making them removable, so they had to be borne with. But they are getting organized down there, and it will not be many moons before we note the signal fires: Close in and eat them up.

Take a look at the breeders who have swept down into the Garden from the state of Pennsy and captured, wounded, crippled for life, and made prisoners of war the ribbons and competition in general. Then note how they have thrown competition open to the world at the Philly show and simply smothered the boys who came from out-state to celebrate with them. If you want to be safe in their company you must breed some good Pennsy strain or other to hide behind. But we have no kicks coming. They always did what they said they would, and have been considerate of our feelings, saying nothing about our purses.

In Pennsylvania it takes but one egg to make six egg-nogs, so they say. The effect must be great! It means that the hens of that state are the strong ones of Hendom. They get off the roost early in the morning, at the first crow of the cock, cockerel or cockerline, or the quaint note of the "potrack" guinea cock (which has been said to sound like a cross between a mocking bird's discord and a peanut roaster as it slips a few cogs), gather up a few grains here and there and yonder, devour about a cupful of cinders, pick up all the stray nails lying loose, half a bale of hay, and then they go to the nests and lay those egg-nog eggs. It is marvelous, as Watson says to Herlock Sholmes.

At Brooklyn, Pa., lives that good breeder of Rose Comb Brown Leghorns—B. A. Oakley. He was strong in the winnings at Philly and the Garden. Snavey Bros., of Lititz, are breeders of good birds of a number of varieties, and are putting out some good catalog matter about their specialties. Then, Pennsylvania sets one ahead a bit with her Cuckoo Wyandottes in the yards of a few breeders we will write of later. Fox strain Golden and Silver Wyandottes are well known throughout the state, and W. J. Fox, the originator, has been a winner with them for nearly twenty years.

Frank Shellang, Erie, breeder of grand Single Comb Brown Leghorns, has been winning at the leading shows with the line he is producing. Winona Farms, at Lansdale, are doing things in good Single Comb Reds and Single Comb White Leghorns. Arthur Trethaway, of Wilkesbarre, still produces the best of Anthracites in Minorcas, while Lawrence Jackson, of Haysville, goes right ahead breeding the best of White Orpingtons.

At Homer City the Prairie State Incubator Company is about the whole show. It is still putting out one of the best

“ROYAL” LYMOUTH COLUMBIAN ROCKS

PRINCE CROWN



LADY ELVA



FIRST PRIZE COCK
 (SHAPE SPECIAL)

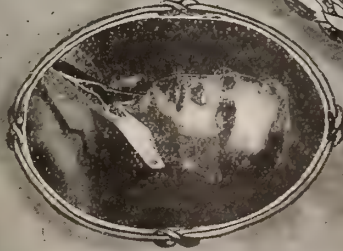
FIRST PRIZE HEN (COLOR SPECIAL)

AT THE

GREAT INTERNATIONAL SHOW, BUFFALO, 1910.
 OWNED BY GREEN & KAPLE, ELBRIDGE, N.Y.



D. M. GREEN



E. B. KAPLE, MD

H. B. BOWMAN: 10

machines, and will continue to do so if it has good health. Afton Farm, at Yardley, is one of the big poultry enterprises of the state, and one should see it. It is in all Baedeker's. Ellenboro Farm travels all over the broad land looking for competition, and finds it, and then strangles it with the hot quality it trots to the wire. "Champion" Reds are good Reds, so their customers say. That popular air, "My Birds



WHITE PLYMOUTH ROCK.

First cockerel at Akron, Ohio. Bred and owned by J. M. Moore, Jr., Unadilla, N. Y.

Are Wertzberger Birds," originally came from Altoona, Pa., where the Wertzberger Bros. hold out with their Silver Dottes, breeding them better and better every year. They have adopted the American Poultry Journal motto and are doing the leading in a step-lively manner.

Mrs. J. W. Holton is one of the state's good poultrywomen, and she is doing well at Catasaqua, where she is breeding some grand White Orpingtons. Craig & Mapes, Mt. Lebanon, are breeding some nice Buff and Black Orpingtons and Rose and Single Comb Reds. Look at that line of winnings at Cleveland, Chicago, New York and Pittsburg! Henry D. Riley, who was written up last month by H. P. Schwab, is now one of the Barred Rock pillars of the country. The Newtown White Leghorns were in the ribbons pretty deep at Philly, as per their ad, and they are sending out some good stuff.

We stopped at the big Haupt Farm, at Easton, long enough to grease up a bit and see their fine line of all the Orpingtons. J. A. Miller, breeder of the Cornish fowls, is hanging his shingle at Nazareth, and has some fine stock in his breeding yards. G. M. King, the Barred Rock enthusiast, breeds the Ringlets and swears by them.

Well, the dinner bell has sounded and we must go. There is a lot that might be said about the poultrymen in the state, but we are too tender-hearted to do it. Please forgive us if we have overlooked something out of the ordinary, as we were in a rush to make connections with a life meal ticket, and could not write up all we saw. If the A. P. A. does not convict me of taking money under false pretenses for my last scrub pullet, I will be back next month with something worth reading. But I have just heard that Matt Baldwin is going to Europe this summer on the profits he made out of his chickens last year, so I have not the time to write that I once possessed. I am a busy guy, and do not care who knows it. I want to go to Europe, too. They tell me it is a country with lots of feather-legged chickens and fanciers standing on every corner. Me for it!

POSSIBILITIES OF THE POULTRY BUSINESS

Success Within Reach—It's Up to the Man—Proper Housing
—Lessons in Feeding—The Growing of
Chicks, Capons, etc.

Written by H. P. Schwab, Eastern Representative A. P. J., Irondequoit, N. Y.

Part Three.

TO succeed is the real ambition of every person—at least, it should be. The hope of better things, of better conditions, make life worth living. If we are willing to do our level best, no matter what our calling, then the success is reasonably assured. Particularly does this apply to the poultry business. It is plainly up to the man, and if he will but observe, learn the lessons as presented, and work accordingly, then the results will surely be found on the right side of your ledger.

Experiments and Results.

We most heartily favor experiments; they are the best of teachers, and if properly made, with an object in view, and the results noted, they are bound to be of great value for future use. Following along the lines of those that have proven successful will lead to the satisfaction and the results we all aim for. Often breeders are told by others what to do and how to manage, and they will follow such advice to their graves, without question. This is not, in our opinion, the best way to attain the best results. Learn all you can from the other breeders; try their advice, but test it and know for yourself whether or not such is the proper care for your stock under your condition. What may make him may break you. It is your due to receive every possible grain of gain that poultry can give, and the breeder should be alert to his own interests and obtain it.

We also advise experiments for the purpose of creating interest in the work before us. Personal interest is abso-



A prize-winning Rose Comb Black Minorca. Bred and owned by Dr. J. N. MacRae, Galt, Ont., Canada.

lutely necessary in every undertaking where full value is expected, and the lessons so learned are not apt to be forgotten. It is a well-known fact that we can mate to produce shape, size, color, markings, and to greatly increase the laying capacity by following close to Standard lines, and to do this is something accomplished that carries with it a satis-

faction of work well done that will spur us on to renewed endeavors and greater possibilities.

Conditions Differ.

There are general principles laid down for the poultrymen that are productive of assured success, still we advocate personal experiments to positively obtain the best results. The mode that may be best and proper in New York state may not be the best in Iowa, or in North Carolina, or in California. Climate, food and water differ; each has its value, and as they differ, so do the conditions. It's plainly up to the man. And the best of all is, these questions are so simple to solve where real interest is had.

Feeding Lessons.

Here in particular is where the feed question comes in. The food they require, as well as the value of the food from the practical and productive viewpoint, are questions to be considered in experimenting. Just at this time food is very high, but it is at no time cheap enough to allow its careless use. Along both lines of quality and quantity of food that will be productive of best results, and at different seasons, is where experiments can well be made. Variety is the spice of life, and a balanced ration can be formed that will return all that is possible to receive. The fowls demand a variety,

the great returns from the plant came in. Now, this is the proper way not to succeed. No one, not even an old and well established breeder, could make of this a paying proposition. Such questions as this have been the stumbling blocks for years, and still we meet them almost daily. We wish we



One of many choice birds in the yards of F. S. Nicholson, Otisville, N. Y. Although not shown to advantage, this bird is of good shape, grand clean color and sharp ringy barring, and like all of his birds, is extremely strong in wing barring.

and this variety in such proportion that will meet their natural requirements.

We expect later to go further into this question of food; our purpose now is served by calling attention to its value, its merits and demerits, and its very important part in the general results.

Houses and Housing.

For some reason or other, the idea seems to prevail that elaborate buildings are required, that modern heating plants be installed, and that unless all modern conveniences are installed, "Biddy" will not be at all satisfied and will refuse to cash in. At the late Philadelphia show a young man confided his plans to us; he was about to enter the poultry business to make a living, and had elaborate plans drawn by an architect of the buildings and interior arrangements, with a hot water heating plant included. All this made a fine picture to look at; its cost was to be \$1,450. Then from \$150 to \$200 was to be invested in stock, and the balance, of from \$400 to \$500, all this young man's earthly possessions, was to be used as a working capital to meet all expenses until



White Wyandotte hen winning first as pullet at Toledo, 1909. Bred and owned by Geo. Barkdoll, West Unity, Ohio.

could say, once and for all, that a plain, well constructed building with a shed roof, built as long as you like, only not too deep—one that will keep out the weather, top and sides, and with open curtain fronts (to the south), is all that is required. Set it where good drainage is had, and have it



THE FAMOUS HEN BEATRICE.

Won first at Chicago, also first at Buffalo, N. Y., 1910, in competition with Canada's and America's best. Bred and owned by A. Didriksen, Whitewater, Wis.

plain and simple in arrangement, so that the stock can easily be cared for.

Colony Houses.

The colony house plan suits us best of all. We are partial to these for several good reasons, the particular one being for the larger yards they afford and that they can be

changed around if wanted. They require more labor to care for the stock and to clean; also, the cost is more. They are of advantage, especially where the breeding of exhibition birds is the object and the best possible per cent of fertility is desired. Keeping hens too long in limited yards is not conducive to health, unless the ground is turned under often.



BEAUTY QUEEN.

Columbian Wyandotte pullet won first prize at Huntington, Ind., and as seen in the breeding pen. Bred and owned by Philip Koehlinger, 1414 E. Grant Ave., Fort Wayne, Ind.

Hatching.

Chickens can be successfully hatched by either natural or artificial means; we practice both styles, and the results are about equal. The difficulties that will confront the beginner are more apt to be found in the brooding than in the incubating question. As this brooding question is just now being revolutionized, or rather has been for the past year or two, we think it best for us to hold this up, awaiting fur-



THE GREAT HEN MOLLY.

Won second at Buffalo, N. Y., 1910. She is a giant for size, and also one of the most typical Black Minorca hens ever shown. Bred and owned by A. Didriksen, Whitewater, Wis.

ther experience and the developments of our own tests. At this time we feel assured that the brooding problems are being properly solved and that the future poultryman will have much less to contend with than the one of the past.

The Feeding of Young Chicks.

Here, again, we find receipts handed down for ages; some

are good, while others are not as good as they might be; still, most of them will answer, with fair results. We are still old-fashioned enough to feed the finely chopped hard-boiled egg, shell included, for the first meal, and to follow with the egg-soaked bread crumbs, etc. For three years now we have fed almost from the first a bought prepared chick food that has given us most excellent results. While we include this with the other feeding lessons promised later, we at this time want to recommend just one food that is within the reach of most all breeders, and, in particular, where cows are kept. It is, to soak cracked corn in sour skim-milk, giving the chicks all they will eat and as often as they will eat. The corn should be well soaked for about ten hours. If there is a food that will make chickens grow faster or better than this, then we have failed to find it. We use this after the chicks are two weeks old.

Marketing Eggs and Poultry.

Here is another question that location as well as conditions will arrange to some extent if you let them. Here again it is up to the man; for, no matter where you are, there are inside, outside and other sides to the trade and demand as



During the past years "Nugget" Buff Plymouth Rocks have been among the winners at Madison Square Garden show and this year was no exception. The winning first prize cockerel and first prize pullet came from this well-known family of Buff Rocks and they added more glory to it and another link in the long chain of first honors won at this great exhibition. Mr. C. L. Pensyl, proprietor of Nugget Poultry Farm, Bloomsburg, Pa., has been producing winners for himself and his customers for a good many years, and we are informed that the breeding pens for the coming season are as strong as ever. With such specimens as the one represented in the accompanying picture, to fill his pens, we have no doubt that the coming season will equal if not exceed the past in the production of exhibition "Nugget" Buff Plymouth Rocks.—A. O. Schilling.

well as to price. You can better existing conditions. Get out of the rut. Lead, and let others that will, follow. Don't be driven. Have the quality; insist upon that, and make your own terms. This may come slowly, but it will come. Reliability and quality will assert themselves, and the advantage is your gain.

There are poultrymen today that are selling all the eggs they can produce for from 50 cents to 60 cents per dozen the year round; others we know of are selling at from 40 cents to 50 cents, and we have lately heard of one party who gets \$1 per dozen the year round for all eggs he can ship. These eggs are all used for commercial purposes, and not for

hatching, as some may suppose. They have made the demand for their goods and are now reaping the rewards in dollars. Their goods are worth it, and the people will pay the price just as soon as they know they are getting value.

The marketing of dressed poultry has the same sidelights; it offers the same class of markets, with extra profits in proportion. The quality of the article makes the price; no quality is too good, and no price too high; by giving the best you also receive the best. If your home trade does not demand such goods, then look elsewhere, for there is just such a market looking for you. The cold storage kept carcass days are as far gone as are the rumored embalmed beef days, and all these questions have drawn themselves to the fine point of quality, where it rightly belongs.

Capons.

The capon question has never come to our personal experience to any great extent; we have caponized a few for home use, and have fully enjoyed their delicious quality. We know of several who look to capons as the best thing there is in poultry raising. They have made it a regular business for some years, with profit, and, knowing this, we gladly add our O. K. The price of capons is usually from 5 to 8 cents per pound above the regular poultry price—well worth considering, along with the added weight obtained. With but little practice, by the right party, the operation can be quickly and easily done, and with a very limited, if any, loss. There is always a demand for capons in the



ROMEO.
From Minorca Range, Big Rapids, Mich.

larger cities that is seldom over half supplied, assuring at all times the best possible markets.

Fruit with Poultry.

In concluding this article, or rather part, we call attention to the addition of fruit with poultry keeping, as some may suppose that the yards and range required cannot be utilized for any other purpose. This is far from proper, as there is nothing quite as good for fruit trees as poultry, not even excepting the birds. Fruit is without doubt the best paying crop that can be grown, and should receive every encouragement. The care and harvesting of fruit crops is pleasant work, and easy compared to the regular working of the land, with much greater profit, besides adding value to the farm.

One of the best flocks of chickens we ever saw was raised and kept in a berry patch. Here the cultivator was used every week, the poultry doing the rest in growing the grandest crops of fine large berries that paid the price of the land in three years. The poultry, in working among the bushes, looked at all times as if it had just come from the laundry—so bright and sleek, as if ironed out.

We find that in this article one question leads to another and that we are still far from the end of possibilities of the poultry business. If we can make these articles read as interestingly to "our folks" as their writing has become to us, and if we can be the means of creating additional interest or of leading others in the path of successful poultry breeding, then we shall feel repaid in full.

EXPERIMENTS ON THE USE OF GRIT

A Series of Interesting Experiments on the Use of Grit for Fowls, in an Endeavor to Ascertain Their Actual Value to the Digestive Organs and Health of the Fowls

Written for American Poultry Journal by Rev. C. E. Petersen, Beldgton, Maine

IT has been stated again and again that the common fowl is graminivorous; and the general belief that this statement is correct has led to more than half of the failures recorded in the poultry business, and particularly so, when the procuring of as many eggs as possible was the chief and only object worked for.

The fowl, however, is not only omnivorous, but, unlike



Single Comb R. I. Red pullet that layed 247 eggs in her pullet year. Bred and owned by Wm. H. Klug, 895 Seyburn Ave., Detroit, Mich.

many other omnivorous creatures, it cannot keep in good health, and at the same time be a profit to its owners, on any one kind of food.

A pig will flourish on grain alone, grass and almost on meat, but poultry must have all of these three to do well at all, and besides, mineral matters must be added as well.



BUFF WYANDOTTE.
Cockerel heading first pen at Madison Square garden, 1909-10. Bred and owned by L. D. Howell, Mineola, N. Y.

When poultry has been closed up for any length of time, and grit has been withheld, the first thing they will do as soon as liberty is regained, is to greedily devour anything that will supply the mineral matter that they have been with-

out during the confinement, gravel, stones, broken pieces of crockeryware, and even glass.

That grit is necessary for the welfare of poultry we all know, but curious as it seems, it took a great many years and some of the world's noted scientists to find out the whys and the wherefores of this matter, and even with the information we have today still opinions differ.

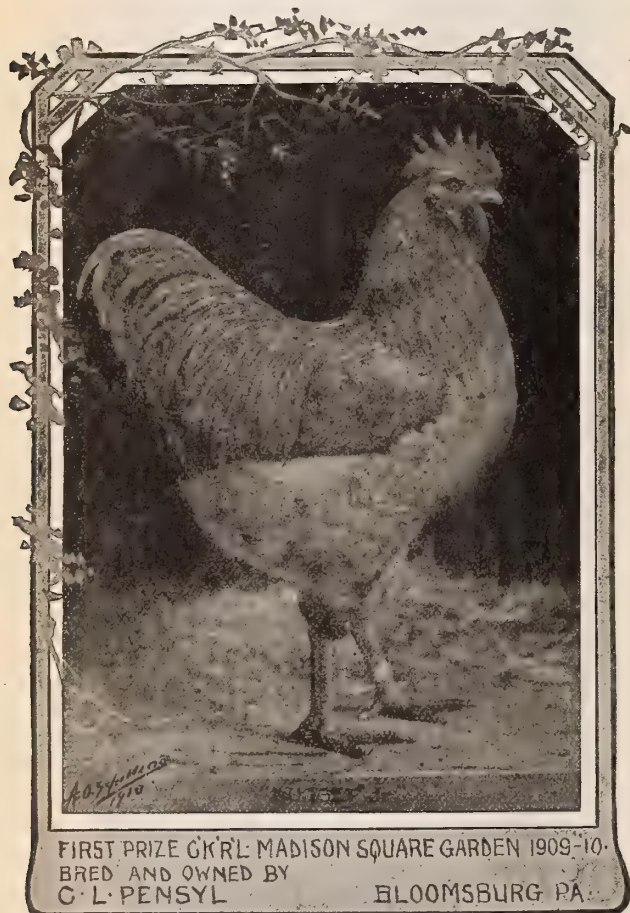
The commonly accepted opinion, that it is a means by which the fowl grinds up its food, which largely consists of hard grain, does not seem to be the conclusion that experimenters arrived at, for in the many experiments made it was proved that the food would be ground up and assimilated without any grit deposit in the gizzard.

Though it would be of more than passing interest to know the difference in time between grain assimilation with and without grit.

"Hens' teeth" we all understand to mean grit, but in reality the hen's teeth is her gizzard, for as fowls are not furnished with the necessary apparatus for the mastication of their food, they require other means for its trituration. Therefore any substance that has gone through the crop in

acts readily upon the proteids exposed by the breaking up of the grain envelopes.

A great many interesting experiments made to discover the causes and effects of the small stones which goes by the common name of grit, swallowed by most of the Gallinaceous birds, including the domestic fowls, and though some of these



Buff Rock alley at New York show was as usual one of the most interesting in this great exhibition, because there the competition is as keen as any place in the Garden. The winners may be considered the cream of the season's production and usually represent the fashion for the coming year. The honors were won by two Nugget Poultry Farm birds that won first cockerel and first pullet. They were both grand colored specimens, having the intense rich, golden, buff color of the orange cast free from any brick-colored or red pigment which usually is found in these strongly colored specimens. If breeders will obtain this shade of color they will find that it will stand the weather better than the lighter shades and will add much to the beauty of the breed. Mr. C. L. Penny, proprietor of Nugget Poultry Farm, Bloomsburg, Pa., has the right to feel proud over producing two such winners as the first cockerel and first pullet at the 1909-1910 Madison Square Garden show.—A. O. Schilling.

a solid form, is again acted upon by the gizzard by so bruising them that they become digestible.

The unbroken grains passing from the crop into the proventriculus cannot be acted upon by the gastric juice, as this secretion is incapable of dissolving their coating of cellulose.

(The gastric juice contains hydrochloric acid, pepsin and a milk curdling ferment.)

The grains then pass into the gizzard, where they are comminuted between the muscular walls, while the gastric juice secreted by the proventriculus, flowing down into the gizzard,



BARRED PLYMOUTH ROCK.

Winner of first cockerel at Columbus, Wakeman and Toledo, Ohio, the past season. Bred and owned by H. Burkholder, Clyde, Ohio.

experiments seem very cruel, it is only seeming, as the consequent results did not injure the birds.

There was, however, one Italian physician by the name



First Buff Orpington cockerel, Missouri State Show, Dec., 1909. Bred and owned by L. H. Eldridge, Bradford, Ill.

of Redi, to whom the above statement does not apply, for, to say the least, his experiments on the fowl race were not only extremely cruel, but of no particular use in the general economy of fowl keeping.

It had been stated by a good many poultry keepers at that

day that grit made a part of the fowl's nourishment, and to refute this theory Redi shut up two capons with nothing but water and little pebbles for food. He found that they drank much water, but died, one in twenty, the other in twenty-four days, neither one of them having swallowed a single stone.

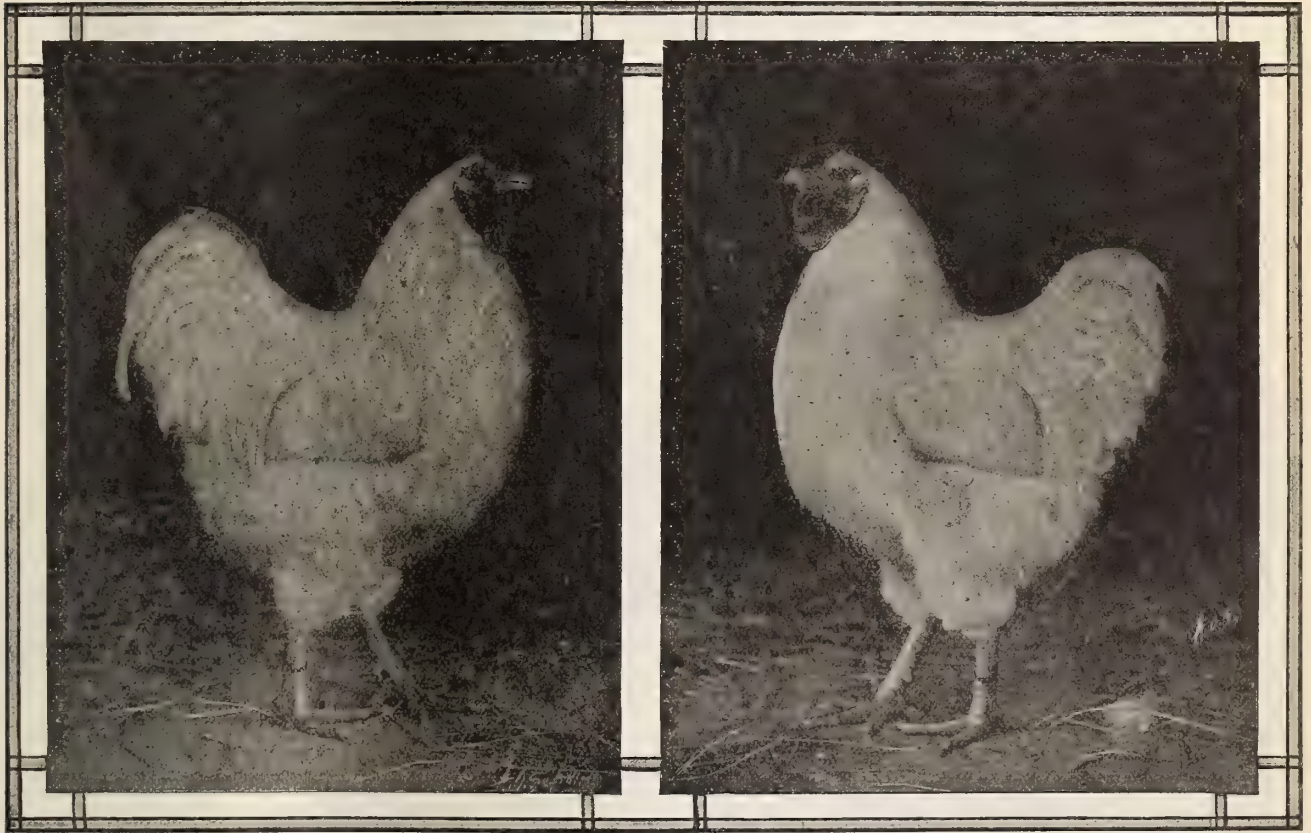
In order to ascertain the peculiar powers of the gizzard in the grinding and digesting of the food consumed, Lazaro Spallanzani, one of the most important figures in the history of science during the eighteenth century, did not think it beneath his notice to make a series of experiments that finally settled the matter as to what purpose the small stones were swallowed by Gallinaceous birds.

The following experiments are found in his two volumes of "Dissertations On the Process of Digestion," and published in 1780. In order to ascertain the peculiar powers of the gizzard in grinding and in digesting, Spallanzani, repeating and extending the experiments of Reaumur, procured small glass and metal balls and tubes, perforated with numerous holes, and filling them with different kinds of food, he caused them to be swallowed by our common fowls, turkeys, and other birds.

bruised grains, introducing them as before into the gizzards of various fowls; and his conjecture was partly verified, for in all the numerous trials which he made he invariably found that the grains were more or less dissolved in proportion to the time the balls were permitted to remain in the gizzard.

This goes to show that before the progress of digestion can commence the grain must be macerated, and such as are not macerated or bruised before passing into the gizzard are there subject to the action of the two strong muscular walls, with their horny firm layer on their internal surface which answers in function to a radula, which taken literally means a scraper.

Grew, the anatomist, long before had investigated the action of the gizzard, so far as being a mechanical structure containing great muscular power, and in his "Comparative Anatomy of the Stomach," he describes it as an organ "wherein the meat, as in a mill, is ground to pieces, and then pressed by degrees into the guts as a pulp; for which purpose the deductor serves to deliver the meat from the echinus to the laboratory, as a hopper to a mill; the four grinders, or chief operators, are the millstones."



A REGAL PAIR.

Regal White Wyandottes hardly need an introduction to those who follow up the show reports of our best eastern shows and who know good White Wyandottes when they see them. The cock and cockerel represented above were two of the winners at the recent New York State Fair and helped materially in the winning of the challenge silver trophy offered at this show for the largest and best display of White Wyandottes. Mr. John S. Martin, Port Dover, Ont., Can., has been breeding the Regal strain for many years. Today they are known throughout the country and we have often come across successful exhibitors who give credit for their winnings to this strain or family of White Wyandottes.—A. O. Schilling.

The balls having been filled with barley and other grain in their entire unbruised state, he allowed them to remain from twenty-four to forty-eight hours in the gizzard, when they were taken out and examined.

In all such cases he could not, after the most attentive examination, discover that the digestive fluid had effected the least change on the grains, though from the numerous holes in the balls they were fully exposed to its action.

The grains indeed had suffered no diminution of size and exhibited no marks of dissolution.

Similar experiments were repeatedly tried upon birds furnished with strong muscular gizzards, and the result was uniformly the same—no effect, in any instance, being produced by the digestive fluid upon the grain contained in the balls.

From these experiments proving unsuccessful, Spallanzani was led to suspect that, though the digestive fluid was incapable of dissolving the grains in their entire state, it might probably act upon them when sufficiently bruised or comminuted.

To ascertain this point, accordingly, he filled his balls with

Spallanzani, again, found that when tin tubes were introduced into the stomachs of turkeys and allowed to continue there a considerable time, they were broken, crushed or distorted in a most singular manner.

"I have seen," says Spallanzani, "instances without number of such contusions, one of which I cannot forbear here relating.

"Having found that the tin tubes which I used for common fowls were incapable of resisting the stomachs of turkeys, and not happening at the time to be provided with any tin plate of greater thickness, I tried to strengthen them by soldering to the ends two circular plates of the same metal, perforated only with a few holes for the admission of the gastric fluid.

"But this contrivance was ineffectual; for after the tubes had been twenty hours in the stomach of a turkey the circular plates were driven in, and some of the tubes were broken, some compressed, and some distorted in the most irregular manner.

"I then tried the following means of preventing this in-

convenience. Having perforated the circular plates in the centers, I passed a wire through the holes, and bound it tight round outside of the tubes; when the two ends met, they were twisted together; consequently, though the soldering should be destroyed, yet this contrivance would prevent the circular plates from receding from the ends of the tube, unless the wire passing through them should be broken.

"I prepared four tubes in this manner, and gave them to a turkey six months old. After they had remained a whole day in the stomach I killed the bird; and my astonishment was extreme at finding that the tubes, in spite of my expedient, were very much damaged. All the iron wires were broken, two where they were twisted, and the two others at their entrance into the tubes; the plates, so far from remaining soldered to the tubes, were found amongst the food; they were not flat as at first, but some were bent so as to form an angle, some curved, and in others one part was pressed close to the other.

"The tubes had sustained equal injury; two of them were flattened as if they had been struck by a hammer, the third was molded into the shape of a gutter, the soldering of the fourth was destroyed, and it was expanded like a wafer.

"These phenomena will less surprise those who have learned from Redi and Magalotti how ducks, fowls, and pigeons pulverize hollow globules of glass in a very short space, and even solid ones in a few days.

"I have already observed that I repeated these experi-

ments, but in a different direction, however, bethought himself of trying what the effect would be if sharp-pointed and angular substances were introduced into the gizzard.

A piece of rough jagged glass was introduced into the gizzard of a cock-bird and he found upon examination that after twenty-four hours the angles were all broken off, without having wounded, or scratched even, any part of the stomach.



When we take this into consideration, therefore, we should not consider the subsequent experiments either revolting or cruel, as no harm was done to the birds by these experiments, yet we don't doubt that this would have mattered little to the experimenter, in the pursuit of his researches, to establish the extent of the power of the gizzard to break up sharp points without sustaining injury.

"Twelve strong tine-needles," says Spallanzani, "were firmly fixed in a ball of lead, the points projecting about a quarter of an inch from the surface. Thus armed, it was covered with a case of paper and forced down the throat of a turkey. The bird retained it for a day and a half without showing the least symptoms of uneasiness. Why the stomach should have received no injury from so horrid an instrument I cannot explain; the points of the twelve needles were broken off close to the surface of the ball, except two or three of which the stumps projected a little higher. Two of the points of the needles were found among the food; the other ten I could not discover, either in the stomach or the long track of the intestines, and therefore concluded that they had passed out."



First prize Buff Wyandotte cock at the late Chicago show. Bred and owned by Simon Beuth, German Valley, Ill.

ments with the greatest success. Some spherules of glass blown by the lamp, and so thick that they would seldom break when thrown on the ground, were generally reduced to small fragments, after remaining three hours in the stomachs of hens and capons; the fragments were not sharp as when they were broken by the efforts of the hand, but as obtuse as if their edges and points had been abraded by a grinding stone.

"The longer the spherules remained in the stomach, the more minutely were they triturated; so that in a few hours they were reduced to a mass of particles, not larger than grains of sand.

"The rapidity of this process appears in some measure to be proportional to the size of the bird, a wood pigeon generally breaks them less speedily than a chicken, a chicken than a capon, but a goose the soonest of all. The reason is plain since the larger the bird, the larger the stomach, and as a consequence the thicker and more powerful the grinding apparatus."

It appeared from these experiments that smooth and blunt substances, though thus violently acted upon, did not injure the texture of the stomach, and so Spallanzani continuing his



CONQUEROR.

One of the greatest Barred Rock males ever produced on the farm of S. T. Divinia, St. Joseph, Mo.

In another experiment, which without knowing the previous facts we might justly have deemed still more cruel, Spallanzani tells us he fixed "twelve small lancets, very sharp both at the points and edges, in a similar ball of lead. They were such as I use for the dissection of small animals."

(To be continued.)

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to Louie Legg, Coldwater, Mich., and the second prize to A. T. S. Fortescue, Chatham, Ontario.

DOES POULTRY PAY?

THERE are thousands of men and women who own large poultry farms and devote their whole time caring for them, and many more thousands who keep poultry as a side issue, to occupy their extra time and help pay the household bills.

Does poultry pay?

Ask this question to some, and if they say no, ask them why they think poultry does not pay, and they will generally say, "Oh, I know poultry does not pay, because I've tried it." How did all these large poultry farms grow up to do a business of from \$5,000 to \$20,000 a year if poultry does not pay?

If poultry does not pay, I am sure that there would be no large poultry farms such as those we have today.

Let us figure it out and see how the poultry business compares with other kinds of business.

A merchant generally expects about 10 per cent on his money invested. Supposing you buy a pullet for \$1 and sell her for 50 cents after the first year you keep her. During this year she would lay about 120 eggs, which is a small average if she is properly cared for. These eggs should bring about 24 cents, on an average, or \$2.40 for the ten dozen. Taking the 50 cents that was depreciated from the buying price from this, and we have \$1.90 left. The pullet would consume about \$1.10 worth of food during the year. Taking \$1.10 from \$1.90, we have left 80 cents. The cost of the food consumed by the rooster must be taken out of the money received for eggs; so if you place one rooster with every ten hens, each hen will have to pay for one-tenth



The above group of White Rocks which won first prize pen at the late Chicago show, is one of the best that has ever won this coveted honor at Chicago. Birds that have Standard quality like they simply could not lose. The cock bird heading this pen is a wonder for shape, with excellent head points and splendid tail carriage and being well over Standard weight. Note the length of back in the females and fine filled out breast. The fine condition they were in is the result of Mr. Halbach's careful management and certainly is a credit to him. He has recently organized a poultry club in his town, Waterford, Wis., and an account of same is given on another page. He issues a fine mating list. Addressing him at Box A, Waterford, Wis., will bring it.—L. Stahmer.

of the food consumed by the rooster. If the rooster consumes \$1.10 worth of food during the year, 11 cents would have to be taken from the profits of each of the ten hens. Subtracting 11 cents from 80 cents, we would have 69 cents left, after taking out the 50 cents that was depreciated from the buying price, \$1.10 for the pullet's food, and 11 cents for the cost of the food consumed by the rooster.



S. C. White Leghorn pen No. 1, headed by our champion cockerel and 10 blue ribbon females of 190 egg strain. Bred and owned by Naumburg & Booth, 1532 W. Bancroft St., Toledo, O.

We should allow at least 10 per cent for the interest on the cost of the buildings, and for accidents, etc. Then we would have 62.1 cents that is clear profit.

One dollar was what was invested, so we would realize 62.1 per cent on our money invested. This average should be



Second prize S. C. Black Minorca cock at Indianapolis, 1910.

made from large flocks as well as small ones. Of course, larger profits can be made from small flocks than from large ones. In order to be successful in any business, you must make a study of it and work hard until you master it, and then you can take it more slow and easy.

It is better to work hard at first, because you will have to work a good deal harder if you neglect your poultry and some disease strikes them, and maybe lose half of them.

Two years ago one of my neighbors started in the poultry

business. I can well remember how I laughed at him because he subscribed for three poultry journals, built a large chicken house with a cement floor, and had everything else up to date—much too expensive for hens, as I thought then.

At that time my chicken coop was made from all kinds of old boards that I picked up around the barn. I had no dropping-boards, and only paid 50 cents apiece for fowls, as I kept only mongrels, and I thought it extravagant to pay 50 cents for a year's subscription to a poultry journal.

My neighbor bought fifteen thoroughbred White Wyandottes for \$1.50 apiece. The rest of the neighbors, as well as I, told him that he would certainly go bankrupt, and that those tender, fancy chickens that he bought would all freeze to death if he should happen to leave the door of the chicken house open some winter night.

But still he kept right on, and after he had been in business two years, his hens had paid for the cost of the food they consumed, for the building, and for the cost of themselves. He now has five up-to-date hen houses, all paid for from the profits of his fowls, and last year he made \$72 clear profit from thirty-eight White Wyandotte pullets and



A breeder in the yards of F. S. Nicholson, Otisville, N. Y., although it does not show to advantage in picture, this bird is very clean cut in barring and of extra good color.

four roosters. That is a good deal larger profit than my neighbors and I made.

Now I wish I had started the way my neighbor did, but as I didn't start then, I'm going to start this spring. I have a dozen fancy White Wyandottes that I am going to breed from this spring, and am going to build a couple of hen houses like those of my neighbor, and in four years I expect to be where he is now, whereas if I had started four years ago, I would be even with him.

Now for a word or so with those who are planning to start in the poultry business this spring. When you purchase your stock or eggs, remember that you are not buying stock to sell to the market in a year or so, as you did when you bred mongrels. The stock or eggs you buy this spring is going to be the foundation of your flock hereafter, so buy the best that is obtainable.

Nearly all of our great poultrymen started with a setting of the best obtainable eggs or a pen of birds, and grew up with the business. The beginner will ask, "Where shall I go for advice?" Look to the poultry journal for advice. Reading the poultry journals and studying your birds are the two most beneficial things you can do for your own interest.

Louie Legg.

Coldwater, Mich.

HEAT IN BROODERS.

THOUSANDS and thousands of healthy chickens die yearly because of too hot or too cold or too poorly ventilated brooding apparatus called brooders. The first need of a young chick is heat. Heat helped it come into the world; a lack of heat will send it out of the world. At all times it must be able to find a temperature of not less than 100 degrees. If a chicken were compelled to remain in a temperature of 100 degrees it would be as fatal as the inability to get into that temperature. Every brooder should provide an opportunity for chickens to choose the temperature most agreeable to them. They will begin to do this when a day old, if the brooders are properly constructed. A close observer will discover that a chicken's actions, from birth to maturity, are controlled by two instincts. One is intuitively to go from a lower to a higher point. Placed on an incline, it instinctively runs upward and hesitates to run down. The second instinct is to go toward the source of heat from which it derives strength and comfort. Coupled with these instincts is the bump of location—the largest bump in the chicken's head. It never forgets the place where it has found protection and comfort, and will seek it naturally after the first experience. A brooder, therefore, should be so arranged that there is the greatest possible surface to radiate heat without getting out in the cold. It should be above the floor level, in order that the chicks will run up to it naturally, rather than seek a corner which might be on the level of the brooder floor. The elevation above the floor also provides for air drainage, allowing cold air to settle away to the lower parts.

The instinct which compels the hen-brooded chick to seek comfort and heat from the mother's body, occasionally leads to disastrous results in artificial brooding. A chicken which has once secured warmth from a sunny spot in the corner of the brooder or from the bodies of its companions in some cold spot, will intuitively and persistently continue to huddle in the same place rather than go to a warm hover

of heat. The brooder should always be supplied under the hover with fresh air from the outside. This air should be thoroughly warmed and distributed upon the chicks where they are apt to be the thickest.

By maintaining a temperature of 100 degrees near the heater the chick, when cold, can receive approximately the



First prize S. C. Brown Leghorn pullet, at Indianapolis, 1910. Bred and owned by E. J. Stuckmeyer, 1401 Prospect street, Indianapolis, Ind.



SILVER WYANDOTTE.

One of the prize-winning kind as bred by Wm. J. Fox, R. F. D. 17, Cabot, Ia.

same heat which it would from the mother's body. Under ordinary circumstances chickens are perfectly contented and happy in a temperature of 90 degrees on the floor. But, in order to provide a 90-degree temperature where the chickens lie flat or stretched out over the surface of the brooder, it will be found necessary to maintain a temperature of 100 degrees near the source of heat. This temperature should be maintained when occupied by chickens during the first three or four weeks. It is far better to err in having the heat higher than necessary, so long as the chickens have an opportunity to get away from it, than it is to have too little heat. In the latter case there is no remedy except huddling, which always results in weakness and great mortality. Chilling usually results in bowel trouble, and chicks that are once chilled may never recover from it. I am convinced that more chicks die from a lack of sufficient heat or from their inability to get away from it when they desire to be cooler than from improper feeding. The chicken has a wonderful power of adapting itself to the food it receives, but it cannot adapt itself to a lack of heat. Brooders which are perfectly comfortable when the chickens enter them at night are often decidedly uncomfortable by morning. This is partly because it usually grows colder during the night and is coldest just before daylight, and also because the lamp wick gives out less heat toward morning, as it becomes somewhat charred during the night. The floors of the brooders should be kept covered with dry soil or sand and fine litter under the hover and over the floor of the sun parlor. This keeps the chickens dry, gives them an opportunity to exercise (and don't they seem to enjoy this exercise) and makes the brooder easy to clean. It, too, absorbs dampness and all odors.

Chatham, Ont.

A. T. H. Fortescue.

near by, simply because its memory makes the place of former comfort its home. Therefore, the chicks should be started in the right way and kept within easy reach of the hover for the first day or two, until they learn the source

COLUMBIAN PLYMOUTH ROCKS

History—Breeding and Mating—The Bird for the Egg Man,
the Show Man, the Market Man—The "Royal"
Strain—Demand and Supply.

Written for American Poultry Journal by Dr. E. B. Kaple, Elbridge, N. Y.

THE history of this variety dates back but a comparatively few years. Its origination was the result of a demand for a variety of a breed that should supply eggs for the egg man, meat for the market man, grand specimens of beauty for the show man, and that should possess any one of these qualifications without the sacrifice of either of the others in its attainment.

Egg production, as proven by an abundance of well authenticated records, seemed to be well supplied by that ever-popular breed—the Plymouth Rock. This bird also possessed a size and early growth that would satisfy the demands of the market man. As to the show bird quality, what breed



One of the best Barred Rock females that we have seen for some time was the one shown above. Bred and owned by Tannenbaum Farms, Willoughby, Ohio. Her fine type and snappy barring was noted by nearly every fancier at the Cleveland show.—L. Stahmer.

has ever surpassed the royal old Light Brahma, with his beautiful white body and his well-marked black and white hackle, wings and tail?

The ideal bird that has always stood out before the mental vision of every man who has been instrumental in bringing the Columbian Rock to its present position in the poultry world has been that of one with the perfect type, size and other characteristics of the Plymouth Rock, in combination with the ideal color markings of the Light Brahma, but minus the unsightly feathered shanks and toes, the flat head, pea comb, etc., of the latter bird.

We wish now to briefly review the names of a few breeders to whom great credit is due for the painstaking and intelligent labor they have expended in the developing of this variety to its present form. There seems to have been two classes of breeders, both working along different lines for the development of the same ideal. One has seen fit to utilize Columbian Wyandotte blood in producing this variety,

while the other disclaims any infusion of Wyandotte blood in their birds.

Mr. F. M. Clemans, vice-president of the American Columbian Plymouth Rock Club, who began on this variety about seven years ago, has been quoted in various publications as having used Light Brahmas, Barred Rocks, and single combed "sports" of Columbian Wyandottes in his crosses. It would seem that Mr. Clemans' idea was to obtain his Rock



Cockerel winning first at Minneapolis and pullet first at Chicago in the hottest of Partridge Wyandotte company. Bred and owned by Earl Henry, Albert Lea, Minn., and now in his breeding yards.

type from the Barred Rock and his color markings from the Light Brahma and the Columbian Wyandotte; and so far as we know he has succeeded to his satisfaction.

Mr. E. B. Andrews is another breeder who has been quoted as having used Columbian Wyandotte blood in connection with the blood of Barred and White Rocks in the development of his strain.

Mr. D. M. Green, president of the American Columbian Plymouth Rock Club, has, on the other hand, refrained from the use of any Wyandotte blood in his foundation for this variety, depending on White Rocks and Light Brahmas.

Mr. George H. Sweet, originator of the "Sweet strain,"



Second prize S. C. Buff Leghorn cockerel at Chicago, 1908. Bred and owned by H. Cregar & Sons, Forest Park, Ill.

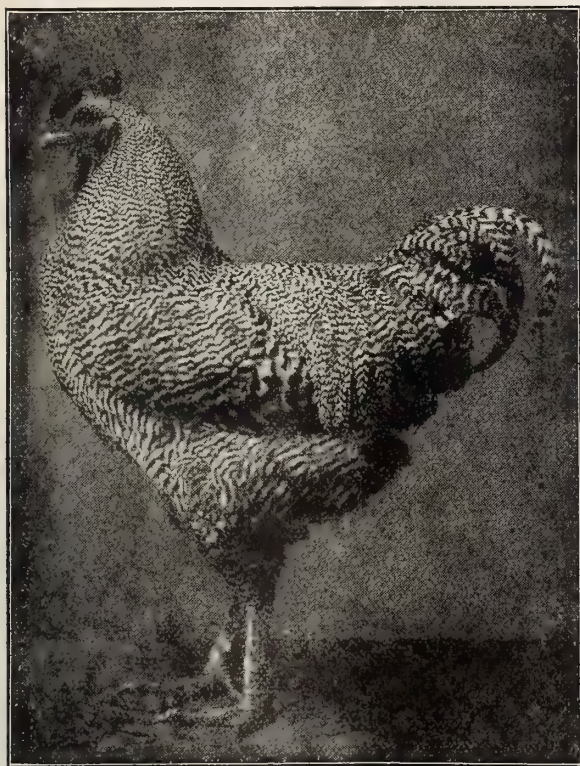
has always been opposed to the Wyandotte admixture, and he has succeeded in developing Columbian Rocks of rare beauty, type and size without the use of any Wyandotte crossing.

We do not wish to enter into the discussion of the relative merits of individual birds bred by any of these gentle-

men. We recognize the fact that each was working toward the same end—the developing of the best Rock type and size with the best Light Brahma coloring—yet it seems to us that there exist certain well-defined reasons why it is undesirable that Wyandotte blood be introduced into the ancestry of Columbian Plymouth Rocks.

In the first place, the Wyandotte type is not the Rock type, and whatever of color may be obtained from the Columbian Wyandotte cross is obtained at the expense of a possible transmission of the Wyandotte type as well. We will admit that it is possible to “breed out” this undesirable type after a time, but there will always exist, in accordance with the law of atavism, a possibility of a reversion in certain birds possessing such ancestry, to more or less of the Wyandotte type. If the desired color markings were best exemplified in the Columbian Wyandotte, or if they could not be elsewhere obtained, then such a cross would be unavoidable and perfectly justifiable; but the fact is that the Light Brahma is the breed from which the Columbian Wyandotte itself obtained its coloring, and is today a much better specimen of the ideal Columbian coloring than is the Columbian Wyandotte. This being true, then why not use the Brahma, to the exclusion of the Wyandotte?

But, says the breeder unacquainted with certain things that have occurred (and, we are sorry to say, do still occur),



World's champion nephew and sire of first cockerel at Ft. Wayne and a score of other winners. Owned by G. Earl Hoover, R. 24, Matthews, Ind.

what difference which blood, so long as the most perfect specimens obtained from either cross are equally good?

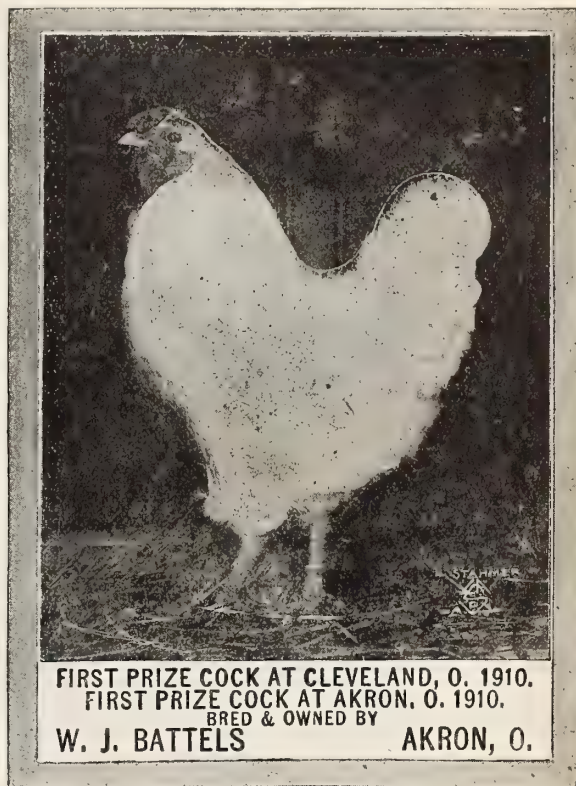
The difference is this, and we stand ready to prove the following assertions if any Wyandotte or other breeder questions them. The color markings of the Columbian Rocks and those of the Columbian Wyandottes are practically the same. The distinguishing features of these two breeds are those of type; size and comb. The Rock type, with its long back and body, is fashioned after the approved egg type, the typical Rock being in marked contrast to the shorter-back, more compactly built Wyandotte, while the single comb of the Rock is still greater contrast to the rose comb of the Wyandotte. As proof of our assertion regarding the egg type, we ask that you look through the pens of any breeder of Wyandottes whose birds are especially noted for their laying qualities, and see if you find the Standard Wyandotte types among the best layers.

Is it not a fact well known to all breeders that all breeds that are short of body and of double comb tend to revert—degenerate will be the term used by breeders of such birds—to the single-comb, longer-back, egg type of bird?

And is it not also a fact that when a Columbian Wyandotte

shows a single comb it is also inclined to be longer of body than a perfect type of Wyandotte permits of?

These so-called “sports” are of no value as Wyandottes, and certain breeders have sold and do sell, and have exhibited and do exhibit, such specimens as Columbian Plymouth Rocks.



The Columbian Wyandotte, having been bred much longer, naturally tends to show better coloring, and it thus has too frequently happened that in their admiration for this superior color the judge has overlooked the size and type features and has awarded honors to such Wyandotte “degenerates” over true Columbian Rocks of the true type and size, but weaker in color.



White Wyandotte cock, headed second prize pen at Cleveland, 1909. Bred and owned by H. C. & C. W. Sixt, Whitecrest Farm, West Park, Ohio

Our opinion of breeders who will thus sink their principle under their desire for false honor, or “filthy lucre,” would perhaps not look well if expressed in print, and we therefore

leave it for the reader to use such language as will best express this opinion—but speak it softly, for it demands strong words.

In the past, Columbian Rock breeders have had no authorized Standard of Perfection; consequently, this variety when exhibited has usually been judged by Columbian Wyandotte



Single Comb Rhode Island Red. One of the prize-winning kind as bred by Simmons & Crittenden, Geneva, Ohio.

judges, and they would naturally be less liable to note the type and size distinctions than would a Plymouth Rock judge, or, if they do note them, they let their eye, trained for color and Wyandotte type, rest too long on these "sport degenerates." (The coming issue of the American Columbian Plymouth Rock Club catalog will contain the Standard of Perfection as adopted by the club.)

In our opinion, the only suitable place for these birds that are neither Rock nor Wyandotte, is on some well spread table and well surrounded by a hungry family. It could then be reasonably supposed that they would not appear as Rocks at any show.

It would seem to us a reasonable assertion, in view of all these facts, that any strain of Columbian Plymouth Rocks that can show freedom from any Wyandotte blood, and at the same time can show birds that breed as true to Columbian type, size and color as do these of the strain possessed of Wyandotte ancestry, is certainly superior to the latter; that such a strain would always tend to produce in its progeny less of Wyandotte size or type and be more certain to produce offspring that would be in such marked contrast to the Wyandotte as would sooner obviate the possibility of such contemptible practice on the part of breeders as above set forth, and by this same contrast would compel even the Columbian Wyandotte judge to properly discriminate.

Now, as to the matter of mating and breeding Columbian Rocks. No breeder has yet bred this variety sufficiently long to justify any positive statements concerning mating and breeding. What we offer, therefore, will be with a due appreciation of this fact, and will be presented as suggestions for the breeder to prove or disprove. Every published error may, through the discussion it may elicit, be the cause of the acquiring of more knowledge than would the publishing of an acknowledged fact. It is this very uncertainty as to the possible results that makes the breeding of a new variety the more fascinating, and incidentally makes the financial returns that follow from careful and intelligent observation, the more sure and satisfactory. The day that any breed becomes ideal will be the day that such breed will cease to be of interest to the breeder, and will consequently cease to be a profitable bird to breed. That the Columbian Plymouth Rock is rapidly improving is certain, but, fortunately, we are a long ways yet from the ideal.

It may be well to consider some of the general principles

that apply to the breeding of any variety before definitely discussing the problem from the Columbian Rock standpoint.

The quality of the female affects the quality of her own progeny only. The quality of the male affects the quality of the progeny of every female with whom he may associate.

These two principles, that are so self-evident, are nevertheless too often neglected by breeders who wish to economize (?) by the purchase of an inferior male simply because its original cost is less. That this is mighty expensive economy, many a breeder has proven, and has charged the expense to his experience account.

Another important principle, or law of heredity, should never be forgotten. We refer to the law of atavism. By this law, any physical characteristic of the parent, good or evil, may fail to appear in the immediate offspring, and yet may again appear of a marked degree after one or more succeeding generations.

As the result of this law it becomes possible for a breeder to occasionally obtain most excellent progeny from a union of inferior individual birds, or, on the other hand, to fail to obtain satisfactory results from the mating of two individually perfect specimens. This illustrates the importance of a knowledge of the remote ancestry of your breeding stock, both male and female; and herein lies the value of certain strains, for it certainly is not true that all birds of a certain strain will breed to their like just in proportion to the care and intelligence that have been used in the selective breeding incident to the development of that strain.

One more factor that not infrequently is too little appreciated by breeders is that of prepotency. By this term is meant that power of a living organism through the possession of which it is enabled to transmit its own peculiarities, to a greater or less degree, to its descendants, and this regardless of the peculiarities of the organism with which it is mated. Prepotency is a power inherent in both the male and female organisms. It is of more importance in the male simply because the male quality influences a so much greater number of progeny than does that of the female.

It is evident that prepotency in a bird may be valuable or otherwise to the breeder in proportion as its possessor is an individual of greater or less degree of perfection. This is well illustrated by a male bird in our possession. This fellow is grand in type, perfect in head points, with fine body color,



Bred and owned by C. L. Patterson, Barberton, Ohio.

and strong in hackle, wing and tail coloring, except that the main sickles contain some white in the web. Now, while this bird has proven a sire of exceptional value, yet it is a fact that 90 per cent of the male progeny of this bird have shown white in the sickles.

Many birds may be perfect individuals, with a long an-

cestral record of perfection, and yet, owing to a lack of the power of prepotency, be of inferior value as breeders.

To illustrate the value of a careful consideration of the factors above enumerated, we wish to describe in detail the manner of collecting and preserving the records of birds as adopted by the originators and breeders of the "Royal" strain of Columbian Plymouth Rocks.

The original crossing that resulted in the production of, we will say, ordinary Columbian Rocks, have by means of the following system been bred to their present nearness to perfection.

1. They have recorded and keep on file the number of every bird in their possession.

2. Opposite every such number is written a detailed and accurate description of such bird, describing each section, with the weight, type, etc.

3. Trap-nest records of every layer, all the year.

4. Every egg immediately marked so as to show the male and female behind it, together with the date.

5. Record of all apparent variations from health, the date observed, with symptoms, and date of apparent return to health. With all these data always available for examination and study, it is possible, if not to "count their chickens before they are hatched," to at least have scientific reasons for estimating the probable characteristics of the chicks that do hatch. They know their eggs as well as they know their birds, and such records have given them a knowledge of the breeding value of every male and female, of their characteristics and peculiarities, and the prepotency, that could not be obtained in any other way. They feel that these are good and sufficient reasons for their being justly proud of their strain.

Now just a few concrete hints as to mating Columbian Rocks, granted that the individuals are right, the ancestry right, and prepotency right.

In color, there is always a tendency for birds to breed lighter. We believe it is especially important that the male be of good color, that his comb be as perfect as possible, and that he possess marked vigor of constitution. On the other hand, we look for size in the female more especially, believing that she has the preponderating influence, other things being equal, on the size of the progeny.

We would advise the mating of a male of fair size at

breeders, with white body surface and not too dark under-color, though this may be slatey; but we are not as yet satisfied as to this latter statement. This is our opinion only, and we fully realize that further experience by ourselves and others may lead us to think differently, yet we are at this time fairly well convinced that too dark or black under-



HIGHLAND KING.

Third cockerel and shape special at Chicago. First and shape and color special at Willoughby, 1910. Fifth and shape special at Buffalo. Heading one of my best pens. Covert's Barred Rock Farm, Willoughby, Ohio.



ROSE COMB WHITE LEGHORN.

A sensational prize winning cockerel. Bred and owned by Rocky River Poultry Co., Deerfield, Ill.

least, with good Rock type, with hackle feathers well striped clear to the end of the feather, the tail strong in color, the wing primaries black as possible, the cape dark, and the body surface color white, with a female of large size, good Rock type, and, contrary to the expressed opinions of some

color in female is not essential for the attaining of well-marked progeny, providing the male bird has good color in hackle, wing and tail sections. We are still looking for the ideal, the pure white bodies with the glossy greenish-black and black and white striping and lacings, and we are working toward that ideal.

Just a few more words as to the qualifications of this variety. Regarding egg production, in our opinion, it is a matter of strain, environment and feeding, and not of variety of breed. Our birds are proving to our satisfaction that they have the egg qualities. Regarding the market qualification, we can only say, and it is only necessary to say, that they are Plymouth Rocks in size, shape and age of maturity, with the clean yellow legs, the yellow, plump bodies, and the fine, tender, "toothsome" flesh peculiar to all Rocks.

The show qualities we can best demonstrate by calling your attention to the full page cut of cock and hen of this variety appearing in this journal.

Our records of inquiries and sales, both of stock and eggs, so far during this our first year of advertising our strain, surely show us that the demand for these birds is far beyond the supply, and any breeder who takes our hint and puts himself or herself in a position to supply this demand during the next year, will be making no mistake.

One word of caution and advice to the prospective breeder of this variety. It is this: Do not buy your stock or eggs of any breeder who advertises both Columbian Wyandottes and Columbian Plymouth Rocks, unless you know such breeder personally and know him or her to be absolutely reliable. The temptation to dispose of single comb Columbian Wyandotte degenerates, worthless as Wyandottes, and really worthless as Rocks, at a good fat price, as Columbian Rocks, is a great one to any other than the honest, reliable breeder.

Beware the Single Comb Columbian Wyandotte "sports."

We lead, others follow.

EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for April, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the April, 1910, issue.

J. G. BUDDE,
Subscribed and sworn to before me this 21st day of March, 1910.

[Seal.] Harry E. Wright,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Attention, A. P. A. Members

Columbia, Mo., March 14, 1910.

Member of American Poultry Association:

Dear Fancier: Without any solicitation whatever upon my part enough of my friends voted for me as a member of the executive committee of the American Poultry Association to place my name upon the election ballot. I wish to thank each one for this expression of their confidence and friendship. I will not resort to any tricks or political schemes in order to insure my election, as much as I would appreciate the honor, for, if I am not the honest choice of the members of this association, I do not want the office under any circumstances. I have no axes to grind, and, if elected, I promise to try to represent the members of the association in all that I believe to be for their good, regardless of any particular section of country, party or clique.

I have been secretary of the state poultry board and the Missouri State Poultry Association for four years, and during this period, with the loyal support of Missouri poultry breeders and fanciers, the following has been accomplished in this state:

1st. The membership in the state poultry association has been increased from 64 to nearly 700.

2d. The number of birds exhibited at the state show has increased from 700 to over 5,000.

3d. Number of states represented at state show increased from 3 to 23.

4th. From receiving no appropriation from the state for poultry interests to receiving \$10,000 for each biennial period.

5th. Number of persons in the state raising thoroughbred poultry increased over 500 per cent.

6th. From no instruction in poultry to the establishment of a course in poultry husbandry at the State College of Agriculture, and assurance that we will

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Advertising rates are sent upon request.

have a down-to-the-minute experiment station in a short time.

7th. From a time when we had but few fanciers who were known outside of the state to a time when we have dozens and dozens who are carrying advertisements in poultry journals and are known throughout the country.

8th. From a time when there was but little demand for poultry and eggs in this state to a time when there are thousands and thousands of dollars invested in that manner each year.

9th. From a time when no institutes were held to a time when we are reaching every corner of the state, educating and interesting the people in better poultry and more of it.

10th. From a time when no bulletins were issued on poultry matters to a time when they are published regularly for the information of those who are not experienced in the business.

11th. When it is a state-issue instead of a side-issue.

12th. We have encouraged other states to attempt to secure an appropriation and give them instruction as to how we secured the same.

13th. We have had inquiries from foreign countries as to our methods and plans.

14th. The number of county poultry associations has been increased from 5 to 33.

15th. The surplus poultry products of the state have been increased until they are now seven and one-half million dollars (\$7,500,000) more a year than they were four years ago.

With the aid of the poultry fanciers in this state this is a statement of what has been accomplished in four years. If elected to this office I promise to give my best thought and energy in behalf of the best interests of the association, and endeavor to honestly and faithfully represent all sections of the country. After consenting to submit my name for election, I, of course, prefer not to be defeated, and would therefore appreciate the support of my friends.

Thanking you in advance for any con-

sideration given my name, I remain, your friend,

T. E. Quisenberry,

Sec.-Treas. Missouri State Poultry Board.

Now, brother members of the American Poultry Association, who in all the history of the poultry world has ever accomplished anything like this?

Well, what are you going to do about it?

Are you going to vote to put this man Quisenberry on as a member of the executive committee?

For our part we vote YES.

Let the "Good Work" go on.

The Buying Season

The egg season is going in full swing. Orders for the best eggs that buyers can afford are being placed with the breeders all over the country and the man who is experiencing the greatest amount of business is the one who has had a faith unshaken and firm in the future of the business and let his light shine. There are dark moments in all businesses. There have been dark ones in the poultry business, though they have not been hovering about lately. The season for stock sales is about over, there being very little left in the country that is for sale after the breeding yards are mated; and until the season for egg setting is over there will be nothing offered.

This winter just past has been a great sale season for stock. Ask any man who is in the breeding business and he will tell you that we are right. Good birds are commanding prices which are entirely within keeping of their value, in spite of the fact that prices are ranging higher somewhat every year. It is an old stock breeders' saying that the time to get into good breeding business is when the prices of good stock are low. This is true in the standard bred poultry line. A few years ago there were a number of breeding enterprises started which today are among the largest in the country. Good foundations were somewhat cheaper then than now and the best stock was secured

and people let to know that the farms were producing the right brand of stuff. Today these farms are among the great ones of the country. They have done much to uplift the dignity of the poultry breeding business and are maintaining standards which we may all follow.

During the next few years there will be a still greater forward movement in the poultry breeding business. The trend of getting back to the land is apparent. We can all see the movement. There is only so much land in the country, while the population is going to drive countryward to lessen the cost of living. There are great opportunities still open. Various sections are ready for the poultry movement. Good fowls will be even in greater demand five years hence than they are today. The breeder who is breeding good ones will ever have a growing source of income and profitable employment. Let the watchword be, "On to better poultry and better breeding methods."

Breeders' Necessity

Right now is the busiest of the incubator season. The breeder or poultryman who is up and doing knows what a boon the incubator is to him. If he is even a crank on hen hatched chicks he may get his eggs started well with the machines and then later put them under hens as they go to setting. Generally speaking, the smaller of us fanciers need a good machine to get out a few dozen early chicks, no matter if we do prefer a use of the setters later. The incubator is right here to stay and all of us who are alive to their possibilities are using them. They are just as much a part of the equipment for the large or small fancier as the breeding stock. We cannot get along without them and this is especially true of the fancier who wants to make his showings of birds early in the fall and winter. Get an incubator.

Hygrometers and Incubation

Not many years ago hygrometers were very little known among the poultry producers, whether they were fanciers or farm poultry growers. The art of incubation is one that has been reduced to a science and is one whereby the person operating hatching machines may secure a good average of results if he or she will but follow a few of the beaten paths that lead to success. There is no secret which a few know when it comes to making good hatches of strong, vigorous chicks. Rather there are a few details that must be carefully attended from the care of the breeding stock to the taking off of the chicks after a good hatch.

We know today that poorly fertilized eggs will not germinate strong enough to carry themselves through to hatching time. We know that if the heat is not kept even and right up on the eggs that they will not hatch quickly and break the shell vigorously. We know that some good hatches have been recorded when it was thought that by the careless chilling of the eggs, the over-heating of the eggs, the non-supplying of moisture when it was thought to be the most needed, as well as other so-called detriments, were not right in line with general practice.

Further, we have come to understand that the moisture problem is no problem at all but just one of the things which must be understood. The wise incubator operator has a good hygrometer in his machine at all times so that he may at least have some control over the amount of moisture his eggs are accustomed to during the period of incubation. We know what degree of moisture is best during the various stages of incubation. That is, we have learned what is good for the best results, and taking the averages, we follow them. Hygrometers are just as important in the equipment of the incubator operator as are good ther-

mometers. We are at a period in the development of the poultry business in all its branches when we must know all there is to know on a subject to get the best results from our own work. The incubator makers are offering instruments to the poultry people which are perfectly reliable when it comes to the telling of the actual degree of humidity there is in the chamber where the eggs are incubating. There is nothing hard about the acquiring of incubation knowledge if we but get down to essentials and know what we are doing and when to do it. Hygrometers have come to stay. They have come to point the way in the process of evaporation which the eggs must be subjected to in order for them to hatch best.

Growing Some of the Feed

Some time ago we saw in some one of the journals that a poultry keeper had experienced a great difficulty in getting good poultry feeds at right prices, and that he was going to experiment this spring by growing some barley, wheat and oats, corn, millet and root crops and not depend upon others to furnish this to him. Between the lines of this greater or lesser declaration of independence of a poultryman we have a good text for an article: That the greatest profit from the work and brains put into poultry breeding would always be found on the farm where the fowls had a chance to get a part of their living from gleaning the fields.

The poultryman on the city lot or the small acreages found near cities must submit to the ruling prices for grain and then at that sometimes have to pay a premium to get good poultry grains and other feeds. In order to grow much feed one would have to have a ten acre patch to put his seed into. Many opportunities for the growing of good chicken feed are overlooked by poultrymen. Last season

YOUNG'S STRAIN S. C. WHITE LEGHORNS

I HAVE NO OTHER BREEDS

Another great victory at Madison Square Garden, New York

Again winning for the eleventh time more prizes than all of my competitors combined

After having 119 of my best young birds stolen, my winnings were as follows: Cocks—1st, 2nd, 4th, 5th. Hens—1st, 5th. Cockerels—1st, 2nd, 3rd, 4th, 6th. Pullets—4th. Pen—2nd. Special for best display, special for best male, special for best color male, special for best shaped male, special for best female, special for best head female, special for best shaped female. Spratt's Gold Special for best Leghorn cockerel, any variety, hatched 1909. State Cup for best display. Elm Trophy for best male. Silver Medal for best male. Bronze Medal for best female.

You cannot win without my strain. It is the greatest laying strain on earth. Why fool away your money purchasing eggs and stock elsewhere, when you can buy from a strain that has been line bred, trap nested and established for 35 years, for the same money or less?



The following are the male birds that are heading my thirty yards this year:

1st Cockerel, New York and Boston, 1906	2nd Cockerel.....New York, 1910
1st Cockerel.....New York, 1907	3rd Cockerel.....New York, 1909
1st Cock.....New York, 1906	Cock heading 2nd Pen, New York, 1907
1st Cockerel.....New York, 1909	Cock heading 2nd Pen, Boston, 1907
1st Cock.....New York, 1909	3rd Cock.....New York, 1909
1st Cock.....Jamestown, 1907	3rd Cockerel.....New York, 1910
Cockerel heading 1st Pen, New York, 1909	4th Cockerel.....New York, 1910
1st Cock.....New York, 1910	4th Cock.....New York, 1910
1st Cockerel.....New York, 1910	5th Cock.....New York, 1910
2nd Cock.....New York, 1907	Cock heading 2nd Pen, New York, 1910
2nd Cock.....Boston, 1906	6th Cockerel.....New York, 1910
2nd Cockerel.....New York, 1909	4th Cock.....New York, 1909
2nd Cock.....New York, 1910	5th Cockerel.....New York, 1909

Stock and Eggs for sale at all times

Send for free mating list

D. W. YOUNG, Box 1-A, MONROE, ORANGE CO., N. Y.



Quality Prints

Get quality in cotton dress-goods if you expect them to last.

Simpson-Eddystone Silver Grey Prints

are calicoes that have been recognized for their high quality for over 65 years. Well woven cloth. Hand-some new designs. Intense fast color.

If your dealer hasn't Simpson-Eddystone Prints write us his name. We'll help him supply you.

The Eddystone Mfg. Co., Phila., Pa.
Established by Wm. Simpson, Sr.

75c Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

A GREAT REMEDY

For Cholera, Roup Chicken Pox and Other Diseases.

KEMIFORM is best because it goes right to the spot and effects a lasting cure in short order. No need to experiment with separate remedies for each ailment. Hundreds of successful poultrymen admit that **KEMIFORM** is THE MOST USEFUL poultry remedy in existence. Mr. W. L. Pfau, of Dix, Illinois, says that his hens, with head and eyes swelled shut, were cured in 2 days by

KEMIFORM

A tablet placed in the flocks' drink now and then PREVENTS DISEASE and makes profits possible. One box makes 25 gallons of agreeable liquid. Don't let your chicks die this year. A Southern poultry woman tells us that **KEMIFORM** SAVED 200 CHICKS which were dying of Bowel Trouble and Cholera. Price 40c. postpaid. Results Guaranteed. FREE sample for stamp and your dealer's name (if possible). Address

The Kemiform Co.
2451 St. Clair St., CLEVELAND, OHIO
Agents Wanted. Liberal Profits

SAVES CHICKS

we saw one poultryman plow up his breeding yards and put them into late potatoes after the first of May and still get a good crop out of the 'taters. He sowed beets in the smaller yards as well as sweet corn and rye and oats and the birds make a lot of growth from these. The beets were used for winter greens and the grains were used to clean the yards and still make them produce some feed.

There is a lot of good poultry feed in a small yard of rye. We know one city man who is a national figure in poultry circles who has but five town lots to work on and he has one of these in rye, which furnishes a great amount of growth to the chicks and gives the old birds a fine forage during the whole season. Wasting good yard room by not putting it into some form of feed is but letting the leak system get into the business. Stop the little leaks and you add to the profits. The prices that poultry feeds have commanded during the last few years but remind one that he should pay some attention to getting them as cheaply as possible.

A Farm Chronicle

Just by way of telling something that happened on a farm that we know of, we are going to give the chicken doings of one good farm wife who wants to raise better poultry than she has before. She had nearly two hundred head of scrub chickens running here, there and yonder. These were introduced to the poultry higgler in one large bunch and the returns from them were first invested in a new poultry house that would shelter the new birds she was going to buy. Let me say that she is a reader of the American Poultry Journal and had been a subscriber but a short time when she decided that the old way of keeping poultry was far wrong and out of date. She found out that the blue canopy of heaven was nice enough for the poets to rave over in their spring sicknesses but that it was not conducive to poultry profits of the best sort.

This good woman heard that scrub hens lay about five eggs per month per year and she kept tab on hers till she was convinced that they had to go. No matter if they were eating the waste things of the field and farm yard, they were not paying for their room on the earth, hence raus mit em. She got up one morning, early, and, hauling her spouse from bed, started things going about the farmstead a little earlier than usual and every one could see that she was going to do something. It was one of the days when a city man would have double locked the door to his private office and said on his shingle: THIS IS MY BUSY DAY.

The chickens were caught about the barn and hog houses, the calf sheds and stock stables, and were carted off to the higgler. The return load was lumber. One might have said cash, for nowadays lumber is that. A pen of twenty pure bred hens was bought and two good males came with them. The price was something fierce (for a farm wife) to pay, but she paid it—fifty dollars. Neighbors for miles around were not going to let her have anything over them, so they bought stuff of a different sort, something that took their fancy, or else went over to the good woman and laid down a three dollar bill and told her they would like a few eggs of this great laying chicken she was raising. These pullets filled a couple of new incubators a few

times that summer and during the past fall the place was certainly a great sight. Hundreds of pure bred chickens were busily developing into grand egg layers and looked ready for their work of a winter.

More buildings were put up. The backbone of this woman was not going to stop at anything done halfway. It was a big thing with her or nothing. This spring she is supplying eggs to a few day old chick producers who are giving her top prices for her eggs and as well has been sending some fine stock out to buyers who have heard of her work. Her work for good has been the one influence of the whole neighborhood which has turned its thoughts to more and better poultry. She is not the only instance we have come across. The process is going on everywhere and the gospel of good chickens is spreading. As a rule the older the country the more attention paid to the fowls that are kept for the good they may do on the farms. So let us all lend a hand in the work and push forward.

Prices of Eggs

It was not so long ago that five dollars was the highest price ever asked for eggs for hatching by the leading breeders. Then some one crept up to six dollars and another man or two offered their best at seven, and then ten dollars was asked, and finally twenty to fifty dollars per setting. The fact that buyers were found at all sorts of prices for eggs just so the eggs came from the very best birds which the breeders had seemed to put some ginger into the eggs for hatching market. It is rather out of the question to ask breeders to dispose of their very best eggs at low figures. The eggs are worth generally what the sellers declare them at, for they are good property right on the poultry establishment that produces them when turned into the salable stock that they can make for the fall and winter trade.

If a man pays ten dollars for a setting of eggs, he has his money's worth out of them if he gets two fair birds. If he gets one that is fit to take into the show room he is more than repaid, for cheap birds are not taken to the shows any more. Birds that are worth a half hundred dollars do not seem to get a look in at the blues. Winners simply have to be screamers and the mass of exhibitors know this. They have found it out from the constantly growing competition.

Good Winter Sales

Stock sales have been very good, so all advertisers report, during the sale season. Thousands of fanciers and breeders are enlarging their operations every year, to say nothing of the countless thousands who are getting into pure bred poultry breeding every year. One thousand enthusiasts made at the show go a long way toward helping the sale season. The journals are boosted, the breeders are encouraged, the demand reached out to the smallest producer and from one to the other of the individuals directly in line with a sale the business is benefited.

To the buyer of experience, the man who must buy because he needs some help toward his breeding pens or show strings, the admonition to buy early does no good. There are others who have not bought the stock they want as yet, because they cannot get it. They are the



First Prize Cock, Chicago, 1909

STANDARD LINE BRED S. C. W. LEGHORNS

EXCLUSIVELY : : : THEY LAY WHILE OTHER BREEDS SLEEP

Recent Chicago Winnings

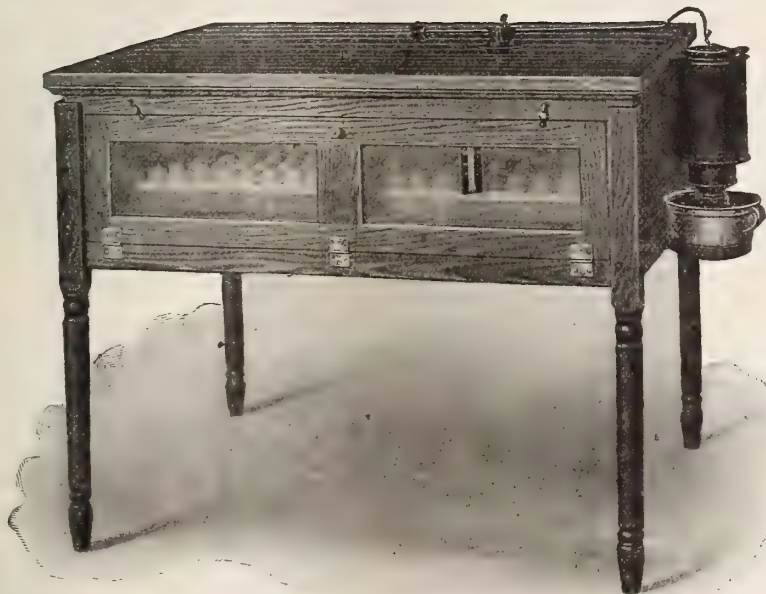
Dec. 7 to 12, in the largest entry and the strongest competition ever shown at Chicago, I won 1st, 2d, 3d hens; 1st, 2d, 3d pullets; 1st, 2d, 3d cocks; 2d, 3d, 4th, 5th cockerels; 1st pen

Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and 1st on pen; also cup for best display. Exhibition birds of the highest quality now ready. My stock in customers' hands won firsts in most all of the leading shows last winter and will do it again. Do you want the winners in your show? If so get in touch with me and state your wants. I can supply you with

Stock, Eggs for Hatching and Day-Old Chicks

in any quantity, for I have the **Largest Single Comb White Leghorn Farm in the Middle West.** Inclose ten cents in stamps or coin for the finest White Leghorn catalogue ever published. Every inquiry and order has my personal and prompt attention. Write me today.

Parkside Poultry Farm, N. P. Easling, Prop., Box 40, Pekin, Illinois



The New Globe Incubator No. 10

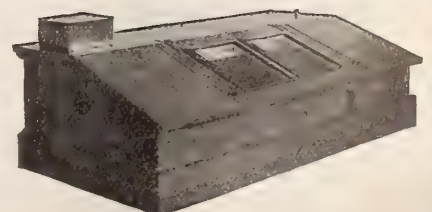
The great merit of the Globe Incubators has been so well known to the poultry raisers of this country for the past fifteen years, that we feel the only introduction that the **New Globe Incubator No. 10** needs is a plain statement of the fact that in this machine we offer to the public an incubator of **Globe merit** built on plans that greatly lessen cost of production so that we are able to offer a **200-Egg New Globe No. 10 at \$13.50**

Positively the best in the world for the money— This machine is fitted with the best double compound wafer regulator, the same as used in all higher priced machines and is honestly and substantially made throughout and will render efficient and satisfactory service and produce the best possible percentage of strong livable chicks that will grow and mature when placed in our famous

GLOBE BROODERS

200-Chick Size \$11.75—A brooder built on scientific principles that have been proven correct by actual practical use.

**Get These Machines and
Raise Your Chicks**



Extra Special!

If ordered from this ad within thirty days, a 200-Egg Globe Incubator No. 10 and a 200-Chick Globe Brooder for only \$22.00.

Send for elegant colored circular fully describing these machines : : :

C. C. SHOEMAKER
BOX 605 FREEPORT, ILLINOIS

Make Him Show Up

If any cream separator manufacturer tries to sell you a disk-filled or other common, complicated machine, tell him to wait a bit.

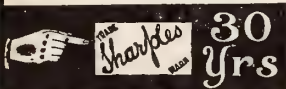
Ask him why you should buy his machine instead of a simple, sanitary Sharples Dairy Tubular, when Tubulars probably replace more common separators every year than any one maker of such machines sells?

Remind him of our guarantee to print at least ten names of farmers who have discarded his class of machine for Tubulars, to every name he can print of farmers who have replaced Tubulars with his machine. Ask him why he has not printed any? Make him show up.

World's biggest separator works. Branch factories in Canada and Germany. Sales easily exceed most, if not all, others combined. Tubulars are the World's Best—and better this year than ever.



The only piece inside Sharples Dairy Tubular Bowls.



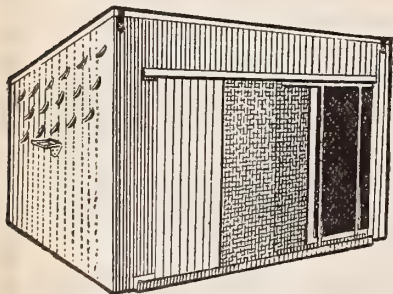
Write for Catalogue No. 205

THE SHARPLES SEPARATOR CO.,
WEST CHESTER, PA.
Chicago, Ill. San Francisco, Cal. Portland, Ore.
Toronto, Can. Winnipeg, Can.

SUGAR Fine Gran. lb. 2½¢

We SAVE you about one HALF on Groceries and general Merchandise and pay freight. Send no money but write at once for Free Catalogue 25
CENTRAL MERCANTILE COMPANY,
263-269 Dearborn St., Chicago.

This Coop Saves Chicks' Lives



The only one of its kind. Rats, mice, weasels and skunks cannot trouble your chicks, being protected by three different sliding doors in one, and there's no wood about it.

All-Galvanized-Iron

Makes it an everlasting coop by taking apart and storing when not in use. Coop does not "draw damp" nor hold dampness, like wood does. Chicks and mother are always in the dry. The best of all coops for avoiding colds and roup. You will find the all-iron coop more than pays for itself every season in extra chicks raised. Shipped knocked down.

Write for free circular, fully describing this and full line of other sanitary appliances.

DES MOINES INCUBATOR CO.
244 Third Street : Des Moines, Iowa

ones who were told to buy early but who thought it would be a good plan to wait till spring, as then they would not have to pay for a winter's feed. Take your pen in hand at this time and write to a hundred breeders of Rocks, Reds, Orpingtons and Wyandottes, to say nothing of any other variety breeders, and you will find that over 80 per cent of them will answer and tell you they are all sold out of stock, but will take orders for a few more eggs.

As has been predicted by all who were enough on the inside of the fancy to know that the buying season for stock was going to be a good one, the business has more than made good. We are all looking for even better things and cannot help but catch the hum of the fancy as she goes forward still further in the building of the business. Until half the farms of the United States are breeding pure-bred fowls will the business increase, and even then it will still go ahead, for there will be the demand of those who cannot produce the best for something that will still keep their flocks well known. We are optimists and do not care who knows it. The game is bound to increase as long as we keep shows clean and square and the breeders remember that every man who pays even a dollar for a chicken expects to get something better than he has in his own flock.

One Fad Dead

Every fad has its run. This is as true in the poultry fancy as in any game we ever heard of. A few seasons ago we saw scarcely anything but the idealized drawings of pure bred fowls which were said to have been winners at first this show and then that. As Mr. Schwab remarked in the last American Poultry Journal, we are having a revival of good illustrations and we are glad to point out that this journal is having a hand in the work. The fancy is growing. Breeders demand good illustrations in their catalogs and egg mating lists and the artists not having time to draw so many ideal pieces of pen and ink work have been using the camera more and more to get speed into their work so that they could get more of it done. Perhaps unconsciously a few of the artists have been doing more lifelike work since they have come to working more with the camera. For a few years during the founding of the fancy it was to the man who bought the best ideal drawings that the business went, but there came a time when the public grew more educated and today we can all discern a faked picture, the result being that we see but few of them compared to the numbers that once ran rampant.

It might be well to remark in passing that the good illustrations we have seen this winter were not all made during the fall and winter. Our staff artist, L. A. Stahmer, was busy during the whole of the past spring and summer with the work of the up-to-date breeders who were out early with their catalogs. It pays to have neat, artistic work to draw the public eye. The pictures need not be faked in any way. They may be bettered in settings and poses and backgrounds without in any manner giving out the impression that the birds are better than they really are.

When it comes to getting up designs for letter heads and catalog covers Mr. Stahmer has been very fortunate in doing quite original work and the leading breeders who have tried him along this

line all say they are more than pleased. His lettering and designing is something unique along the poultry line. He consults the interests of his clients and in all ways desires to carry out their wishes. We should say that he is one artist who has all along held out for illustrations which depict the birds true to life, never having done anything in the way of ideal work for breeders. There are more artists in the country today calling the camera to aid them than there were five years ago and Mr. Stahmer's fine work along this line was the work that set the pace.

Buying Eggs

The buyer of eggs for hatching builds high hopes of getting his next fall and winter's winners from what he has to purchase at this time of the year. Well, he has a right to build high hopes. There are better breeding birds in the country today than ever before and there are a great many more breeders who understand that if one is to build up a trade that will last he must give his customers a lot of eggs that will hatch winners if they are cared for. The cycle of egg buyers starts in some small village where there is a budding fancier and ends with the breeder who buys eggs higher up. All breeders are egg buyers. It is just as natural for one to buy eggs for hatching as it is to have the hen fever hardest at show time.

The buying of eggs is the easiest way to get the most for your money. It was only last spring that one man bought a setting or two of White Orpington eggs and won the greatest prize this season that could be attained, first prize exhibition pen at the hottest show of Orpingtons of this variety in the world. He was offered a thousand dollars in cold cash for his first prize pen. He received more than his money's worth when he bought that setting of eggs surely! In fact, we do not know of a man who ever paid a good price for a setting of eggs and cared for them well but who received more than his money's worth. Buying eggs is all a matter of what sort of attention you are going to give them after you have purchased and it is as well to remember that price has a lot to do with the quality.

Young Men as Poultrymen

There is no getting around the fact that there is a great future in store for the young men who put time and energy into the poultry business. The field of poultry manager is one that is not overcrowded and as long as the fancy goes ahead in such manner as it has during the past decade there will not be an oversupply of good men to manage poultry farms, both fancy and practical. Young men of no capital can easily acquire a good working knowledge of poultry culture by getting on the best farms of the country. The training on these farms carries with it a prestige that cannot be obtained in any other way.

There are hundreds of opportunities for young men who are willing and energetic to become the partners of good poultrymen if they will but take the time to work into the confidence of those who have the means to work with in business building. Good poultrymen are not easily found. The wages are remunerative and the employment is generally pleasant. Usually the young men who go into the work and decide they do not

40 BREEDING YARDS OF SINGLE COMB BUFF LEGHORNS

The largest Buff breeder in the world. My birds are bred to lay. Ten pullets in 1908 averaged 222½ eggs. Each bird mated in my 40 pens is a show bird and I have over 500 of them that are the pick of over 4,000 raised last year. In 1908 I won most of the ribbons at Hamilton and the great Cincinnati show, and 2 silver cups for best display. In 1909, at Hamilton, 1st cock, 2d and 3d hen, 1st and 2d cockerel, 1st pullet, 1st pen and silver cup for best display. In 1909, Cincinnati, 1st cock, 2d hen, 2d and 3d cockerel, 2d and 4th pullet, 2d pen and special for best colored male in show. The great St. Louis show, 1909, 2d cock, 2d pen, 3d pullet, 5th cockerel. Chicago, 1909, 3d pen; showing at the above three shows at the same time. Dayton, 1910, 1st and 2d hen, 1st and 2d cockerel, 1st and 2d cock, 1st, 2d, 3d and 4th pullet, 1st pen, four club ribbons and silver cup for best display in Mediterranean class. Columbus, 1910, 1st cock, 5th cockerel, 2d pullet, 2d hen, 1st pen. Cleveland, 1910, 3d cock, 5th pullet, 1st pen. Indianapolis, 1910, 2d cockerel, 2d pullet, 4th cock. Toledo, 1910, 1st hen, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st pen. I have over 900 birds for sale and running 17 250-egg incubators and can furnish day-old chicks at \$20 per 100; eggs, \$2 to \$10 per 15, and \$10 per 100. Write me if you want good stock or eggs.

F. S. SMITH, BOX C & D, HAMILTON, OHIO

Shady Lawn Poultry Farm Breeders of

ALL VARIETIES OF WYANDOTTES, BUFF AND BARRED ROCKS, SILVER SPANGLED HAMBURG, BUFF AND BROWN LEGHORNS and leading varieties WATER FOWLS and TURKEYS. Winners at Allentown and Williamsport A. P. A. show. Also won silver cup for best Leghorn at Williamsport. Stock for sale. Eggs from grand matings. Note Judge Schwab's report of my farm and stock. Send for handsome illustrated catalogue. Prices reasonable.

B. F. Kahler, Prop. - Box A - Hughesville, Penna.

Excelsior Strain Rose and Single Comb Reds

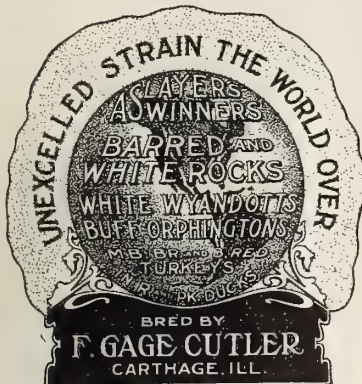
Eggs from our Chicago, Indianapolis, Detroit, Alaska-Yukon Exposition and Illinois State Fair winners. \$4.00 per 15. Send for free mating list.

Excelsior Poultry Yards :: J. I. Blake & Co., Specialists :: Galesburg, Michigan

DILLON & BELL WIN

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio



SPECIAL

STOCK at one-quarter to one-half value to close out surplus quick.

EGGS. We will book two orders in each county at almost half price, as we want to build up new trade.

"A pleased customer is the best advertisement." We have found this to be true and we do everything in our power to please.

We sell a \$1.50 bird for \$1.50, not \$5, like some I have gotten for \$5. We sell a \$3 or \$5 bird for that money and \$10 to \$25.

If not pleased when you deal with us, let us know and we will return money or do something else to please you, so you and your friends will buy of us year after year. Some nice white birds, scoring 94 to 96 points, for sale cheap. Barred Rocks and Buff Orpingtons, nice ones cheap. We have a great bred-to-lay-and-win strain. Individual records above 260 eggs per year. Pen records above 240. Our birds have won at all the leading shows. Catalogue free. Also one W. W. cockerel, score, 95½ at one-quarter value; 2 W. Rock cockerels, 94¼, one-quarter value.

F. Gage Cutler - R. F. D. 13 - Carthage, Ill.



White Wyandottes

NEW YORK AND BOSTON WINNERS—Our birds have won at America's leading shows for the past twelve years and at the late show at Madison Square Garden our birds were again among the winners, capturing fourth and fifth cock, fifth hen and fifth cockerel. We are offering fifty high class breeding cockerels that will put QUALITY into your flock. A few pens and trios at "live and let live" prices.

Our White Rocks

Won at Madison Square Garden in the past, and for 3 consecutive years we have bred first chl. and color special at the Garden, and at Boston, 1910, on three entries we won 1st and 3d chl.; special for best colored male and \$100 challenge cup for champion male. These winnings added to our past record should convince you we have the quality you're looking for. Anyway, you may return them and get your money back if not as represented. Write for prices.

EGGS

From our pens, both varieties, which will contain all of our prize winners, carefully mated to produce more prize winners at \$5 and \$10 per fifteen. We sell you the same eggs we would set ourselves. We satisfied all our customers last year and we will please you. Write us today. Remember, we breed and raise all our winners. Stamp for mating list.

Rockandotte Farm W. R. GRAVES MRS. S. H. GRAVES R. R. 3, Southboro, Mass.

GET EGGS NOW

Humphrey's newest book, "The Golden Egg," will show you how to get eggs all winter, and from 150 to 250 eggs a hen a year. I will give you, FREE, my secret of reducing feeding cost one half and of doubling your poultry income.

Humphrey, White Street Factory, Joliet, Ill.

Where Humphrey's Bone Cutters, Clover Cutters, Brooders and other Poultry Helps are made.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls— Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."

O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago



RATS & MICE EXTERMINATED SCIENTIFICALLY

WITH

Pasteur Vaccine Co. Rat Virus Non-Poisonous—No Odors

The virus is fed to the rodents on bread, grain or other suitable bait. In the course of a few days this creates a contagious and mortal disease that is harmless to all other life. Furnished in two forms.

MOURATUS—Galenin Form, 50 and 75c.

RATITE—Liquid Form, 75c, \$1 and \$1.50.

Write for further particulars and testimonials to

PASTEUR VACCINE CO., Ltd.

Sole Concessionaires of Institut Pasteur,
Paris, Biological Products.

7 Rue Meyerbeer, Paris, France.

New York, 358 West 11th Street.

Address Dept. H, Chicago, 323-325 Dearborn Street.



White Diarrhea

kills its thousands and tens of thousands every year. No flock is absolutely immune. The way to overcome it is by thorough disinfection, cleanliness, proper feed and the use of the right remedy.

Conkey's

White Diarrhea Remedy should be used to treat the sick, and especially as a preventive among the others. It is given in the drinking water—no bother—no work. It is guaranteed to satisfy you or money will be cheerfully refunded.

Price, 50 cents postpaid.

The G. E. Conkey Co.

(26) Manufacturing Chemists

Dept. 18 Cleveland, Ohio, U. S. A.

like it are not temperamentally adapted to the work. One must be something of a fancier to make the best out of it.

A poultryman must have some skill with tools. He must have rare good judgment and this must be bettered as he works with his fowls. For instance, in the matter of caring for chicks in brooders there can not be any set and fast rules for the operation of the brooder or in the feeding. One must be able to rely on his skill in detecting what the chicks need in the way of heat and feed without injuring them. About the average poultry farm there are hundreds of small jobs that must be done by the poultryman. He cannot afford to send for a specialist when he needs a pipe joint mended, when a small building must be remodeled or extended.

Inventive faculty must also be possessed by the chicken man. Not that he must try to improve on machines and things that are good enough and answer their purpose well and good, but to the extent that he may be able to cope with unexpected complications. Regularity of habit is another essential. Hit and miss methods are not conducive to best returns in feeding and other poultry work. These as well as hundreds of other minor qualifications must be in the makeup of every poultryman who would prosper in the business. Young men are coming into the fancy in a great army every year. We need them. They are the material from which we sift the stayers and let the others pass on. Today is the day of the young man in poultry culture as well as other lines.

What's Your Experience?

We have heard a deal about the open front house during the last couple of seasons but have not learned a great deal about the experiences of those who have tried to use them in the colder climates. What we need at the present time is a series of articles which will give us some light on the way the fowls in open front and single muslin-fronted houses have come through the present hard and long winter. This is written about the middle of March. In some sections the spring season is not open as yet and the probabilities are that we will all experience another flurry of snow before the warm weather opens up. Well matured pullets will lay all winter in such manner as they are cared for. We know some breeders who have not had any trouble at all in getting winter eggs, but they have had to keep the male birds from the snapping cold of the early part of the day before putting them out into the breeding pens.

Can there be constructed a muslin fronted house which will not let the cold get so severe that it will freeze the cockerel's combs? Is it well to build double walls and yet put muslin openings in them? How large should the openings be and what shape should be the house? We would like to get up a page or two of facts and figures and shall be glad to hear from our readers on any phase of the subject. Tell us the size of your houses, how they are constructed, of what they are built, how located, outside protection, and give any other details of them.

After all that outburst of frenzied feeling on the part of dear brother Rankin, Kansans should line up behind him and put the state show where it was a few years ago and then a notch or two ahead. He wasted a few good gallons of ink, much excellent sleeping time, pages

of copy paper and allowed the subject to shunt him off the main line and onto a siding—not.

They may be able to keep an expelled member of the A. P. A. from advertising in America, but the foreign press devoted to poultry is taking the money. Can you blame them?

In the last issue of the Illustrated Poultry Record, London, is a full page advertisement of the greatest of women fanciers across the wet. Mrs. Wilkinson, breeder of Barred, Buff and White Rocks, Buff, White and Black Orpingtons, states that she has won ninety-five silver cups, and as she shows a photograph of them there is no doubting Thomas to say her nay.

From what the incubator men tell us there is a great lot of business doing this season. The egg trade opened up a little late, owing to the hard winter weather that we all experienced right up to the middle of March.

If one extreme follows another and the weather-prophets are right, then there will be some dry weather this summer which ought to encourage turkey raisers. Snowfall is practically rainfall, and inasmuch as we get only about so much anyhow, we might naturally look for some open weather at turkey time. We are all praying for something that will not raise the prices of turkey meat about the third week in November.

The baby chick industry is so far along in this country now that a man who issues any sort of advertising at all has to protect himself with the sign: "No baby chicks for sale." It is wonderful what a hold this baby chick industry is gaining.

A poultry breeder without an incubator is like a kiss without a mustache or apple pie without cheese. Early chicks are essential to success in the show room, success in the show room is essential to selling stock and eggs, and to keep up the winnings and hold trade you have to have the early chicks, so there you are again right back where you started. The incubator is the solution to the problem.

The untimely death of R. C. Tuttle is mourned by all who knew him. The ranks of poultrymen are losers whenever such as he are taken from them.

If we do not keep a restraining hand upon him, Reese Hicks will soon be having the hands of the powers on his coat collar. Reese is irrepressible in more ways than one.

The run the general purpose fowls are having at this time is something that even worries the Leghorn and other Mediterranean fanciers out on the Coast. But we need have no fear of the Leghorns or other egg machines being displaced. They are with us to stay and probably will for a long time. We need big, white eggs and lots of them and cannot do without the birds that supply them.

FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free.

COILED SPRING FENCE CO.
Box 82 Winchester, Indiana.

The Lullaby Brooder

Patent applied for

Poultrymen!

THINK what it means to you to go through an entire chicken season without once stopping to think if the temperature is right in your brooders.

And Then Think

That these brooders, doing better work than any on the market, cost one-tenth the price of the old kind.

The "Lullaby" Brooder is the result of a life time study of the habits and whims of chickens, and is the most practical, safe and sure way of raising a dozen, a hundred, a thousand or ten thousand chickens.

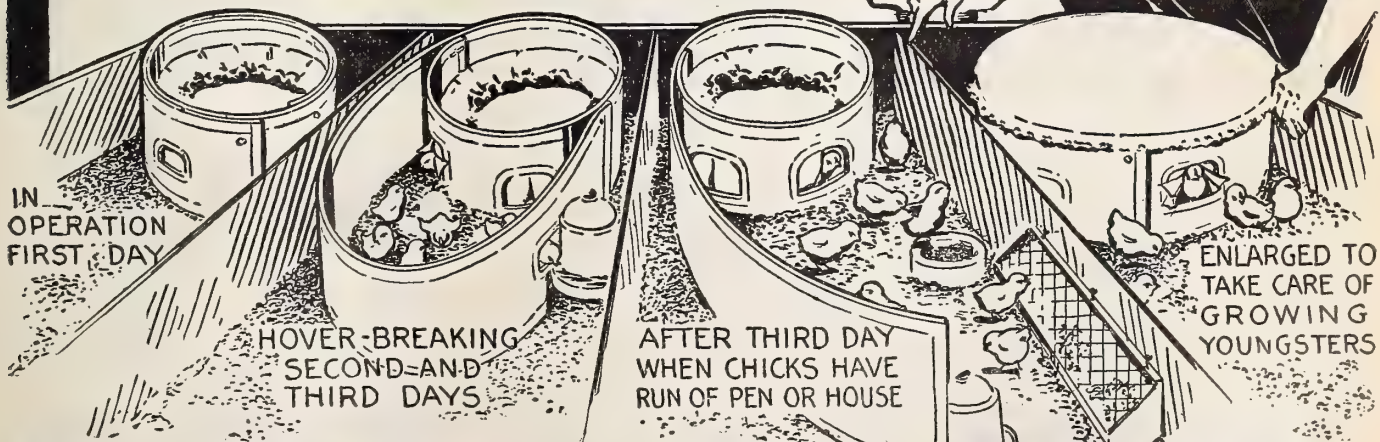
Only \$1.50 Delivered

Try one: Raise a brood of chickens in it, and if you don't say it is the best brooder you ever used, we will refund your money.

Don't hesitate, or delay, and say a good brooder can not be built for \$1.50. Our reputation is at stake. We enjoy the confidence of more poultrymen than any other firm in the business and could not afford to offer you anything but the best.

SEND YOUR ORDER TODAY. You will find it one of the best investments you ever made.

Anyway, you ought to have our "Poultry Almanac for 1910," fully illustrated. We will send it absolutely free for **the name of your poultry supply dealer.** Tells all about this wonderful brooder, gives expert advice on every detail of practical poultry keeping. Write for it today.



The PARK & POLLARD CO.,
 30 Canal St. and 139 Friend St., BOSTON, MASS.

Hints for the Month

Written for American Poultry Journal by Percy W. Cook, Scotch Plains, N. J.

During this month quite a few hens get broody, and if one has good breeders and they want to set, and he wants them to lay, it is naturally a loss to him; so it is very essential to know the best way of breaking up a setting hen and get her laying in as short a time as possible. I have tried all ways and find the following by far the best: Make a coop, or, if one does not want to go to this trouble, a box can be transformed into a broody coop by making the bottom with bars one and a half inches wide and two inches apart; also put slats in front so that the birds can get their heads through to eat and drink out of the troughs, which should be hung on the outside. This coop should be on legs about three feet off the ground, so that plenty of air can get underneath. It is also better to place it in a position where the birds cooped up can see the others running around out in their run. This will make them more anxious to get out, and the uncomfortable position gradually makes them more restless and they will forget about their motherly instincts, feed and water as usual, but do not give any corn, as this is too heating. The coop should be put

in the shade. Some people recommend starving, but I do not, as when one stops feeding a bird the eggs stop growing and it takes quite some time for them to lay again. Nearly all breeds are ready to be put in the pens again after three days and will lay in five days from the time they started in to set. Some duck the birds in cold water and some put them in a pen with a lot of roosters having a perch in the house.

Overfeeding is one of the chief causes of a small egg yield. We often see and handle other people's birds that are so fat and heavy that it is impossible for their egg organs to perform their proper functions, as there is no room, the fat taking up all the important parts of the bird. A bird when over-fat is also more likely to die from broken eggs. Birds should always be hungry enough to be glad to see the feed pail coming. Then another cause for not laying is lice. If a hen or pullet is large enough to lay at this time of the year and its comb is not bright red but pale in color, you may be sure your birds have lice; if so, dust them at once, putting plenty of insect

powder on and around the vent. Never nail the perches, or roosts, as they are often called, as this will tend to harbor red mites, which remain in and around the end of the roost in the daytime, and at night take their fill out of your birds. These in time can undermine a bird's constitution so much that they will cause death. Always have the roost rest in a slot and have the ends where they rest kerosened every month.

Do not have your roosts one higher than the other. This is very pre-adamite, and should a bird have a cold sleeping on a low roost, those sleeping above are liable to contract it by morning.

When a bird is noticed to be running a little at the nostrils, these should be squeezed out. The proper way to do this is to insert the index finger inside the mouth, holding it close to the roof of the mouth, and squeeze down on the nostril with the thumb. Do not squeeze with the thumb without putting the finger in the mouth, otherwise you will be pushing the deposit into the bird's mouth. When a bird has a cold in a pen, put a piece of camphor about the size of a walnut in the drinking water and keep it there. It will usually last about a month before all is dissolved. This will prevent the birds from drinking too much water and also prevent the spreading of the cold.

So much is written about the necessity of grit, that everyone knows or should know that it is a necessity. The want of it will usually cause a stoppage internally. They also get distended gizzards and the husks from the grain get bound together in a mass; this causes diarrhea,

An Old Piano Box and a Prairie State

UNIVERSAL HOVER

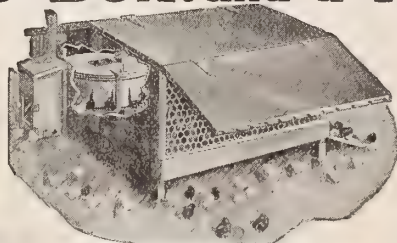
Will Solve Your Rearing Problem

You no doubt consider you are "lucky" if you raise half the chicks you hatch, don't you?

A great many don't do even that well. Hatching chicks is easy—but rearing them is the greatest "draw-back" of poultry raising.

The "10-day-death-loss" is like the thief in the night—it robs you of your profits.

If you could raise practically all the chicks you hatch, think of the jump your profits would take.



Home-Made Piano Box Brooder

We don't claim the **Prairie State Universal Hover** is a 100 per cent brooding device, but we can show you it is 100 per cent and more ahead of any other.

Some of our users even find it a 100 per cent brooder—raising every chick they put into it.

Here's one—read his letter:

Prairie State Incubator Co.

Gentlemen: I have used your Universal Hovers for over four years and have yet to find anything to equal them. I frequently raise every chick.

Yours truly,

Boston, Mass. EDW. N. BARKER

You probably know or have heard of the popular secretary of the American Poultry Association, Mr. S. T. Campbell, of Mansfield, Ohio. This is what he wrote us Jan. 10, 1910:

"I have been using your Universal Hovers for several years with surpassing success. In mid-winter I put 90 chicks in a piano box with a Universal Hover fitted in, and raised 85 of them. I have never been able to equal that with hens or any other brooding device."

And so the good reports come in, indicating from practical experience that you can raise nearly every chick with this ideal hover, even in a dry goods or piano box. Now read this letter from Mr. Edward Corning, of Bound Brook, N. J., who, with his son, made \$12,000 last year.

"After trying your Universal

Hovers we have discarded all others, and intend to use them exclusively, as they give perfect satisfaction."

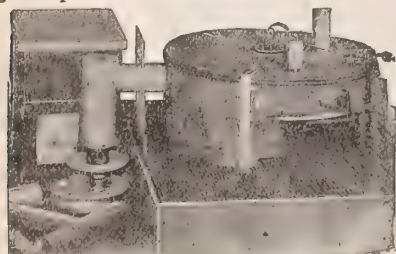
When the man who has made the greatest success ever made in the poultry business "discards all others," and uses Universal Hovers "exclusively," the "proof o' the pudding" is conclusive.

Let us mail you our catalog, fully describing this hover—tells how you can make the best brooder on earth out of an old piano box at very small cost. It also fully describes the **Sand Tray Prairie Incubators**, which hatch more "livable" chicks than any on the market. Find out how and why before you buy any other.

PRAIRIE STATE INCUBATOR CO.
468 Main St., Homer City, Pa.



Colony House with Universal Hover



Universal Hover Detached

WILLIAM COOK & SONS

—ESTABLISHED 1873—

Originators of All the Orpingtons

Box A, Scotch Plains, New Jersey



First Prize S. C. Black Orpington Cockerel, Madison Square, 1910, owned and bred by Wm. Cook & Sons, Scotch Plains, N. J., Originators of all the Orpingtons.

AS USUAL---We won many times more firsts than any Orpington breeder at Madison Square, 1910---thirteen first prizes. In six showings at Madison Square, we have won 103 first and 70 second prizes, more than seven times as many firsts as any other Orpington breeder. These are convincing facts that we have the best in the world and is why we are recognized headquarters for the best Orpingtons, all varieties. Many other winners were sold by us or hatched from our eggs. Over 12,000 first prizes won by us. Sooner or later you will buy from us. Why not now and avoid disappointment and waste of money?

Send 6c for Our Illustrated Catalogue

containing history and origination of all the Orpingtons, valuable hints on poultry keeping and mating list.

EGGS---From our winners and the finest Orpingtons in the world, \$20.00, \$10.00 and \$5.00 a setting.

We guarantee safe delivery and satisfaction on everything we ship and this is backed by a reputation of thirty-seven years' standing, this means something to you. Advice free. Inspection cordially invited. Trains met. Several thousand stock birds always for sale.

Going to Buy

CALDWELL'S BABY CHICKS OF QUALITY



1. Are hatched from the finest utility and the choicest exhibition matings of Fishel's "Best in the World" Strain White Plymouth Rocks, possessing all of these grand blood lines in absolute purity.
2. Are incubated in a coal heated Cyphers Mammoth incubator with no death-dealing lamp fumes to poison the developing embryo.
3. Are carefully packed for shipment, full count and safe arrival is guaranteed.

That Will Mean Money For You Who Purchase, Because

strong, vigorous parent stock of such splendid ancestry, ideal incubation, correct shipping assure you sturdy stocky chicks of great vitality raised with the least effort and

They Mature into the Finest Utility and Exhibition Birds

Eggs for hatching from the same matings. Those wishing their own eggs hatched can have it done at reasonable prices. **White Wyandotte** chicks hatched from eggs bought direct from J. C. Fishel & Son. A number of other varieties can be furnished on order. Send for my handsome catalogue, it's free.

R. C. Caldwell - Box 1021 - Lyndon, Ross County, Ohio

Your Name Will Get \$2 Eggs For 50 Cents Per Sitting

I will sell 2 sittings of full blood Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. Full blood White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or W. Orpington or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting; by the 100, \$7. Large Bronze or White Holland Turkey Eggs, \$3 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs.

100 egg Old Trusty Incubator, and 100 Chick Brooder delivered at your R. R. station, both for \$14 each of the Rocky Mountains. This is a rare chance to get a start of extra fine stock and a good Incubator. Send Post Office order on St. Louis and have your orders booked early.

W. F. CHAMBERLAIN, (The Perfect Chick Feed Man)
KIRKWOOD, St. Louis County, MO.

Our House was Whitewashed with DEMING SPRAYER

You can't have a healthy flock unless you give it a clean, louse- and mite-free house to live in; the best way to keep it fresh and sweet is to whitewash it frequently.

-Deming Spray Pumps make whitewashing easy. They are endorsed by U. R. Fishel and scores of others. Use same outfit on your orchard and garden and increase the crops many times over. Catalogue free. Pumps for all uses. Leading dealers sell them.

The Deming Company
737 Depot St., Salem, Ohio

DAVIS FOUNTS LIFE SAVERS

For young chicks. Keeps constant supply of clean, fresh water. Easily cleaned and filled. Best chick server made for either water or grit, grain, oyster shells, etc. Holds any size or shape ordinary glass bottle or can. Price 25c each; \$2.70 a dozen; postage 15c extra. Brooder size holds pint Mason fruit jar, 25c each; \$3.25 a doz.; postage 10c each extra. No bottles or cans included. Catalogue FREE.
THE KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 502 Battle Creek, Mich.

The World's Champion Incubator 648 PRIZES

Since 1882 Reliable Incubators and Brooders have taken 648 prizes at World's Fairs, State and County Fairs and other contests. No other incubator has such a record. You ought to see our 1910 models, the result of our 28 years of experience. You have never seen a stronger, handsomer machine for the money. Made by the House of Quality.

FREE Write postal today for our big book— all about incubators and poultry raising. Don't send any money—just ask for book.

Reliable Incubator & Brooder Co.
Box 61, Quincy, Ill. (3)

RELIABLE Incubators and Brooders

RHODE ISLAND REDS YIELD BIG PROFITS



Many a farmer has made a big dent in his mortgage by the help of Rhode Island Reds. Walter Sherman's new book tells you all about these wonderful fowls—how easy they are to take care of, how fine they are for table use, what prolific layers they are—even tells you how to take care of them when sick. Every poultryman should have it.

The pictures in the book are true to life—each from a photograph made at Mr. Sherman's place. Two of them, by the new French color photography, show the birds in their natural plumage—so real that you almost expect them to move.

How to Get this Valuable Book Free

Send me 20 cents—to help pay the cost of the book. Fifty cents would be a low price for it. With each book is given a rebate coupon worth 20 cents on your first order for two sittings of eggs. Send for the book today.

WALTER SHERMAN, Citizen's Farm, Newport, R.I.

which can usually be cured with two teaspoonfuls of salad oil or any similar oil.

When a fowl does not digest its food properly it becomes very thirsty, and when it puts its head down to eat, water will run out of its mouth. When this is seen the bird should be caught, held head down and the crop gently squeezed, then all the water will be ejected. Give two teaspoonfuls of sweet oil; this relieves the inflammation which always accompanies stoppage.

At this time of the year a hen sometimes becomes egg-bound, and if one knows the right treatment, it is a simple thing to save the bird. Hold the fowl over some boiling water, so that the steam will reach the vent. This causes the muscles to relax and the bird will usually soon expel the egg. It is also well to insert a little sweet oil up the vent. If this is not successful one must insert the finger and usually the egg can be felt. Sometimes it is lying crossways and is easily turned by one's finger.

When birds are laying, they should be handled carefully, as it is an easy thing to break the eggs inside of the bird. Then there is usually a case of a burial.

When fowls die suddenly, one is sometimes liable to think it is some epidemic. It is well to look at the vent, and if any of the substance of an egg is seen there one may be sure the bird died from broken eggs before death. When caused by this the bird's comb turns a dark purple, almost black.

It is impossible to select your winners at a month old. One must wait until four or five months old before being able to cull properly, as the birds have chick feathers up to this time.

Epsom salts are good, if given about once in three weeks, from now on. This is best given in a hot mash, dissolve them in the water that the mash is mixed with.

When receiving birds from a long trip, do not water first; give feed first, then water. When shipping birds, do not put in a drinking cup, as it is unnecessary, and when the water is put in it will be spilled all over the litter on the floor of the coop, and make it very uncomfortable for the birds and is liable to cause rheumatism. A chicken can be raised successfully without ever touching a drop of water.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

Hedges' Pedigreed White Rocks

Winners and layers. Won at Pana Poultry Show, January, 1909, 4 firsts, 4 seconds, 2 thirds, 2 fourths, also six specials. Egg records to 272, as shown by the trap-nest. Four good cockerels from fine layers at \$5.00 each. Eggs for hatching at \$3.00, \$5.00, \$10.00 per 15. Mating list free.

Miss Alice M. Hedges - Box A, Pana, Illinois



LAKENVELDERS BELTED POULTRY

The best layers and the most beautiful fowl in the world. Send 2c stamp for circular, describing stock and giving list of winners. Eggs and stock for sale.

Ralph C. Greene Sayville, L. I., N. Y.

Minorcas

We have excellent size, shape and color. Send for fine catalogue of breeding pens.

MINORCA RANGE

ROUTE 2

BIG RAPIDS, MICHIGAN



ROYAL BLUE

Was the Champion Sweepstakes Barred Rock Cockerel at the great New York Show, 1909. His sons have been winners at all the big shows this season. "Boston Blue" was the Champion Sweepstakes Cockerel and Lawson Cup winner at Boston, 1909. I have 60 High-Class Breeding Cockerels sired by these two Champions at \$10, \$15 and \$25 each. If you would breed Champions, you must have Champion blood.

A. C. Hawkins, Lancaster, Mass.

Ad on Back Cover

"HILLSON'S BAR-LETS"

Hold the World's Record at Buffalo, 1909. Four (4) first prizes: 1st cockerel, 1st, 2d hens, 1st, 4th pullets, 1st exhibition yard. My 1st cockerel champion of Buffalo was the center of attraction, being admired by thousands of visitors, and claimed by all Barred Rock men to be the finest specimen produced to date. Only high class birds and eggs for sale. No cheap stock. Matings for 1910 are unsurpassed. A limited number of eggs at \$5.00 per setting straight. Grand circular.

GEO. W. HILLSON, HYDE PARK, NEW YORK
POULTRY DEPT VANDERBILT ESTATE



THE ONLY HARDWOOD INCUBATOR

WORLD'S BEST HATCHER



**STANDARD MODEL
INCUBATOR**
World's Best Hatcher
(Guaranteed)

THE MODEL INCUBATOR is known throughout the world as the "Incubator of Quality." In addition to being the only incubator that is built of Hardwood—possessing a superior furniture finish (more costly, more lasting, better appearing than any soft-wood machine *could* be), it is also known as the Best Hatcher in all climates. Here are extracts,—one North—one South—selected from the many we get which prove this claim:

NORTH DAKOTA AGRICULTURAL COLLEGE:

"Our hatches from this machine have been uniformly good."

GEORGIA STATE AGRICULTURAL COLLEGE:

"The Model Incubator has given us eminent satisfaction. I heartily recommend it to our students as a reliable machine, with a perfect ventilating system and a splendid regulator. I can easily hold the temperature in the egg chamber within one or two degrees in an unheated room. The chicks hatched with the "Model" are vigorous and healthy."

So Assured are we of the superiority of our Standard Model Incubator that we readily

Undertake To Send Your Money Back

if it does not come up to the description in our catalogue. It stands to reason that a Hardwood furniture-finished machine is as far superior to one made of pine as your parlor table is superior to your kitchen table. One withstands atmospheric changes; the other is liable to swell, and shrink, and warp. Year after year our Hardwood Standard Model has proven itself in advance of all others—thoroughly dependable at all seasons, combining in the highest degree **STRENGTH, DURABILITY, FINISH and HATCHABILITY.**

Write for our **FREE** Catalogue and read our **GUARANTEE.** Let us refer you also to our

MIDDLE-PRICE INCUBATORS AND BROODERS

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ROBERT H. ESSEX



The show held at Pittsburg, also known as the "Smoky City," under auspices of the Pittsburg Fanciers' Club, of which G. W. Moore is president, G. G. Sutch secretary, and J. M. Skiles superintendent, was a grand success in every way. Some 1,500 head of poultry were on exhibition, and the hall was crowded to its utmost capacity, the birds having to be double decked in order to take care of them.

It must be remembered that Pennsylvania is one of the largest poultry states, and it was here that many of the breeders, after competing in the other shows throughout the country, came to compete against each other and try out their birds to decide who were the final champions.

The Pittsburg show is always held the week of Washington's birthday, and is the last show of the season. The people in Pittsburg certainly appreciate a poultry show and the attendance was extremely good. The weather was fine throughout the week and we understand some 1,100 people attended the show during the week.

The White Rock class was largely and

well represented, and at a meeting of the White Rock fanciers during the Pittsburg show it was decided to form a club to be known as the Western Pennsylvania White Plymouth Rock Club, and the following officers were elected: George Hildebrand, Beaver, Pa., president, and L. J. Moss, secretary and treasurer, P. O. Box 1515, Pittsburg, Pa. The object of the club is to place White Plymouth Rocks in the foremost ranks of the poultry world, and for this purpose special inducements will be offered to the breeders at as many shows as possible. The club hopes to secure every White Rock breeder in the United States and Canada as a member. For particulars you should write to the secretary, Mr. Moss, who will be glad to furnish full information.

As usual, the Rhode Island Red class was one of the largest in the show room and was the class which attracted the most attention from the public who attended the show.

The coveted prizes from both the Rose and Single Comb classes were pretty evenly divided between the Oak Nest Poultry Farm, Charles Shields, proprie-

tor, Hookstown, Beaver county, Pennsylvania, and Craig & Mapes, Mt. Lebanon, Pa.

Mr. Shields exhibited one of the finest Rose Comb Rhode Island Red cockerels it has been our pleasure to see this year. The bird was ideal in both type and color, although slightly immature, as he was yet quite young. However, he easily won first, although there were several other good specimens shown. Mr. Shields' exhibit showed fine quality throughout and he succeeded in winning the following premiums in Rose Combs: 1st; 3d cockerel; 2d cock; 4th pullet; 3d and 4th pens; diploma for the best cockerel in the class; silver cup for best display, and six special prizes, including best color and shaped male. In Single Comb Reds he won 1st; 4th and 5th hen, 2d and 4th cock, 2d cockerel, 2d and 4th pullet, 1st and 5th pen, and a silver cup for best display, and three other special prizes.

Craig & Mapes, Mt. Lebanon, Pa., also had a very fine exhibit of Rhode Island Reds, and we must say that we consider the class of Rhode Island Reds shown at Pittsburg to be fully equal to any class shown at any of the largest shows of the season. The quality of birds exhibited by Messrs. Craig & Mapes is certainly a credit to any breeder, and they won second Rose Comb cockerel on a large, even-colored bird that would win first in most any class of Reds. Their first prize pullet was also a fine specimen, being a rich red with a fine ticked hackel. Their winnings in detail are as follows:

In Rose Comb Reds: 5th cock, 3d and 5th hen, 2d cockerel, 1st pullet and 2d pen. In Single Comb Rhode Island they

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REDS

SINGLE COMB. My best pen contains Madison Square Garden and other winners. Eggs, \$5 per 15. Second pen headed by cockerel winning at Philadelphia and Norristown, Pa., mated to select females, \$3; other matings, \$2. My birds have superb shape and color. Breeding cockerels, \$5 and \$10. Baby chicks, \$15, \$25.00 and \$40.00 per 100. Write me. I can please you.

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Clemans' Columbian Plymouth Rocks

Won every first on single birds and pen and silver cup for display at the Great Chicago show, Dec., 1909. Following great males head 1910 pens: Pen 1, cock first Chicago. Pen 2, cock first Madison Square and Buffalo and heading first pen Chicago. Pen 3, cockerel first Chicago. Pen 4, cockerel 2d Chicago. Pen 5, cock 2d Chicago. All above males are the big boned real Rock type and great color. All the Chicago winning females and others as good in these pens. Eggs from above, \$5 per 15, \$15 per 50. From other good pens, \$3 per 15, \$5 per 30.

BLACK WYANDOTTES. My original prize strain, acknowledged by authorities the original Black Wyandottes. Eggs from great pens, \$4 per 15, \$7 per 30. Birds for sale. Circulars.

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Of White Wyandottes have won at such shows as Cleveland, Cincinnati, Chicago, St. Louis, San Antonio, World's Fair at St. Louis, Alaska-Yukon Exposition, Springfield, Nashville, Memphis, Indianapolis time after time, and in fact in all the leading shows of the country.

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\$5.00 Per Sitting of Fifteen

If this catches your eye and you will spend a day with us at Fisheldotte you will see more Wyandottes near to perfection than you could possibly see anywhere else. The White Wyandottes are progressing and getting more popular every day, and we are keeping up with their progress. If it is impossible for you to come and see us send us a dime today for

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No.	Size	Per Doz.
1 doz., 1 sitting.		\$1.25
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Rippley Knocked Down Anderson Egg Box.		
No.	Size	Per Doz.
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50 egg size.		2.50
100 " "		4.00

Rippley's Day-Old Chick Shipping Boxes.

No.	Size	Per Doz.
100 Chicks.	24 x 12 x 5.	\$2.50

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50 Chicks.	12 x 12 x 5.	\$1.50
25 " "	12 x 6 x 5.	1.25

We manufacture All-galvanized-steel Brood Coops, Fireless Brooders, Feed Cookers, Brooder-house Heaters, White-washers, Sprayers, Spraying Solutions, Lice Killers, Bone Grinders, Steel Carts, etc. Catalogue free.

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won 3d cock, 2d and 3d hen, 1st cockerel and 3d pen.

In S. C. Reds, Craig & Mapes won 3d cock, 2d and 3d hen, 1st cockerel and 2d pen.

The Silver and Golden Wyandotte classes were both large and a good quality was shown in each class. In the Silver Wyandotte class, J. N. Hazlet, Tarrantum, Pa., won 1st cock, 1st and 2d cockerel and 3d pullet. Another winner in this class was Wm. J. Fox, Cabot, Pa., Rural Route 17, who won 2d cock, 1st hen, 3d cockerel and 4th pullet on some very nice specimens of Silver Wyandottes.

In the Golden Wyandotte class, R. A. Poole, Butler, Pa., was an important winner.

The White Orpington class was large, containing many fine specimens, and in this class Lawrence Jackson, Hayesville, Pa., showed some fine specimens on which he has been winning in all the important shows throughout the country, and at Pittsburg he succeeded in capturing 1st cock, 1st hen, 1st cockerel, 3d pullet and 1st pen. He also won a fine silver spoon as a special prize.

In the Buff Orpington class we also



found birds of specially fine quality, and the premiums went as follows: Craig & Mapes, Mt. Lebanon, Pa., 1st on cock, 1st hen, 3d cockerel and 3d pullet. The Seaman Farm, Unity, Pa., J. L. Seaman, Jr., proprietor, Samuel H. Jeffries, manager, also exhibited some very fine specimens in this class, and won 2d hen, 1st cockerel, 1st and 4th pullet and 1st and 2d pen, winning six prizes on six entries.

In the Rose Comb Black Minorca class, Harry Johnson, East Liverpool, O., won 2d cock, 3d hen and 1st pen; and Repp & Aires, Laurel, Md., won 1st hen and 5th cockerel.

Joseph Hillsdorfer did not enter any Minorcas for competition, but had on exhibition an extremely fine pen of Single Comb Black Minorcas which was artistically decorated, and received much admiration.

In the Houdan class, J. N. Hazlet, Tarrantum, Pa., won two prizes, a second and third. Mr. Hazlet also exhibited a string of the finest Cornish Indian Games it has ever been our pleasure to see, and on sixteen entries in this class, in good competition, he won fourteen prizes, as follows: 1st, 3d and 4th cock; 1st, 3d and 4th hen; 1st, 2d and 4th cockerel; 1st, 2d and 5th pullet; and 1st and 2d pen. The first prize cock was a

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offer for this season only, our No. 1 quality eggs at \$3 per fifteen. We will more than please you. Mention American Poultry Journal when writing.

IMPORTED ORPINGTON YARDS**- - - JOE COLEMAN, MANAGER****- - - LEXINGTON, OHIO****Single and Rose Comb Reds**

WINNERS AT YOUNGSTOWN AND CLEVELAND. At the late Cleveland show, on Rose and Single Combs, I won 6 firsts, 4 thirds, 2 fourths, 2 fifths, A. P. A. silver medal for best ckl. in Asiatic, Am., Med. and Eng. classes. From my best pen, containing my choicest prize winners, eggs are \$10 and \$15 per setting; other good pens, \$3 and \$5. Stock yet for sale. **White Orpingtons:** At Cleveland I won 1 ckl., 3 pens. Eggs from these winners, \$10 and \$15. Order now.

W. Etzensperger**- - - Willoughby, Ohio****SPRUCE ROW
BARRED
ROCKS****The Champions of Canada.....**

make a record at the great Buffalo International Show, 1910, by winning 3d cock, 2d hen, 1st cockerel, 3d and 5th pullets, 2d pen, championship special for best male in class, best colored male, 2 silver cups, etc. Won at Guelph, Dec., 1909, 2d and 5th cocks, 2d, 3d, 6th and 10th hens, 1st, 2d, 4th and 9th cockerels, 2d, 5th, 7th and 8th pullets, the Dawson special and 18 other special prizes. Your wants have my special care. Mention American Poultry Journal when writing.

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Having purchased the entire flock of these famous birds, with the good will, from Mr. Mitchell, I am in a position to offer exceptional opportunities to those wishing to buy, as I have a few fine birds that I am willing to dispose of. Also eggs from the prize matings which Mr. Mitchell has made for this season. Those desiring further information address

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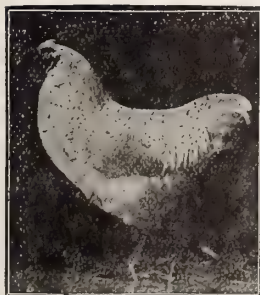
We won again at the great Cleveland Show, 1, 3 cocks; 1, 2, 3, 4, 5 hens; 1 ckl.; 2, 3, 4 pens and 2 silver cups. Our Buffs have won at Cleveland for years, and this last victory, in competition with the best in the country, should convince you we have the highest quality in Buff Orpingtons and know how to reproduce them.

Eggs: From our extra choice pens, \$10 per setting; from other grand matings at \$3 and \$5 per setting. Mating list free. Write today, mention American Poultry Journal.

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Have won highest honors at Boston, Chicago, Detroit, Indianapolis, Toledo, etc. They made a **clean sweep** of all first prizes at Sherwood in 1903, Detroit S. Show in 1905, Grand Rapids in 1906, Toledo in 1907, Detroit S. Show in 1909. They are acknowledged to be one of the best strains of White Plymouth Rocks.

My breeding pens never contained such uniformly high grade stock as they do today. My new mating list, originally illustrated, tells all about them. This, and my regular 36-page



illustrated catalogue containing useful information, list of winnings, etc., etc., free, if you send two 2c stamps to cover cost of mailing. If you want to hatch your winners for next season, do not overlook me when placing your orders for eggs. I have the stock, the experience and the desire to do the right thing by my customers, and would appreciate the opportunity to show you.

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50 Big, Pure White Cockerels and 200 Females that will breed winners. I furnish the winners at the largest shows. For quality in White Rocks, write

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wonderfully large, strong and vigorous specimen, being a marvel of perfection in both type and color. The first prize hen closely followed him, being nearly, if not quite, his equal in perfection, and the first prize cockerel was also a wonder in his class. Mr. Hazlet was particularly fortunate in this show, entering in all twenty-six birds and winning twenty prizes.

The Ancona exhibit was a large class of birds of good quality, and the Minnehaha Poultry Farm, Bannock, O., W. P. McNary, owner, succeeded in winning 1st and 2d cockerel and 1st and 3d pullet on some very fine birds.

White Wyandottes were also a good class, in which Geo. M. Klein, Downers Grove, Ill., won 1st and 2d on cock, 3d cockerel and first pullet.

Geo. B. Ferris, Grand Rapids, Mich., exhibited a very fine pen of Single Comb White Leghorns, which were easily first-prize winners in this class.

The Bantam class was very large and well filled in all classes. Frederick G. Davis, Ben Avon, Pittsburg, Pa., had on exhibition a fine display, replete with quality throughout, and won as follows: In Buff Cochins Bantams, 1st cock, 2d hen and 1st cockerel; in Black Cochins Bantams, 1st cock, 1st hen, 1st cockerel and 1st pullet; in Silver Seabrights, 1st cock and 1st hen; in Golden Seabrights, 3d cock and 5th hen; in Black Rose Comb Bantams, 1st cock, 3d hen, 4th cockerel and 2d pullet. This is a fine record for Mr. Davis.

The exhibit of the Weldon Fireless Poultry Fountain and Feeder, manufactured by the Andrew Iron & Wire Works, Rockford, Ill., was in charge of John C. Plain, and ably demonstrated by him. Many were the complimentary remarks passed concerning this fountain and feeder, and a large number of poultry men placed their orders for them during the show.

WATERFORD, WIS., FIRST ANNUAL SHOW.

Mr. Halbach, the well known White Rock breeder, was one of the chief promoters of the Waterford Poultry & Pet Stock Association, and through the efforts of this pioneer in the poultry business, supplemented by the loyal support of his neighbors, friends and old customers, it promises to be a permanent organization, one that will redound to the immediate benefit of every farmer and poultry raiser in this section. The business men contributed generously to the support of the exhibition to the end that admission was free and the affair in a sense a local holiday.

The show was held two days and each day the aisles were crowded to capacity with an eager, interested throng. Following is a detailed description of the exhibit according to classes:

Barred Plymouth Rocks.—The largest class in the show and the quality was above the average. The first cockerel was an easy winner, had the ideal Rock shape and excellent color, and would be an easy winner in many of the larger shows. The second was close to first. The third was a trifle off on shape but color good. First pullet was an easy winner and possessed both good shape and color. Second and third well placed. First hen was a typical Rock, second a crackerjack, while third was close to second.

White Plymouth Rocks.—These were extra good birds, but Mr. Halbach, with his usual fairness and magnanimity, en-

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Single Comb Buff

Eggs for hatching from four pens, \$2 for 15; \$6 for 50. A few good breeding cockerels, \$5 each. Send for mating list.

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this month and we will make you the special half price on the brooder. The Sure Hatch Incubator hatches all the fertile eggs and gives you strong, healthy chicks, that you can raise without trouble in this brooder.

This brooder is not a poorly constructed, ramshackle affair, but a well made, substantial machine that will raise the chicks entrusted to it.

The Sure Hatch Incubator is guaranteed perfect in construction and to contain only the best materials. If any defects develop in use, we will return your money. We allow you 60 days free trial.

We send a \$1,000,000 surety bond, issued by the Bankers Surety Co., of Cleveland, O., with every Sure Hatch Incubator. This bond absolutely protects you, for it places the immense resources of the Surety Company back of our guarantee.

This Special Offer is good only a short time, so do not delay sending in your order.

Write for free catalog that tells all about the Bonded Sure Hatch Machines. We pay the freight.

Sure Hatch Incubator Co.

Box 6
Fremont,
Nebr.



BUY THE

60 DAYS FREE TRIAL

SURE HATCH INCUBATOR AND GET THIS BROODER AT HALF PRICE

**Single Comb
Rhode Island REDS**

**SHAPED, COLORED,
MARKED and PRICED RIGHT**

Hopedale Farm Poul. Yards, R. M. Stafford, Prop., Chardon, Ohio

Healthy, free range stock. Eggs from choice matings. Satisfaction goes with every sale. We are at your service; write us.



Reynolds' S. C. White Leghorns

At the Mid-West Branch American Poultry Association meeting held at Cedar Rapids, January, 1910, won 1st and 2d pen; 1st ten; 1, 2, 3, 5 pullet; 2, 3, 5 hen; 2, 4, 5 ckl.; 2, 4 cock; silver medal best ckl. belonging to member A. P. A.; special for best cock, cockerel, hen and pullet; silver cup for best display. **Eggs, setting of 15:** 1st pen, \$10; 2d and 3d pens, \$5; 4, 5, 6, 7 pens, \$3; special mating for color, \$10.

E. M. Reynolds, 119 1st St., Cedar Rapids, Iowa



Spaugh's Result II. 1st cockerel Springfield and Indiana State Fairs, 1909.

You Get The Benefit

of years experience in breeding Barred Plymouth Rocks when you buy eggs or stock of me. That I have this experience is easily proven by my winnings of first prizes at the different shows, as well as the prizes won by my customers.

START RIGHT and let me sell you a setting or two of eggs. I know you will be satisfied with the result. I have mated 12 pens and will sell my

Best Eggs \$5 per Fifteen

My system of mating produces prize winners. Every pen is mated with this object in view. Send for my mating list. My Plymouth Rocks fit the Standard.

Am making a special price on a few extra good cockerels. Just the thing for improving your flock. Write quick.

My New Barred Rock Booklet

Now ready. It gives you much valuable information on Barred Rocks. It is handsomely illustrated and I only ask you to send one dime to help pay cost of same. Send for it today.

C. E. Spaugh, Box T, Rugby, Indiana

Norwich Automatic Exerciser and Feeder

THIS is a real Automatic Poultry Exerciser and Feeder. It is simple in construction, will never get out of repair and will last a lifetime. It will feed any kind of grain or mixed grain. Used outside in summer, indoors in winter.

Rain, Rat and Sparrow Proof. Chickens five weeks' old and older can feed themselves just enough, and not a grain will be wasted. Saves feed and increases eggs and growth of chicks. The old-fashioned, wasteful way of throwing high-priced grain on the ground or in the litter, to be soaked with sudden rain or eaten by sparrows or rats, is now obsolete with all modern poultry people. Saves its cost in feed and labor six times a year. You cannot afford to waste feed another day.

It Stops the Leak that is Preventing You From Making a Fair Profit

To save time, send us the price of the size you want and we will ship on 30 days' trial. If not entirely satisfied return and we will promptly refund your money and charges both ways. We take all the chances of satisfying you.

8-quart, suitable for about 12 chickens, \$2.50
14-quart, suitable for about 20 chickens, 3.25
20-quart, suitable for about 30 chickens, 4.10
32-quart, suitable for about 50 chickens, 5.00

Free circular if desired, but better order a feeder at once, and if not fully satisfied return it within 30 days and get your money back. Thousands in use, and every user delighted. We will also mail either our Barred Plymouth Rock catalogue or our Light Brahma catalogue for ten cents each. State which variety you want and enclose ten cents in silver or stamps. Send for a feeder today. Do not waste your time and money with untried, so-called automatic feeders, but order one of ours at once. More than 10,000 now in actual use in all parts of the United States.

River Home Poultry Yards

BOX B : : : PERRYSBURG, OHIO





EGGS BUFF ORPINGTONS EGGS

Willard's big Buffs get there. They always win. Madison Square Garden, New York, Boston, Chicago, St. Louis, State Fair, Detroit, etc. We've uniform type, great size, exhibition color, solid wings, nice combs and red eyes, heavy layers. Stock for sale. 15 grand matings. Eggs \$1.50 to \$20.00 per fifteen. Our customers win and make money everywhere. We make good. Twenty page catalogue. Eight fine pictures free. Write for it today.

John O. Willard : Vice-President of the National S. C. Buff Orpington Club : Linden, Mich.

Rausch's Barred Rocks

won at the great St. Louis show, held in Nov., 1908, 1st and 2d cock, 2d hen, 3d cockerel, 2d pullet, in a large competition. At the Centennial show, held in St. Charles, Mo., Oct., 1909, I won 1st cock, 1st and 2d hen, 1st and 2d chl., 1st, 2d and 3d pullet, in a large competition. Egg orders booked now, \$3 per 15. Also Italian Bees.

LOUIS RAUSCH, CREVE COEUR, MISSOURI

JONES' WHITE ORPINGTONS

WON AT ST. LOUIS

At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female.

J. W. JONES - - BROOKFIELD, MO.

RUSSELL FARM WH. WYANDOTTES

WINNERS AT GUELPH, TORONTO, BOSTON AND OTTAWA

This season at above shows they won seven first prizes out of a possible 16 competed for in the best and largest classes ever seen with over 700 birds competing as follows, at

GUELPH—Canada's Great Winter Fair: 1st and 3d cock; 2d, 3d and 4th hen and best collection. **TORONTO**—1st, 4th and 5th cock; 1st, 2d and 5th hen; 4th, 5th and 6th cockerel; 1st and 2nd pullet and specials. **BOSTON, MASS.**—5th cock and 4th cockerel. **OTTAWA**—Eastern Ontario: 2d, 3d and 5th cock; 1st, 2d and 5th hen; 1st, 2d, 3d and 5th cockerel; 1st, 3d 4th and 5th pullet.

Our pens are mated and contain all above winners, those of last year and our choicest reserved breeders of two years, including the first prize cock at Boston, 1910, and the second prize cockerel at New York, 1910.

FOR SALE: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write me your wants.

JOSEPH RUSSELL, PROPRIETOR, 1308 QUEEN STREET EAST, TORONTO, ONTARIO

Truckenbrod's Standard Barred Rocks



Teddy V, Our Second Prize Cockerel Chicago Show, 1908
Bred and owned by us.

are world's best, famous prize winners. Made a world's record at great Chicago show by winning 1st, 2d, 3d, 4th and 5th prizes on males the last three years, more prizes on cockerels than all competitors combined. We have for sale 15 fine, Standard weight, pure Latham pullet bred cockerels and 20 fine, Standard weight, pure Bradley Bros. pullet bred cockerels at \$3, \$4 and \$5 each. Every one is a fine individual. Also have for sale 50 fine, Standard weight cockerel bred cockerels, pure Bradley Bros. & Teddy line bred, best in United States, at \$3, \$4 and \$5 each. All of these will make good breeders and winning cock birds for next year's shows. Fifty fine cockerel bred pullets for sale at \$3 each; pairs, trios and pens mated for breeding at \$7, \$10 and \$15. Our birds will please you. Satisfaction guaranteed. Write us for free circular showing our Chicago winners from life. Eggs from best matings only \$5 per 13, \$9 per 26.

Standard Rock Farm
TRUCKENBROD BROS., MENDOTA, ILL.

tered none in competition, but had a fine exhibit showing several coops, including the prize winners at Chicago. The crowds were continually admiring this splendid display.

Buff Plymouth Rocks.—Quality very good, especially the first cock, a bird which would be entitled to a place in any prize show.

White Wyandottes.—Next to the Barred Rocks this was the largest class and the quality was real good throughout. First and second cockerels were gems, while the third was an easy winner. First cock was considered the best bird in the Wyandotte class and would have graced a much larger show. He was pronounced excellent.

Buff Wyandottes.—Not many birds shown but quality excellent.

Silver Laced Wyandottes.—A small class and quality of the same order.

Rose Comb Rhode Island Reds.—These were represented by a small class, but the quality was good throughout.

Buff Leghorns.—These were simply grand and one seldom sees better or even as good quality at the larger shows.

White Faced Black Spanish.—These were represented by a small class, but the judge pronounced them as good as he had seen at the shows this winter.

Bantams.—In these classes there was a good entry with many splendid specimens. A coop of African Geese attracted much attention, as many had never seen this particular breed before.

BIOGRAPHY OF P. A. COOK, OF THE WELL KNOWN FIRM OF WM. COOK & SONS, ORIGINATORS OF ALL ORPINGTONS; SCOTCH PLAINS, N. J.

P. A. Cook was born at Orpington, Kent, England, in 1882. Joined the English navy at the age of thirteen as a naval cadet, later being made midshipman and sub-lieutenant. He later served fourteen months in the Boer war in South Africa, being engaged in some seventeen battles, in one of which he was wounded in the head, and was on an armed transport which caught fire and was wrecked off the coast of Africa. After his return from Africa he resigned from the services with a good record. He tendered his resignation because he could not get sent to China to fight in the Boxer trouble.

Mr. Cook enjoys all kinds of sport and was captain of the football eleven on board his ship. He is also a great hunter, and at one time spent over three months in Central Africa, bagging large game, where he had many exciting experiences and a unique trip in that he only took one Zulu, and no provisions, depending entirely on his spoils for his sustenance. He had only one chart, which was not much good. The compass was his main guide, which was used all the time on this trip. Mr. Cook bagged two lions, fourteen leopards, thirteen hyenas, about the same number of jackals, eighty-four bucks of many different species, numerous wild-cats, and many other animals.

In one experience which he had with a leopard, which came near costing him his life, Mr. Cook says he was walking in the dry bed of a stream about 10 p. m. when he saw a leopard's head at the top of the bank. He quickly fired at him with a shotgun loaded with buckshot, but fired too low. Before he had time for another shot the leopard had sprung upon him, and he was thrown to the ground; pulling his revolver, he put

two bullets through him while the leopard was doing his best to kill him. With the second shot the leopard stretched out dead on top of Mr. Cook. Upon examination he found that he was bitten and torn in several places. The most serious damage was done to his right knee, on which he still carries the scars of this encounter. Mr. Cook cared for his own wounds, using for the purpose permanganate of potash and water out of his water bottle. While he was thus wounded he managed to skin the leopard and make his way back to camp. His clothes were all torn and covered with blood, and upon his arrival at camp his Zulu boy was much alarmed, as he thought Mr. Cook would surely die from his wounds. This leopard skin is valued very highly by Mr. Cook and now adorns his dining room at Scotch Plains. Among some of the instances of Mr. Cook's life has been the shooting of snakes, some of which measured up to twenty feet in length. One of these which was shot on one of his farms in South Africa had succeeded in swallow-



PERCY A. COOK

ing four full-grown ducks. Mr. Cook informs us that he no longer has the desire to kill; that he now prefers to see these animals alive, which the reader can readily believe, as he is going to so much trouble and expense in order to stock his private zoo.

Mr. Cook is also an expert yachtsman and has participated in a large number of yacht races, being three times in the New York-Bermuda yacht races. He has owned several yachts and fifteen automobiles. Three years ago he participated in many automobile races, being very successful at this sport. Mr. Cook never participates in any sport for gain or a money consideration. He has had to give up automobile racing, as it took up too much of his time.

Mr. Cook is also interested in flying machines, and as far back as 1901 he built a glider of his own make, which he flew from the top of a building some sixty feet high, in a strong wind, which lifted the machine still higher for a time and then assisted it to go down much faster—the result being a broken arm for Mr. Cook and a smashed machine. The next experience with a flying machine was in 1909, when he built another one, having a thirty-horsepower engine.

EGGS **Columbian Wyandottes** EGGS

Hewitt's Bred to Lay Strain of Large Brown Eggs—Prizes won at St. Louis, Pittsburg, Washington, D. C., Altoona, etc. This breed is thrifty, hardy, matures early, winter layers. Beautiful, profitable. I have no trash. 25 years a breeder. Eggs \$2 for 15, \$4 for 50, \$10 per 100, from yards 3, 4, 5 and 6. From yards 1 and 2, \$3 per 15 straight. Write your wants. Circular free. Mention this paper. Homer H. Hewitt, Williamsburg, Blair Co., Pa.

MODERN S. C. BLACK ORPINGTONS

The low down, deep-bodied kind, with heavy shank and broad back. At Indianapolis, February 7 to 11, we won specials for best male and second best female, any varieties of Orpingtons competing, and five silver cups in the open class. Good breeding cockerels at from \$3 to \$10. Book your order for eggs now. From grand matings at \$3 and \$5.

BLUE RIBBON POULTRY FARM - - - COLUMBUS, IND.

GLEN EYER POULTRY YARDS

Barred Rocks are still leading, winning, at the big Rockford, Ill., show, January, 1910, three first regular prizes and two silver cup specials. If you are interested in prize-winning stock, rush a postal card to me for new egg circular. A few good breeding cockerels yet for sale.

O. L. KING, BOX 32, R. D. 9, ROCKFORD, ILLINOIS

Bateman's Black Langshans

WORLD FAMOUS WINNERS—At the late Chicago show they won a large majority of prizes and every special on males. They have won more premiums at Chicago in the last ten years than any other strain. If you are looking for quality in stock or eggs, I have it. Write me for prices.

JESSE T. BATEMAN : BOX A : WAVERLY, ILLINOIS

S. C. BUFF ORPINGTONS

Winners of 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, cup and display at the great Missouri State show, St. Louis, December, 1909. Also four out of a possible five firsts, Ill. State Fair, 1909. Booking egg orders.

L. H. Eldridge - Box A, Bradford, Illinois



S. C. W. ORPINGTONS

Kellerstrass strain. Bred from choicest matings. Eggs for spring delivery, \$5 and \$8 per fifteen.

Maple Crest Poultry Farm, R. F. D. No. 1, Euclid, Ohio

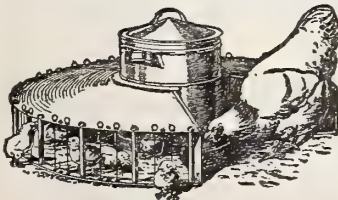


Fairview White Rocks

made a grand show at Louisville, Ky., December, 1909, where they won in keen competition first, second and fourth cocks; first, third and fourth cockerels; first, third and fourth pullets; third and fourth hens and first pen. Silver Cup for best display White Rocks and six out of eight specials. Stock all sold. Send for 1910 mating list.

Guy Daily, Jeffersonville, Indiana

: : State Secretary White Plymouth Rock Club : :



Three Machines in One

AUTOMATIC FEEDER, WATERER AND CHICK PROTECTOR. A combination to feed, water and protect little chicks. Can be changed in one minute to feed and water grown poultry. Anybody can buy this combination. We sell one or more. Special price to agents in quantities.

Macomb Poultry Supply Co., Macomb, Illinois

CHARCOAL PRICES GREATLY REDUCED

You want to get the best Charcoal and save money besides, don't you? Then buy **Indian Brand Charcoal**. There is nothing better made; we guarantee it to be pure, evenly ground and first-class in every respect, or your money back.

We are manufacturers, sell direct to consumers and get low freight rates. Sold in lots of 500 and 1000 pounds and upward, at less cost than you can buy any other brand. To prove that we can save you money, write us your needs today—**RIGHT NOW**—and we will quote price that will convince you. 100 pounds if desired. Valuable illustrated booklet free.

THOMAS BROTHERS COMPANY

1227 BEACH STREET

PHILADELPHIA

COLUMBIAN WYANDOTTES

You can PRODUCE THE GOODS for the shows next winter by buying eggs from our pens containing winners at the Great CLEVELAND show, ASHTABULA, WILLOUGHBY, Mich. State, 1910. Also WARREN and YOUNGSTOWN, 1908-9. Eggs, \$3.00 and \$5.00. Mating list free.

CANFIELD & KING

BOX A 27

PAINESVILLE, OHIO

White Plymouth Rocks and White Wyandottes

Have selected fifty breeders from a flock of 500 that for color and type can hardly be equaled in the West. Have sold birds this Winter that are winning all over the country. At Akron show a noted judge said my first cockerel was the best White Rock he had seen in any of the large Western shows. Cockerels for sale. Write for prices on eggs.

J. M. MOORE JR. : : UNADILLA, NEW YORK

Barred Plymouth Rocks

First cockerel, fourth yard display, Springfield, Ill.; first cockerel, 2d and fourth cock, first and fourth yard display, Canton, Ill.; first cockerel and third cock, Galesburg, Illinois. Cockerel mating exclusively. Eggs and stock. Write for price list.

W. H. Shaw : : Canton, Illinois

ORPINGTONS

Of the Better Sort--Win at New York

On an Entry of Three Black Orpingtons We Won

1st Pullet, 4th Cock, 4th Hen, Silver Cup for Best Orpington Hatched in 1909.

Please note we do not import Show Birds—can't afford to. We are breeding along certain lines and getting there.

The First White Orpington Pen, probably the finest ever shown in Madison Square Garden, was hatched from our eggs. Does this prove to you that we have the birds and understand how to mate them for results? **Let Us Start You Right.** Eggs, \$3, \$5, \$7 and \$10 per 13.

MOUNTAIN VIEW FARM

Orpingtons of the Better Sort - R. F. D., So. Kent, Conn.

Three Firsts at Cincinnati, Ohio, in the Strongest Class of

White Rocks

ever caged at this big show. An additional proof of the quality of our strain. Our 1st prize cockerel was the sensation of the show, and was pronounced by Judge Pierce to be a rarely typical male. He will head our pen No. 1 for 1910 breeding season. We will book a limited number of settings from this pen. If you want birds that are naturally white, with long backs, well-spread and low-carried tails, send us your order for eggs. The fact that we also won first pullet and first hen shows that we have equal quality in both sexes. These birds are all in our 1910 pens, as well as the breeding stock that produced them. Our egg customers this season are bound to get top-notch quality. Send for free mating list.

City of Cedars Poultry Yards, Lebanon, O.

World's Best Orpingtons



White, Buff, Black, Rose or Single Comb

Over 1200 Prizes, Diplomas, Cups, Etc., such shows as Madison Square N. Y.; Jamestown Exposition, Philadelphia, Pa.; Allentown, Pa.; Washington, D. C.; Boston, Mass.; Easton, Pa.; Pennsylvania State Show; Dover, N. J.; etc., etc.

An Orpington Specialist Ten Years

Can start you right with Chicks, Eggs or Stock.

Write

J. S. HAUPT, FAIRVIEW FARM, Box 110, EASTON, PA.

In the trial flight with this machine a bank was struck by one of the wings, with the result that the entire machine was smashed, the largest pieces being some two feet in length and now adorn Mr. Cook's veranda. Mr. Cook succeeded in escaping from this smash-up without any broken bones. At the present time Mr. Cook has a new flying machine, which we understand is one of the most powerful machines ever constructed, and from which Mr. Cook is deriving a great deal of pleasure. In a recent letter he has reported having made thirty flights in this machine. We presume that next he will be meeting visitors at the station and taking them out to his farm in his airship. However, for the present we should prefer the trip to be made on terra firma. Mr. Shields made one entry in Rose Comb Reds at the late Madison Square Garden show and succeeded in winning 3d cock.

Mr. Cook says that his education in the fancy poultry began as soon as he could talk, and when he was seven years old his father would get him to take visitors around the plant, and at the age of ten he had a good sales record to his credit. He has traveled in nearly every



A. L. Glessman, Mars, Pa., breeder of White Orpingtons.

civilized part of the world and in some parts that were not civilized.

During the year of 1901 and up to 1904 he established five poultry farms for the firm of Wm. Cook & Sons, originators of all Orpingtons. Two of these are in South Africa and one in Australia, one at Scotch Plains, N. J., and one in England called the St. Leonard's Poultry Farm, which has since sold at a good profit. All of these farms were put on a good paying basis by Mr. Cook. He started the American farm in the year of 1904, says he likes this country better than any country where he has ever lived. In 1908 he purchased the American business from the other members of his family, and he intends to remain here altogether.

During his life Mr. Cook has bred fifty varieties of poultry. He now breeds only Orpingtons, as he finds them so much more hardy and better birds than all the others, at the same time more profitable. Mr. Cook says so many people ask him how he made so much money out of chickens. His answer is: Keep Orpingtons; advertise well; treat your customers right; give your birds your own personal attention, and you can make as much money as he has, and you know what Mr. Cook has he has made himself—and made it all out of the fancy poultry business—as he was unfortunate enough

to lose what was left him. Mr. Cook is thoroughly posted in all varieties of poultry and has officiated as judge at many of the largest poultry shows in the world. He says he works real hard for six months of the year, usually about eighteen hours a day, and the other six months is spent in enjoyment—yachting, motoring, and other outdoor sports.

Mr. Cook has many fads and fancies which the poultry business permits him to enjoy. He is very fond of pets and flowers as well as chickens. He has many things to interest the visitor at Scotch Plains, among which are two African lions that are very docile with Mr. Cook, but not with anyone else. In one cage Mr. Cook has a lion, a monkey, a dog, and a cat, all of which sleep together. He also has some twelve monkeys of many different species, some of which are so tame they are allowed to run loose around the farm. Among other animals to be found are fourteen dogs. At present Mr. Cook is completing a small deer park, in which he will have a lake and a small flock of deer. He expects to get a bear and some other wild animals, which will give him great pleasure in taming. He is now building an aviary 150 feet square and 30 feet high, which he will fill with birds of every known variety from all parts of the world.

Among other things Mr. Cook is particularly fond of marine paintings, and has quite a large and valuable collection, among which are a number of paintings by Warren Shepherd, whom Mr. Cook thinks cannot be beaten for marine work.

Certainly Mr. Cook's home at Scotch Plains would be an interesting place to visit, with all the above to be seen, not forgetting the flowers, for Mr. Cook has them in such profusion that the place looks like Paradise. Visitors are made welcome and if notified in advance will be met by Mr. Cook with his auto.

Not the least interesting sight the visitor will see is the large flocks of Orpingtons, consisting of many thousands of birds. Eight of the ten varieties of Orpingtons are bred here. It will be remembered that Mr. Cook owned and edited the Orpington Journal for about five years, up to the time it was purchased and sold to another paper. He has written articles for nearly all the poultry papers and magazines in all parts of the country, some of his articles being translated into several different languages. He now has a book about ready to publish on poultry diseases and general poultry keeping, which, coming from a man with such wide experience in the successful production of fancy poultry, will be a very valuable book, and no doubt will meet with public approval as soon as offered for sale. We consider ourselves fortunate in securing the services of Mr. Cook as a contributor to American Poultry Journal. He will furnish us with "Hints for the Month" for each issue of American Poultry Journal. You will find much valuable information in this department from month to month; in fact, this department will anticipate the needs of your flock, and by closely following instructions herein given by one who has himself been so successful you also will succeed. We trust you will look up Mr. Cook's department in this issue.

Rose Comb Brown Leghorns

The kind that have a record behind them. Exhibition stock and eggs a specialty. Write for mating list and show record.

H. C. FRANKLIN

TOWNSHEND, VERMONT

S. C. WHITE LEGHORNS

The quality kind, bred exclusively for ten years. Unparalleled wins in some of the best competition. Don't fail to write for circular. Both stock and eggs for sale.

Bed Rock White Leghorn Farm : C. C. Foster, Proprietor : Quincy, Michigan

BROWN'S BUFF ROCKS

Have won their share of the prizes at Peoria, Nov., 1908, and Dec., 1909; Monmouth, 1909, and Illinois State Fair, 1909, and have individual records up to 261 eggs. Have 4 pens mated for early delivery. Eggs, \$2, \$3 and \$5 per fifteen; larger order write.

ALBERT A. BROWN

601 MONTANA STREET

PEORIA, ILLINOIS

White Plymouth Rocks

We breed them. Good, strong, vigorous birds and first class layers. We are selling eggs this season at \$3 per fifteen.

Temple & Merriman, R. 5, Gouverneur, N. Y.

MOORE'S S. C. W. LEGHORNS

Day-old chicks 10c each. Book orders now. Our exhibition matings are unsurpassed in shape, color, carriage and spread of tail. Eggs for hatching at bargain prices. Do not order elsewhere until you have seen our free mating lists—ready February 1st. Stock for sale.

Moore Bros., Moscow, New York



BARRED ROCKS

BRADLEY BROS.' STRAIN

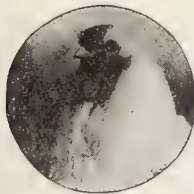
My customers always win. Fifteen years with Barred Rocks. Many prominent judges and breeders are our customers. EGGS ---the kind that are selling for \$5.00 and up. \$3.00 per 15; \$5.00 per 30; honest treatment, prompt service. Free circular. :: :: :: :: :: :: :: ::

F. S. Nicholson

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Otisville, New York

At the Indianapolis Show February, 1910



With less than two weeks conditioning, we won second cock, fourth hen and third pen with only thirteen entries out of over one hundred. Quality White Wyandottes. Exhibition and utility stock. Eggs at reasonable prices

Pangalow Farm, R. F. D. 12 Indianapolis, Indiana



Andrews' Wh. Wyandottes

At Boston, 1910, won First, Second and Sixth Cockerels, First Pen, Fifth Hen. This was the hottest class of cockerels that without doubt was ever shown in America. My first pen was called by expert judges the grandest ever shown. Won first pen at Boston for four successive years and have had first cockerels 1907, 1908 and 1910. Have won at Boston for 13 consecutive years. The above record was never equaled by any breeder, and I breed my winners. At Chicago, 1909, on four entries, won four prizes and color special. They have also won for my customers at largest shows in United States and Canada. Buy your eggs from a strain that has a winning line of blood back of them and can win now. Send stamp for 1910 mating list. Book your orders early.

J. W. Andrews, Box J, Dighton, Mass.

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

BIG REVIVAL IN POULTRY BUSINESS

A BIG REVIVAL in the poultry business is at hand; everybody knows it—everybody in the business should reap the benefits. The way to do this is to start right—and then go right.

STARTING RIGHT doesn't mean buying cheap and worthless tools with which to work. To do that is to invite defeat. Do not be half-hearted! Half-hearted is another name for *half-licked*.

NOTHING SUCCEEDS LIKE SUCCESS. It is Right and *Sensible* to imitate the successful, to follow their lead—and it pays! If you do this in the poultry business you will **HATCH YOUR CHICKENS IN CYPHERS INCUBATORS, BROOD THEM IN CYPHERS BROODERS AND RAISE THEM ON CYPHERS CHICK FOOD.**

THAT IS THE ROYAL ROAD TO SUCCESS in raising poultry for profit *by artificial means.* It is open to you, reader, broad and straight. *Did you ever know* of a big poultry plant using \$5.00 or \$7.50 or \$10.00 tin-tank, cracker-box incubators, and succeeding in the business? **YOU NEVER DID.** *Have you ever read* the report of a foremost poultry fancier publicly endorsing one of these here-today and gone-tomorrow cheap "fake" machines? **YOU NEVER HAVE.**

THEN WHY SHOULD YOU make the mistake, *the serious and costly mistake,* of buying a big-promise, little-do cheap affair, that is an incubator in name only! *To do this is to defeat the main object of your entire poultry investment.* And the only excuse for such a mistake is the faint hope of saving a few dollars at the start. **OUR WORD FOR IT,** every dollar you save in this way will be offset very soon by the loss of ten or a hundred dollars. Thousands have found this to be true. Many letters are received by us every year to that effect! We are asking you to avoid this common pitfall. If life thus far has taught you to *profit by the experience of others,* then this single advertisement will mean success for you in your poultry work.

THE POULTRY BUSINESS is now *increasing rapidly* in all branches. Those of us who ought to know are certain that the next five to ten years will be *the most prosperous* in the history of the poultry industry. There might have been a financial reason one or two years ago for you to "try your luck" with a cheap incubator or a make-shift brooder, but now if you are going to take up poultry raising at all, or are going to extend your operations, you ought to give yourself a fair chance to *equal the success of other men and women* by owning and using *the best equipment to be had.*

BEGIN RIGHT if you are going to raise chickens *by artificial means,* or do not start at all! This is frank and honest advice from *men who know*—from a company that during the last ten years has manufactured and sold more incubators, brooders and poultry supplies to poultry raisers **THAN THE NEXT FIVE LARGEST MANUFACTURERS AND DEALERS COMBINED.** It is honest advice from a company whose incubators today are in successful use on *more government experiment stations,* on *more big practical chicken and duck plants* and that are used and *publicly endorsed by more foremost American poultrymen* than all other makes combined.

THESE BIG FACTS mean something! They should mean something to you! **THERE IS A REASON** for this company's *unequalled success,* for the *world-wide trade it enjoys,* for the many *satisfied customers* it has in every civilized country on the globe. Cyphers Company customers know what that reason is! They have found out *and are profiting by it.*

DO NOT ACCEPT OUR UNSUPPORTED WORD for the highly important claims we make—important to you! But we do ask you to be guided by the personal testimony of America's *best known and most successful poultrymen.* Our 160-page 1910 catalogue tells the whole story, tells it straight from the shoulder—tells the truth. The men here briefly quoted stand high in the poultry world for their integrity. They are well-known—successful! See our big Annual Catalogue and Poultryman's Guide for their full reports—and many others. Contains five instructive chapters on successful incubating, brooding, feeding, heavy egg-yields, etc. **IT IS FREE** and we pay the postage. Address our branch house nearest you.

CYPHERS INCUBATOR COMPANY

BUFFALO, N. Y. NEW YORK CITY. CHICAGO, ILL. BOSTON, MASS. KANSAS CITY, MO. OAKLAND, CAL.

WM. McNEIL, Canada.—"I won 28 first prizes at Boston last winter on birds, all hatched in your machines."

G. W. MITCHELL, Connecticut.—"Obtained two 100 per cent. hatches, one 97½ per cent, one 95 per cent. All my winners at New York show were hatched in Cyphers Incubators."

A. G. DUSTON, Massachusetts.—"It is my belief, after ten years of experience, that any one can get good hatches from Cyphers Incubators."

D. W. YOUNG, New York.—"Used five Cyphers Incubators. Contributed largely to my winnings, New York and Boston."

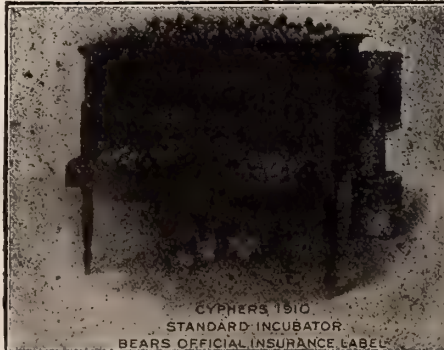
ERNEST KELLERSTRASS, Missouri.—"All Crystal White Orpington fowls on Kellerstrass Farms are hatched in Cyphers Incubators."

C. H. WELLES, Connecticut.—"Used Cyphers Incubators several years. This year had two 95 per cent hatches; average between 80 and 90 per cent."

AUG. D. ARNOLD, Pennsylvania.—"Tried several other makes, but the Cyphers leads them all. Never hatched more vigorous chicks."

F. C. SHEPHERD, Ohio.—"Used Cyphers Incubators exclusively since 1899. Never had a poor hatch. Repeatedly obtained 90 to 92½ per cent. hatches."

J. C. FISHEL, Indiana.—"Hatched 1,835 chicks, being 90½ per cent. Raised in your brooders 1,140, or 81.71 per cent. Recommend them to friends and customers."



TIME TO START RIGHT - AND TO GO RIGHT

A. C. HAWKINS, Massachusetts.—"Put 50 Barred Rock chicks in Cyphers Brooder, raised 48 to maturity. Out of 50 Buff Plymouth Rock chicks raised 47."

THOS. F. RIGG, Iowa.—"All our single and choice mating eggs go into the Cyphers machines and we are never disappointed. Your brooders are perfect rearers."

E. B. THOMPSON, New York.—"Your incubator runs to perfection and is practically a perfect hatcher. Put 54 chicks in Cyphers Brooder, raised 53."

U. R. FISHEL, Indiana.—"Reared on home farm this year over 3,000 White Plymouth Rocks, every one of them hatched in Cyphers machines."

HENRY STEINMESCH, Missouri.—"Seven years ago gave you report on Cyphers Incubator. Same machine still at work, as reliable as ever."

VICTOR BRADLEY, Massachusetts.—"We are very free in our recommendation of Standard Cyphers Incubators and Brooders, honestly believing them the best made."

W. S. RUSSELL, Iowa.—"Used Standard Cyphers Incubator the past six years. Recommend it to any one, expert or novice; first-class incubator."

CHAS. V. KEELER, Indiana.—"Have about 2,000 chicks, all hatched in Cyphers machines. Raising them on Cyphers Chick Food; growing like weeds."

J. M. WILLIAMS, Michigan.—"Personally use your incubators on our special matings. If were to buy dozen more all would be Standard Cyphers."

THERE IS A CYPHERS COMPANY WAY of starting right in the poultry business—any branch of it—and of *going right!* It is this "right way" that we want you to know about. It is told of in our *Complete Free Catalogue for 1910* and other poultry literature. It is the pathway that thousands of pleased Cyphers Company customers are now traveling—and with uniform success! We are devoting a life work to the problem of the *greatest possible success* for our customers and we want you, **READER**, to profit by what we have learned in *twelve years of careful study and costly experimenting.*

THE FIRST ESSENTIAL to success in the poultry business is to make sure you have fresh and fertile eggs produced by healthy and vigorous breeding stock. The next *important step* is to hatch these eggs in **STANDARD CYPHERS INCUBATORS.** This means large hatches and *strong, lively chicks.* The third step is to brood your chicks in Cyphers Self-Regulating, Self-Ventilated, Fire-Proofed Insurable Brooders. This means *safety, comfort and low mortality.*

THE LAST ESSENTIAL, if you accept our best advice, *based on twelve years' experience*—is to feed dry-grain, granulated chick food, omitting all wet mashers and *guess-work mixtures.* We were pioneers in the manufacture of granulated, dry-grain chick food and have done our share to stop the *wholesale chick murder* that results *every season* from the use of sour food and from irregular feeding. Cyphers Chick Food is a *properly balanced, scientific ration* for young chicks. It has been in successful use ten years! This food is composed entirely of *sound and wholesome grains*—no weed seeds, no by-products, no waste materials—and is granulated and *mixed by machinery.* It is always the same—*always reliable.* Cyphers Chick Food—the genuine article—is *put up in sealed bags* to prevent substitution and to protect the interests of *thousands of earnest men and women* who are raising chickens year after year "the Cyphers Company way." It is a *complete food* for young chicks—positively no other food being required or advisable.

MAYBE YOU HAVE BEEN TOLD that the road to *hoped-for success* in the "chicken business" is strewn with wrecks! And so it is—the poultry plant wrecks of men and women *whose intentions were of the best,* but who did not receive or did not heed *sound advice,* who ignored their own *every-day commonsense,* who were faint-hearted at the start or were beguiled into buying incubators and brooders *mainly because they were cheap.*

The scrap heaps are piled high with "fake" incubators and fire-trap brooders! *This is the gospel truth.* But you have never heard of a Standard Cyphers Incubator being thrown on the scrap heap, not one! Why is this so? *Because the real honest value is there.* Because a Standard Cyphers Incubator will last ten to twenty years and *do the same high class work,* first to last. We leave it to your own good judgment that this is the kind of an incubator you can safely make *the permanent foundation of your poultry enterprise.*

IF YOU NOW OWN A CHEAP, unsatisfactory incubator or a brooder that is proving a death-trap for chicks, IT IS NOT TOO LATE to buy a Cyphers Incubator or a Cyphers Brooder **FOR PROFITABLE USE THIS SEASON.** We guarantee to fill your order from our nearest branch house within forty-eight hours.

We submit that you, reader, *cannot do better than* to profit by the example of thousands of Cyphers Company customers. What they are doing, you can do! We ask you, *in your own best interests,* to follow the *well-considered advice* given in our 1910 free catalogue and other Cyphers Company poultry literature.

If you mean business—and we assume that you do—we can supply exactly what you want—*exactly what you require* to enable you to obtain the *most profitable results* in any branch of poultry keeping, *and can tell you*—and will gladly tell you—*how best to succeed* in the poultry business.

WRITE US FREELY AT ANY TIME FOR INFORMATION AND SUGGESTIONS. Our Bureau of Information was established to *answer your questions* and serve your interests. Many, many successful poultrymen and poultry women of the present day *obtained their start by this means,* and we are ready and willing to help you in the same way. Write today for our 160-page 1910 free catalogue which illustrates and describes our \$40,000 poultry farm, *the largest in the world* owned and conducted by an incubator, brooder and poultry supply company. Address our branch store nearest you.

CYPHERS INCUBATOR COMPANY

BUFFALO, N. Y. NEW YORK CITY. BOSTON, MASS. CHICAGO, ILL. KANSAS CITY, MO. OAKLAND, CAL.



A. C. HAWKINS



E. B. THOMPSON



VICTOR BRADLEY



CHAS. V. KEELER



J. M. WILLIAMS



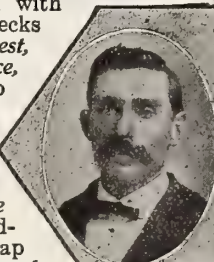
THOS. F. RIGG



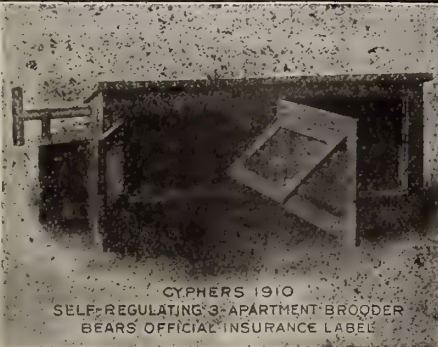
H. STEINMESCH



W. S. RUSSELL



U. R. FISHEL



CYPHERS 1910
SELF-REGULATING 3-APARTMENT BROODER
BEARS OFFICIAL INSURANCE LABEL

CRITICAL COMMENTS; WISE AND OTHERWISE.

IS a chicken ever worth \$10,000, or \$15,000, or even \$500? If a man has the best in the world of any variety, or sells specimens at the largest price ever paid in history, and then goes to a show and gets beaten out of every first prize but one, by two or three different breeders, what does it prove? To my mind, it proves that no one man, no matter how much money he has, can always "hog down the patch."

For the writer, one of the easiest things

one wants to fire back a dose occasionally, he will try to take the medicine with as few grimaces as possible.

It is truly wonderful what can be done in mating and procuring some of the new varieties of poultry. The writer saw at the Illinois state fair and at the Bloomington (Ill.) poultry show some of the finest marked Partridge Wyandottes and Partridge Plymouth Rocks, and with the pure penciling in females, black breasts and striped hackles and saddles that the best Partridge Cochin breeders could not rival. When we remember that the

Look out for the coming boom in Polish Fowls! Men of wealth and ability are taking them up and future shows are going to have many of these beautiful fanciers' favorites on exhibition. Eggs and a peculiar beauty are the strong points in the Polish, and the great variety of color in the different varieties is going to make them prominent, especially in the big shows.

One of the best articles I have seen on the comparison—score-card controversy appears in the American Poultry World and written by D. J. Lambert. Among other things he says: "Comparison judging is often where the judge comes in and gives the bird a look and a tag, marks the winners on the award card and goes on his way rejoicing that he got off so easily."

And they call that judging! I for one fail to see where a judge earns his pay for such work. I wrote a Partridge Cochin breeder a short time ago for prices on a cockerel. Every bird he priced me was disqualified on weight, and he distinctly said in his letter that these birds could not enter a score-card show. I wrote him they would be of no use to me, as I would not try a bird that could not enter a score-card show. I can buy all the disqualified birds I want for \$1 each, or could if I wanted any.

Whenever a bird can win in a comparison show that would be disqualified in a score-card show, it proves plainly that comparison is a humbug. Every section of a bird should be carefully examined in every show, no matter what method of judging is used. That is what our entry fees are paid for, and that is what we have a right to demand. From what I have heard about comparison shows, I would not give a dollar for a prize winner at one of them until I could see and examine the bird myself. When you buy a winner in a score-card show, you will get what you pay for, provided the seller does not change the leg band to some other fowl, and that kind of a seller would beat you anyhow. I sent for the first prize Partridge Cochin cock at Du Quoin this winter and received a bird that only weighed eight pounds. I sent him back and now the seller has the money, the express company has the bird and I am out \$5.95.

I believe that half the thoroughbred poultry in this country is sold at a loss.



A. P. J. Cartoon. Scene Four—Farmer John: What! only twenty eggs from 100 hens in three days. I tell you, Martha, this won't do. Let's sell off half of these har mongrels and send to J. G. Budde & Co., Oak Park, Ill., for some of his Red Raven Strain Rhode Island Reds. You know we been readin' what good birds the Reds are, and Budde & Co. seem to have the best, so let's send our order to them. All right, Martha, seeing you are willing, we will use the Potter System and cull out about fifty of your hens that don't lay and take them to market and buy some eggs of Budde & Co., and get some good thoroughbred Red Raven Reds.

in the world is to tell the other fellow just what he ought to do. Advice, like medicine, is easy to give, but not always so easy to take.

Therefore, he is anticipating an enjoyable time telling what he thinks about the ideas of others as they shall appear in this and other journals. And if some

Partridge Cochin has had to furnish the coloring for all these varieties it simply shows the staying qualities of the Partridge Cochin fowl. And the beauty of it all is, that these varieties can be bred and not injure the Cochin as a pure breed one iota. They are as good or better than they ever were and just as popular.



CRUSADER III, a Boston Winner

REGALS AT BOSTON, 1910

Without a doubt Boston is the quality White Wyandotte show of America. The White Wyandotte originated in New England, and to make an exhibit at Boston means that you are competing with the best White Wyandottes bred in the United States. I knew I would be greatly handicapped by condition, as it is simply impossible to take a string of birds 600 miles and show them in the same condition as breeders who live near by and can rush them into the show room on a few hours' notice. However, in spite of this handicap, and, thanks to the superiority of Regal type, I made a grand showing, winning more prizes and more points on cockerels and pullets than any of my competitors, which gave me the gold special offered for

Best Cockerel and Four Pullets

In addition to this I won

Three out of Six Cock Prizes

Which was just three times as many as any of my competitors. Remember, I was competing with the best that money could buy, and in what was easily the hottest class of the season.

MATING LIST FOR 1910

For the season of 1910 I have mated up fifteen exhibition pens, all headed by winners and containing all my exhibition females. Price of eggs from these pens (as they run)

\$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100

Send for free mating list. It gives complete description of the best lot of matings in America today.

John S. Martin, Box 51, Port Dover, Canada

The average age at which birds for breeding purposes is sold is one year. To keep a bird one year at the present high prices of grain will cost \$1. The advertising and showing and getting the birds sold will cost 50 cents. Housing; cooping and labor will cost at least 25c, making a total of \$1.75 for each bird sold; and I believe the average price at which

expenses incidental to it are the only ones who will dispute it.

A writer in Poultry Tribune says: "Opposites should never be mated, as the offspring will rarely be intermediate between the two in quality, but will usually resemble the most positive parent."

That is probably true in regard to

a male with heavy feathering; or vulture hocked hens mated with a round hocked male will be improved at least 50 per cent with the very first mating. The same may be said in eye coloring, if not in coloring of feathers; the trouble with color is that in all out-crossing of different strains, we destroy the penciling in Cochins and all the Partridge-colored



SCENE ON THE POULTRY FARM OF MALTBIE & SHELLEY, GENEVA, OHIO.

all birds are sold will not reach this figure. After making all due allowances, every bird sold under \$1.50 is sold at a loss. And the proof of this general statement is that the breeders who have been longest in the business are the ones who will agree with it. The cheap Johns and amateurs who keep no track of all the

color, but in shape much can be done. A pen of hens with poor combs when mated to a male with a good comb will result in much improvement in combs in the chicks; shape of back and tail can be helped in the same way; and in foot feathering of all Asiatics good results will come at the first mating by using

varieties; the same is true in barred and laced varieties. In-breeding, or line breeding, is very necessary in all parti-colored varieties.

A series of articles on Brahmas in the American Poultry World contain some long-winded arguments on type, shape and symmetry. To me those three are

The Peerless "Ringlets"

True to Their Tradition, Are Again Great Winners at New York

At the Imperial Madison Square Garden Show, 1909
E. B. Thompson's Barred Plymouth Rocks

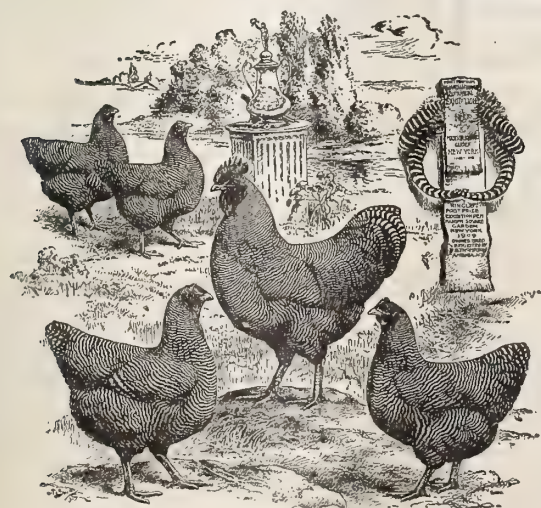
win First, Third and Special Prizes on Exhibition Pens; special prize Cock; special prize Cockerel; numerous specials on hens and pullets, and the Harding \$50 Challenge Silver Cup offered for best exhibition pen. The race at this 1909 New York Show was a Marathon for speed and quality, and my First Prize Silver Cup Exhibition Pen was declared by expert opinion to be the finest ever exhibited—a paragon of perfection—and created a sensation as the finished achievement in modern Barred Rock breeding.

The "Ringlets" are always imitated—but never equalled. They are first in record, first in quality and first in popularity
Their record at New York for 22 years is **GOLD LINED**

—it is a calendar of successive victories demonstrating step by step their irresistible advance towards the world's absolute leadership

The Enormous Prestige of the "Ringlets" Created by Superlative Quality Has Made Them the Standard by Which All Other Barred Rocks are Judged

I now have on my farm the largest and finest lot of superior exhibition and breeding birds I ever owned; they show the "Ringlet" barring and the sharp contrasting colors that win under all judges.



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909.

Richly illustrated 58-page catalogue mailed upon request; it is full of original pictures of New York winners from life. 1000 grand breeding and exhibition cockerels for sale. Elegant hens and pullets in any number. Show birds fit to win in any competition. Eggs from the world's finest exhibition matings: One setting, \$6; two settings, \$11; three settings, \$15; four settings, \$18. You may have the product of my skill reaped by 30 years' experience, at reasonable prices. Your wants will have my very best and personal attention.

SEE MY OTHER ADS
IN THIS PAPER

Address E. B. THOMPSON, Lock Box 510, AMENIA, NEW YORK



Harvester Strains

S. C. W. Leghorns & Columbian Wyandottes

Always layers of large eggs. Twenty eggs from five hens in five days during Feb. 7-12. Always winners of blue. Three firsts, 1 second and 18 specials at A. P. A. show. Send for mating list. Satisfaction guaranteed. Eggs, \$3 and \$1.50 per 15.

Address

H. A. D. Leggett, 21 Rowley Street, Gouverneur, N. Y.

VanAlstyne's Columbian and Silver Wyandottes

During the season of 1909 to 1910 on 4 entries at the Big New York Fair, winning 3 firsts and 1 second. On 4 entries at Madison Square, New York, winning second, third and fifth. On 2 entries at Boston, winning first and fifth. Truly this must show quality and if such is what you want, write to the party who truly has the goods.

J. F. VanAlstyne - Niverville, New York

S. C. R. I. REDS

Again victorious at Anderson. It proves my quality. First cockerel; first, third and fourth pullet, first pen, shape special on cockerel, shape special on pullet. Ninety entries in single class. I did not show any old stock. Just a few good cockerels left. Get my 1910 mating list. It is a hummer.

R. A. Slaughter : R. R. 3 : Greentown, Indiana

HALBACH'S WHITE PLYMOUTH ROCKS

Established a BIG RECORD by winning:

Best Display at Chicago, January, 1907
Best Display at Chicago, December, 1908
Best Display at Chicago, December, 1909

You would be surprised to know that in addition to winning year after year, birds purchased from me or hatched from eggs I sold, have won at the best and largest shows in the country. I could mention show after show where my birds have won the BEST prizes, but I honestly believe this honor belongs to the purchaser. For the season of 1910 I have mated fifteen grand pens. Write for mating list which describes my pens and contains pictures of "LEADER," my first CHICAGO COCKEREL and other famous birds.

H. W. Halbach Box A Waterford, Wis.

BARRED P. ROCKS

THE RECORD BREAKERS

At Chicago in the strongest competition west of New York City, on one entry I won third pen, one of the three most coveted prizes.

At Milwaukee, 1910. On pullets, 1, 2, 4, 6, 7, 9, 10; hens, 2, 3, 4; cockerels, 3, 4, 7; pens, 1, 3; special for best display Barred Rocks; special for best cockerel and pullet; special for best pen; in fact, all specials but one.

At Kenosha, Wisconsin. One of Southern Wisconsin's best shows. I won 1, 2, 3 and 4 pullet, 1, 3 and 4 cockerel and 1 pen.

At Waukesha, Wisconsin. Entered six birds and won 1 cockerel; 1, 2, 4 pullet; 3 hen, 1 pen.

Still have a few of those choice pullet-bred cockerels that I will close out at less than half their value. Satisfaction or money back.

EGGS

\$5 per setting; two settings, \$9; three settings, \$12. From special mating, \$3 per setting. If you want something extra good, write me and mention American Poultry Journal.

Geo. H. Bie, Racine, Wisconsin

synonymous terms. I fail to see how you can make anything out of the word type but shape; nor the term symmetry either. A typical Cochin is a Cochin with the proper shape. A symmetrical Brahma, whether light or dark, is a bird Brahma shaped. Either term may be used and they all mean the same identical thing; a hundred pages of argument would not change it.

Chenon, Ill.

Dr. H. F. BALLARD.

A. P. A. NOMINATIONS.

Statement showing the five candidates for each office, receiving the highest number of votes; and the number of votes cast for each nominee for all offices of the association:

FOR PRESIDENT.

C. M. Bryant received 320 votes.
H. V. Crawford received 15 votes.
Grant M. Curtis received 5 votes.
James E. Rice received 25 votes.
Henry Steinmesch received 5 votes.

FOR FIRST VICE PRESIDENT.

L. H. Baldwin received 256 votes.
H. H. Collier received 6 votes.
H. B. Donovan received 8 votes.
C. K. Graham received 24 votes.
Henry Steinmesch received 7 votes.

FOR SECOND VICE PRESIDENT.

L. H. Baldwin received 8 votes.
Charles D. Cleveland received 9 votes.
C. K. Graham received 227 votes.
O. L. McCord received 15 votes.
Miller Purvis received 11 votes.

FOR SECRETARY.

J. Y. Bicknell received 1 vote.
George O. Brown received 2 votes.
S. T. Campbell received 346 votes.
Charles H. Ring received 5 votes.
W. S. Russell received 5 votes.

FOR EXECUTIVE BOARD.

L. B. Audigier received 9 votes.
Henry Berrar received 25 votes.
Charles D. Cleveland received 10 votes.
Henry H. Collier received 41 votes.
H. V. Crawford received 205 votes.
Grant M. Curtis received 234 votes.
U. R. Fishel received 120 votes.
W. R. Graham received 22 votes.
Theodore Hewes received 111 votes.
William Barry Owen received 8 votes.
Charles G. Pape received 10 votes.
Irving A. Sibley received 41 votes.
W. P. Smalley received 14 votes.
P. H. Sprague received 26 votes.
T. E. Quisenberry received 93 votes.

FOR PLACE OF ANNUAL MEETING.

Buffalo received 82 votes.
Niagara Falls received 14 votes.
Port Huron received 6 votes.
St. Louis received 196 votes.
Toledo received 14 votes.

BLACK ORPINGTON BREEDERS, ATTENTION!

The Australian two-year government laying contest, now nearly closed, shows Black Orpingtons lead with a record of 2,082 eggs for the 21 months, leading Leghorns and all-summer layers. Think this over and send at once for the club catalog that tells still more about the Blacks.

The new catalog mailed for 10c or for 4c if you mention this paper. Why not join the club? It guarantees you against fraud in dealing with fellow members.

Dues are only \$1 a year. Send your application at once to the national secretary, Milton W. Brown, Station L, Cincinnati, O.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Mena, Ark., March 10, 1910.
Editor American Poultry Journal.

Dear Sir: Seeing question from J. E. H., Westboro, Ohio, I think if he will examine his hen's ears he will find the trouble inside of them. It is caused by a louse or small gnat or fly hiding itself in the upper part of the ear tube and when it moves it causes the hen to turn her head to relieve the buzzing or pain in her head. You can stop this by using 3 or 4 drops of sweet oil in the ear. We had a fine Orpington hen that was the same way and we used this and she is all right now.

Nema, Ark. E. R. Biser & Sons.

Editor American Poultry Journal.

Dear Sir: I notice in your March number of the Poultry Journal that a party described trouble with Buff Orpington fowls, and you request some one to answer, as you are unable to do so. In September, 1909, I wrote you stating the same trouble I had then had with two of my Orpingtons, and that I then had a Light Brahma hen that was also in that condition. You stated at the time that you knew of no remedy and also that you could not give the cause of it. After receiving your reply I studied the case and I finally made up my mind from the way that

the hen was handled that it was a form of the roup. I commenced using Conkey's Roup Cure, and she got over it and I have the hen at the present time and she seems in all respects as healthy as ever and eats as much as any of the rest of my fowls. Trusting this may give A. W. of Ridgeville, Ind., a clue to his trouble.

Addison, N. Y. W. W. Boileau.

Question—(1) Under ordinary care about how long after a hen stops laying at molting time will she begin laying again? (2) Do you think it a good plan to house and feed molting hens separate from the layers? (3) Will sunflower seed aid the growth of the feathers? (4) As a rule do pullets hatched the first of February begin molting sooner than those hatched in April? (5) Do you think Carbon Oil will keep away lice? Or is kerosene better for that purpose and should it be sprinkled on the roosts about once every week or two? R. B. F.

Homestead, Pa.

Answer—(1) From four to six weeks. (2) Yes. (3) Yes. (4) Yes. (5) We prefer kerosene, with which paint the roosts and dropping boards about every two weeks.

Question—(1) Is ground green bone

injurious and even fatal to young chicks if fed in right quantity? If not, how much should be fed? (2) Would beef scrap be better for them? Is granulated milk as good as beef scrap or green bone? (3) What was the trouble with a cockerel that was first discovered moping on the perch one morning with a full crop of corn? This bird was at once placed in a box by himself and given water and in about 36 hours his crop was empty, but would not eat until about 24 hours later and then only a very little bread. For a day he seemed to be getting better, but the fourth and fifth days he got worse again and finally got to throwing himself around in sort of a fit, when I decided to put him out of misery with an ax. W. A. B.

Clarence, N. Y.

Answer—(1) Ground green bone is not considered good for young chicks. They may, however, be fed a little fresh meat, chopped fine, but care should be taken to feed only a small quantity. (2) Beef scraps we consider better than ground bone and this can be given to them in hoppers at all times. Granulated milk is very highly recommended by some breeders. We do not believe it superior to beef scraps. (3) This bird was suffering from congestion of the liver. This disease is not usually observable until it is so far advanced that medicine is of no avail. It is generally caused by the fowls having access to moldy food or being fed on too concentrated a feed. When the disease is noticeable a change of diet is necessary and plenty of green food should be given together with soft food, such as stale

Concerning Chickens

CONSULT US

Why Consult the Newtown Producing Company?

REASONS are good, logical and many.—A few are:

EGG S of our White Leghorns are fertile, large and uniform, pure white in color. Our experimenting and experience give you perfected results to start with.

AMARCH hatch ran 93 per cent fertile eggs. Parent stock is the best and full of vitality, making splendid layers and beautiful exhibition birds.

SIXTEEN prizes out of a possible twenty-five at GREAT PHILADELPHIA SHOW, January, 1910. This gives you an idea of the high exhibition qualities.

ORDER S for Eggs and Baby Chicks, whether large or small, will be given immediate and careful attention. Free Illustrated Booklet sent on request, and questions cheerfully answered.

NEWTOWN is easy of access on the Newtown branch of the Reading Railroad, and the Poultry Farm is but a one minute walk from station. We will be glad to see you any day but Sunday. Facilities and methods of filling and shipping orders unexcelled.

SUCCESS for you will be sure, steady and satisfying if you are wise and practical. The White Leghorn will bring you profitable success.



Newtown Producing Company

Specialists in S. C. W. Leghorns
Agts. for Hall Mammoth Incubators and Brooders, Box 173, Newtown, Bucks Co., Pa.

Eggs
Eggs

From my imported Standard Games and Game Bantams, \$5 per 15. Quality guaranteed. Eggs from my Ornamental Bantams, Golden and Silver Sebrights, White and Black Rose Combs, White, Black, Buff and Partridge Cochins Bantams, White, Black and Black Tail Japanese and Polish, \$3.00 per 15. Eggs from my prize winning strains of Rocks, Reds, Polish, Leghorns, Brahmas, Hamburgs, Orpingtons, S. C. Black Minorcas and my C. B. Pierce strain of line bred Partridge Cochins, \$3 per 15. All stock from my eggs guaranteed true to name and No. 1 quality. Book orders early. Stamp please. No circulars. R. J. Snyder, Judge, 1170 Cottage Grove Avenue, Grand Rapids, Michigan

EGGS From Champions of the West

Direct descendants of **Barred Right** and **Just Right** Champions of Chicago Show, 1906-7. Exhibition males and females for sale. Send for circular.

Geo. A. Heyl

Successor to Dr. O. P. Bennett
Having purchased his entire flock

Washington, Illinois



Reds, Both Combs; Cornish Indians; Barred and Buff Rocks; S. C. W. Leghorns; Houdans; Silver Wyandottes

I have "superior quality" in all these varieties, having won many prizes in these varieties for many years. At Pittsburg, 1910, in hot classes I won 14 prizes on 16 entries. Eggs from my prize winner Cornish Indians, \$5 and \$10; utility, \$3; Leghorns, Barred and Buff Rocks, Silver Wyandottes, Houdans, eggs, \$5 per 15; S. C. and R. C. Red eggs, \$3 and \$5. Send for catalogue, giving winnings, matings, etc.

J. N. Hazlett, Tarentum, Pennsylvania

WANTED

Want to get into communication with three parties who have from \$2,000 to \$5,000 to invest in the poultry business. This is the greatest opportunity ever offered. A perfectly equipped plant with almost unlimited capacity. Will pay at least 20 per cent on the investment the first season. Don't answer unless you are interested, as we mean business and can deliver what we claim. Address :: :: ::

J. P., Care American Poultry Journal, Chicago, Illinois

ORPINGTONS

SINGLE COMB BUFF, WHITE AND BLACK

We can supply you with high grade exhibition stock bred from our famous champions, who won the highest honors in their class at New York, Boston, Mass., Cleveland, Ohio, Allentown, Pa., Baltimore, Md., Hagerstown, Md. and Trenton, N. J. :: ::

Choice
Cocks, Hens,
Cockerels,
Pullets

1910

Grand
Mated Pens
Hatching Eggs
Now Ready

Write for our new illustrated catalogue and mating list. Address

Sunswick Poultry Farm : South Plainfield, New Jersey
Inspection Invited Rufus Delafield, Owner Trains Met

bread soaked in milk, but no hard grains should be given for a week or ten days.

Question—(1) How can I distinguish a White Orpington from a White Plymouth Rock? (2) Will White Orpington hens cluck in spring? (3) What is the cause of roup? R. W.

Homestead, Pa.

Answer—(1) The White Orpington is an entirely different shaped bird, and if you will read the American Standard of Perfection you will soon learn how to distinguish the different breeds. (2) Yes. (3) Roup usually develops from a severe cold.

Question—I have a White Wyandotte hen that is very lame. I washed her in January to show and since that time she has not been able to walk. I bathed her hip and leg good and she seemed to get along real good. Then we would get a cold spell and it would get worse. At times she would lay on her side with it stretched out straight. She is an extra fine hen and I would not like to kill her. Kindly tell me what is the trouble and what I can do for her.

Phillipsburg, N. J.

W. B.

Answer—This is rheumatism. Give a tablespoonful of common baking soda to each quart of drinking water. Allow no other drink. Rub the legs and joints with carbolio ointment.

Question—I have 20 Barred Rock pullets, April hatched, to which I am feeding a quart and half of scratch feed in the morning and at night, and a mash of bran cornmeal and meat scrap at noon. The eggs, of which I am getting 8 or 10 a day, have a very pale yolk. It has always been my understanding that a Barred Rock had a very deep yellow yolk, and I would appreciate it if you would advise me in your next issue as to what I am doing that should not be done, or leaving undone. I use cabbage for green feed, and the chickens have a range 50 by 75 feet.

Danville, Va.

J. I. P. Jr.

Answer—The color of the yolk varies in shade, and is not always a deep yellow. As the spring advances and the fowls get more natural green food the color will become darker.

Question—(1) What are the true colors of a R. I. Red? (2) Are there supposed to be any different colors to tail feathers? (3) What do you think of this breed to start with?

Answer—(1) See American Standard of Perfection for full description of this variety. (2) Yes. (3) Excellent.

Question—(1) What is an S. C. Brown Leghorn hen worth with a score of 93¾? (2) What is the matter with my neighbor's male bird? His comb is a dark blue or purple, otherwise he appears to be healthy.

Lincoln, Ill.

Answer—(1) 93¾ is not an exceptionally high score for S. C. Brown Leghorn hen, and the price that such a bird would demand would depend greatly on the breeding back of her. Ten dollars would probably be a good price for this bird. (2) This bird is probably suffering from liver trouble. Change of diet is necessary. Feed plenty of green stuff, stale bread soaked in milk and a little cooked meat chopped fine. Also give one of Car-

ter's Little Liver Pills every other day for a week.

Question—(1) Will the feeding of millet hay cause the molting of hens in February? (2) Does marking baby chicks by punching between the toes remain permanent? Or does the mark disappear as the chicks mature? (3) Is it practical to raise chicks in a building where the temperature goes considerably below freezing when I use plenty of litter and a warm brooder, letting the chicks out on the floor to scratch? C. P. T.

Benison, Minn.

Answer—(1) Do not know of any reason why it should. (2) Yes. (3) Yes.

Question—My Langshan pullets became helpless in their legs and have no control over them, and when they try to walk, their legs go out from under them. J. G.

Archbold, Ohio.

Answer—Your fowls have rheumatism, which is usually caused by the fowls being exposed to damp weather or by being confined in damp quarters. Give to each quart of their drinking water one tablespoonful of common baking soda. Allow them nothing else to drink. Rub their legs and knee joints thoroughly with carbolio ointment. A few days' treatment should cure them. Dr. Salmon's book, "Diseases of Poultry," will give you full information about this and all other diseases of poultry. Price of this book is only 50 cents; for sale by us.

Question—(1) When will the new Standard of Perfection be for sale? (2) Which is the best utility ducks, the Indian Runner, White Call or the Rouen? (3) Which is the easiest raised in the city? (4) Do they require being at large or will they do equally well in a large pen? T. P. S.

Omaha, Neb.

Answer—(1) The new Standard will not be ready for distribution until the latter part of this year or the first of next. (2) The Indian Runner. (3) Ducks are rather a difficult fowl to raise in the city. The Rouen will probably do better for this purpose. (4) It is not necessary for ducks to be at large for best results.

Question—(1) Are 20 hens too many for one cockerel where they have free range? (2) Is Kaffir corn a good chicken feed? (3) Is it advisable to use a cockerel in my yards that is under weight? (4) What makes the best litter for chickens to scratch in? (5) What temperature does it take to freeze chickens' combs? (6) How many times a days should chickens be fed when they are confined to the hen house and scratching shed in winter? D. L. D.

Columbia, Mo.

Answer—(1) Yes. (2) Kaffir corn is all right when mixed with other feeds. (3) No. (4) Cut clover hay or oats straw. (5) The fowls' combs are liable to become frozen at any time the thermometer goes 10 below the freezing point or 21 above zero. (6) Three times.

Question—(1) Does the book "Origin and History of All Breeds of Poultry" contain information for a beginner on how to line-breed and out-cross? (2) How many chickens can be kept on a lot 15 feet square with a house 3x6

STATE SHOW WINNERS : : BARRED PLYMOUTH ROCKS

At Springfield Jan. 3-8, 1910. At the last triumph of my Rocks at the Ill. State Show in the strongest line of Barred Rocks ever shown in the state, won the leading prizes and achieved the highest honor that could come to any breed. 1st prize cock, 1st prize display pullet mating, 1st prize for best shape female, special best shape male, special for best colored male, silver cup for best cock, cockerel, hen and pullet, cup for best exhibit of Barred Rocks, 2d cockerel 2d and 3d pullet, 3d on display yard cockerel mating, 4th hen. Eggs, \$5 per 15; \$9 per 30.

S. N. Buss -- Successor to M. K. Bohlander -- Box 73, Panola, Illinois

S. C. AND R. C. REDS

I have large vigorous birds with Red color and type. My birds win for me and my customers. I often win every prize competed for. At Elyria in a hot class of 100 Reds I won on S. C. 2d and 3d cock, tied first; 2d hen; 2d cock; 1st and 2d pullet; 1st pen; special for best display and in R. C. I won 2d and 3d cockerel; 1st and 3d pullet; 2d pen; no old birds shown. I will mate my winners and sell eggs from my best pens at \$5, other pens \$3.00 per 15, or I will sell you baby chicks from best pens at \$8 per dozen, other pens \$3 per dozen. Incubator eggs, \$6 per 100. Baby chick orders must be placed 3 weeks in advance. Satisfaction guaranteed. Send for catalogue.

Wellington Red Poultry Farm : E. W. Phillips : Box R, Wellington, Ohio

THOMAS' WHITE ROCKS

Win at Akron Show, 1910. Second cock, first and second pullet, second and 3d cockerel and first pen. My first pen was pronounced by judge to be best pen in show. Also won special for best display. Write for prices on eggs from select matings of line bred, trap nested stock.

James R. Thomas, R. D. 21, East Akron, O.



Prize Winning Kellerstrass Crystal White Orpington Eggs For Sale

I have just purchased several pens of the Famous Crystal White Orpington stock from Ernest Kellerstrass this spring which were especially mated by him for me, and will guarantee every egg I ship to be from this stock. Eggs from Pen No. 1, \$15 per setting; from pen No. 2, \$12.50 per setting. Cash with your order. Send your order in quick if you want your eggs early. Prompt shipment.

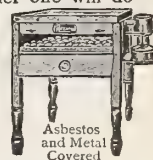
D. A. Schoeneman :: :: Sioux Falls, South Dakota

Write To Us And Get Acquainted

With What We Have to Offer A letter or postal—either one will do—then we'll send you our literature and valuable information on raising poultry to make money.

Racine Incubators turn healthy eggs into healthy chicks every time—and give the highest percentage of hatches. They are sure—safe—and simple—made to last a lifetime—sold at prices lower than anybody else will quote you for the same quality—and they make money for you right from the jump and give everlasting satisfaction. Write and get our proposition—our literature is free. Free Trial plan—best ever offered. Don't delay—Write for full information today.

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ELLIS S. SHELLY'S SINGLE COMB

RHODE
ISLAND
REDS

Eggs from six grand pens, headed by and containing
WINNERS AT

MADISON SQUARE GARDEN, PITTSBURG, WASHINGTON, D. C., and other leading shows.

Write for free illustrated catalogue.

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Know This 5,000 Egg Hatcher Before You Decide on Any



Most simple to operate anywhere; cannot over-heat egg chamber; only one lamp—less oil; double heating system—hot air and hot water; no thermostat but most even temperature; double air-spaces heated; no moisture problem; nature's ventilation—no draughts; hatches hen, duck, goose and turkey eggs at same time.

McCabe Incubators

—made in capacities up to 5,000 eggs. Finest construction and materials. Guaranteed to hatch every good egg. More advantages than any other incubator. Know them all. Get posted by writing for our honest little book.

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Chicago Winners : Buffs That Are Golden : Minneapolis Winners

Buff Wyandottes, Buff Rocks, Buff Orpingtons, Buff Leghorns and Buff Cochins, the Greatest winter laying and prize strain in America. 5,000 prizes to their credit. Eggs from Prize pens, \$2 per 15. Circular Free. Big 100 page book, 10c stamp—worth Dollars.

Ziemer's Buff Poultry and Bee Farm

Austin, Minnesota

Partridge and Silver Penciled Wyandotte Eggs

If you want the best eggs to be had from a line bred prize winning strain, bred, mated and exhibited successfully for twelve years and prize winners at such shows as St. Louis World's Fair, Chicago, Indianapolis, Indiana State Fair, Cincinnati, Cleveland, Ohio State Show, Missouri State Show, etc., place your order now and get eggs from the largest and oldest specialty breeders of these varieties in America. Our breeding pens contain only the very choicest high class prize winning specimens, send for mating list and egg circular.

Carver & Avey : Box A : Columbia City, Indiana

:: KAUFMANN & WINDHEIM'S ::**Rose Comb Rhode Island Reds**

Hold the world's show record and are known the world over as the great color strain. Eggs for hatching from noted winners.

Kaufmann & Windheim, Originators : Nutley, New Jersey

**KEATING'S CHALLENGE STRAIN
Columbian Wyandottes**

won at America's leading show, Madison Square Garden, 1909-1910, special silver cup for best collection. Boston, 1910, in the largest exhibit of any one variety at this great show; 213 birds exhibited by 29 exhibitors. Keating's Challenge Strain Columbian Wyandottes won 1st, 4th Cock, 1st Cockerel, 3rd, 4th, 6th Hens, 6th Pullet. Special best shaped male; special best colored male; special best Cock and 4 Hens; special best Cockerel and 4 Pullets; Special Best Collection. This record in the keenest of competition at these two leading American shows proves that Keating Challenge Strain leads all others. Eggs: I am better prepared to fill egg orders than ever before, and will sell eggs \$5 per setting; 3 settings, \$12. For Sale: Some Grand Exhibition Birds that can win anywhere, and Breeding Stock that will improve your flock. Describe your wants and state how much you are willing to invest, and I will tell you just what I can and will do for you.

J. P. Keating, Westboro, Massachusetts

PARSONS

BRED TO LAY AND EXHIBITION

S. C. White Leghorns and White Wyandottes

Standard Qualities—Have not been neglected, they are large, vigorous, active and handsome. Always to the front. Eggs, \$2 per setting; three settings, \$5. Stock a matter of correspondence.

PARSONS POULTRY YARDS

Jno. A. Parsons, 819 Hepburn Street, Williamsport, Penna.

Covert's Barred Rocks**WIN EAST AND WEST**

Look at this record—Cleveland, 1909, four regulars and color specials on female, on five entries; Chicago, December, 1909, 2nd hen, 2nd pen, 3rd cockerel, 3rd pullet and shape special on male; at Willoughby, 1910, 1st and 4th cock, 3rd and 5th hen, 1st and 2nd cockerel, 1st, 2nd and 3rd pullet, 1st and 3rd pen, and all specials, and two cups; at Buffalo, 1910, 4th cock, 4th hen, 5th cockerel, 3rd pen and shape special on male. Have the grandest pens mated to produce winners. Eggs, \$3, \$5, \$8 and \$10 per 15. Illustrated and descriptive mating list and catalog free.

Covert's Barred Rock Farm .. Willoughby, Ohio

feet? (3) If I keep Houdans and Cochins Bantams together will the Houdan eggs hatch straight Houdan chicks or will they be part Houdan and part Bantam? (4) What book gives information on fancy pigeons, especially Tumblers? R. G.

Baltimore, Md.

Answer—(1) No. (2) About half a dozen. (3) The chances are that the breeds would not become mixed. However, would not advise keeping them together. (4) See page 485 of our March issue for list of poultry and pigeon books.

Question—(1) Have some good chickens, S. C. R. I. Reds, and some S. C. Brown Leghorns. Will it be best to separate them? (2) How long can eggs be kept and hatch good? Should they be turned every day? (3) Will eggs chill in a well ceiled dining room in South Mississippi? B. S.

Battlefield, Miss.

Answer—(1) Yes. (2) Ten days to two weeks. Should be turned half over every day. (3) No.

Question—(1) Which is the best way to feed hens in the summer, hopper feed or by hand? (2) Which is the best way in the winter? (3) How can I make my hens molt early? (4) How long should it be before chickens hatched the first of May will lay? (5) Of what use is charcoal? R. A. R.

Belmont, Iowa.

Answer—(1) This is a question that we are unable to answer, as those using hoppers claim their system is the best and those who do not use hopper claim that hand feeding is best. They are both good. (2) The same answer applies to this as to question one. (3) Fowls can be assisted to an early molt by getting them quite fat and then starving them for about a week or 10 days, at which time the feathers will fall out very rapidly. Then heavy feeding is necessary to put on a new coat of feathers, quickly. Sunflower seed is good to feed during the molting period. (4) Five or six months. (5) Charcoal is an absorbent of gases and will aid digestion and sweeten the crop.

Question—(1) When incubating duck eggs should they be sprinkled to supply extra moisture needed? If so, when begin and how often? (2) What condition causes ducklings to become ruptured and die when leaving the shell?

Toledo, Ohio.

I. G.

Answer—(1) Moisture can be supplied during incubation of duck eggs by wetting a cloth in warm water and spreading over the eggs in the machine. This can be done about five days before hatching time. It is not always necessary to supply moisture. A moisture gage should be used to tell you when moisture is needed. (2) This condition is usually caused by the ducklings breaking the shell too soon, or before the yolk is entirely taken into the intestines.

Question—Which is the best incubator, hot water or hot air, and what is the best to raise chicks, on the ground or on the floor? G. A. H.

Wrightsville, Pa.

Answer—This is a matter of opinion. Some of the breeders claim hot air is the best, others hot water. They are both good. The bare ground is generally too cold for the chicks, therefore a floor is considered best.

Don't This Prove My Statement?



"I've Got the Goods"

trouble, it seems that the strongest claimants for honors should be able to produce a few for the fall shows or winter showing. Now you know what I have done, as well as furnished winners for sixteen years all over the country. Don't this prove

When I state my birds won at Philadelphia, Chicago, Washington, Scranton, Illinois State Fair, Memphis, Portland, Me., and at Vancouver (beating A. Y. P. and Toronto Industrial winners), as well as hundreds of other shows this season North, South, East and West? But, again, no distance is too great. The big Dairy and Crystal shows, England, were also gathered in by Duston's stock. I was physically unable to make an exhibit this season, but my record for three years at the hottest

White Wyandotte

show in the world, Madison Square Garden, where I won First Collection two years out of three, is a final proof. The best in the country shows up there if it can be bought. Just ask the boys what about the shows of '08 and '09, when practically all of the Boston winners of a week later never got a "look-in." Don't that tell of quality? The best judges say "it was the best judged class there has been at New York in years." Now, here is the prettiest part of the whole thing to me, and to my customers as well. I did not have to go out and put a small fortune into buying a whole flock or part of one. I just "toddled" up to my own houses, picked out my birds, washed them, and sent them to the show, winning first, fourth and fifth cockerel, first and third pullet, second hen (considered by many the most typical female in the show), fifth cock and second pen (only for the tail of the cock being injured in washing, the pen would have been an easy first), and first collection for the second time in three years. Never been equaled by any White Wyandotte breeder. Now, who dares stand up and say they won at New York on birds of their own breeding? It's interesting, this story of showing and winnings. It is expected that one may buy winners at times and perhaps for some years, but barring accidents and

Duston's White Wyandottes

are a winning strain and that "I've got the goods"? I can furnish the highest class breeding birds in cocks, cockerels, hens and pullets, also stock of medium and average quality; write me your wants today. Eggs ready to ship now from the choicest matings I ever sold from. You get the benefit of it this season. There is going to be a big rush. Order early. Price \$5.00 a set; two sets, \$8.00; three sets, \$10.00; five sets, \$15.00, or \$20.00 in hundred lots. Send 10c for illustrated catalog to the breeder that has made possible the World's Best Flocks.

Arthur G. Duston, Box 1020, South Framingham, Mass.

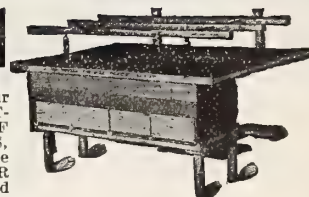


henery outfit shown above is but one of three styles and twelve different sizes which we make, so no matter how your house or pens are arranged, they can be completely and cheaply fitted up with POTTER SANITARY FIXTURES.

A \$40 Hen House

THE POTTER PORTABLE SANITARY HEN-HOUSE shown above is but one of several styles and sizes which we make. This house is 8x10 ft. in size, completely equipped with two Potter Outfits; two pens, room for 15 hens in each. Can you beat this house for \$40? We now make the complete line of Portable (K. D.) Poultry Houses, Brood Coops, Pigeon Lofts, etc., formerly made by the Sanitary House Co., of Lemont, Ill. Any poultry keeper wanting complete, up-to-date and cheap houses and coops of any kind should not fail to get our catalog fully describing these goods.

Don't Build



that new hen-house or think of fixing up the old one until you get our large 100-page catalogue (over 100 illustrations) telling all about POTTER SANITARY POULTRY HOUSE FIXTURES, VERMIN PROOF ROOSTS, PERFECTION FEED-HOPPERS, SIMPLEX TRAP NESTS, feeds and supplies of all kinds—just what the progressive, up-to-date poultry keeper wants to more profitably carry on his work. POTTER FIXTURES have been on the market over eight years and are used and recommended by thousands of poultry raisers. They are complete, convenient and sanitary and great savers of time and labor. The

Winter Layers

are what every poultryman wants, so that when eggs are high every hen more than pays for her keep. A full egg-basket means a full pocketbook. Why not take time by the forelock and get in line to have a flock of all laying hens, not half layers and half drones and barren hens that keep you just even because of expensive feed. It's easy to have a flock of all laying hens if you will only do the same as thousands of other poultry keepers are doing and use

THE POTTER SYSTEM

of selecting laying and non-laying hens and increasing egg-production. This is the original system which tells you how to keep a flock of only laying hens and thus get more egg-money. Right now is the time to lay your plans for a flock of winter layers by using the Potter System and picking out the layers from the non-layers, so that you keep only laying hens. You should not kill or sell a single hen until you know whether she is a layer or not. The Potter System teaches you this. Our 100-page book entitled, "DON'T KILL THE LAYING HEN," contains the complete POTTER SYSTEM and all the secrets of selecting laying and non-laying hens and increasing egg-production. Below we give a list of some of the subjects covered.

The Potter System Teaches You

How the Egg Grows; Nature Controls the Laying Organs; The Secret of the Potter System; How to Pick Out the Non-Laying Hen; How to Determine the First Stage of Egg Development; To Know How Far the Hen is Toward the Laying Point; How to Pick Out the Hen That is Laying; To Know the Hens That are the Most Prolific Layers; To Know How and When to Cull the Non and Poor Layers Out of the Flock; To Know the Ones to Sell and the Ones to Keep; Why Early Spring is the Best and Most Practical Time to Cull the Poor and Non-Layers Out of the Flock; How to Tell the Hen That Has Laid Out a Batch of Eggs and Other Information Regarding Setting Hens; The Best Way to Break Up the Broody State; How Eggs Can be Produced in Winter, and Some of Nature's

Laws Regarding Egg Development Explained; How the Laying Organs are Affected when the Hens are Infested with Vermin; How to Avoid Wintering Hens That are Likely to be Poor Winter Layers; How overfeeding Before Egg Development Starts May Reduce the Egg Production; The Laying Hen Should be Educated—When, How and Where; How to Separate the Poor Layers from the Good Without Handling, or How They will Separate Themselves; How to Buy Hens in the Fore Part of Winter, That would Make Good Winter Layers, and Sell Them again at a Good Profit in the Spring; How Roup and Similar Diseases Affect the Laying Organs of Hens; also How the Laying Organs Become Disabled by Other Causes; Ten Ways to Suspect Hens That are not Laying.

If you want your hens to make you more egg money this winter than ever before, you will not delay in writing for our large catalogs and circulars telling all about our fixtures, houses, etc., and the Potter System. Send two red stamps to cover postage on our catalogs and your request will have prompt attention. Potter Poultry Products are for Particular Poultry People, and if you are particular, you will write us today.

T. F. POTTER & COMPANY, BOX A, DOWNERS GROVE, ILLINOIS

Question—(1) What is best to feed young turkeys when first hatched? (2) Are the Buff Turkeys of as wandering a nature as the Bronze?

Answer—(1) In feeding young turkeys care should be taken and avoid feeding soft or sloppy food. Stale bread soaked in sweet milk or curd,

Mrs. E. M.

that they may be sold as market eggs if necessary? (2) Are hen or pullet eggs good for hatching strong chicks in late spring after they have been laying all winter, with a cockerel with them? (3) Under same conditions would their eggs prove good for hatching if not with a cockerel until spring? (4) Would fertility run high with 30

on the vigor of the male bird. If he is a good vigorous bird the eggs will hatch strong chicks. (3) Eggs would no doubt prove good for hatching within 10 days or two weeks after cockerel was put with them. (4) No.

Question—I have a poultry yard 150 feet by 150 feet and have divided this



FIRST PRIZE COCK - MADISON SQ. GARDEN, N.Y. BRED AND OWNED BY KELLERSTRASS FARM, KANSAS CITY, MO.



HIGHLAND QUEEN.

Second hen at Chicago; fourth at Buffalo, N. Y. Bred and owned by Covert's Barred Rock Farm, Willoughby, Ohio.

but never feed all they will eat. Chick food can be given as they get older. (2) All varieties of turkeys will roam more or less, Buff Turkeys are no exception.

Question—What is the best way to prevent fertile eggs from hatching so

hens where one cock is with them one day and another the next day?

Homestead, Pa.

R. B. F.

Answer—(1) We do not advocate any method of spoiling eggs for hatching, or killing the fertility. There are several methods of doing this, but we do not advocate them. (2) This depends

lot into five parts, making each pen 30x150 feet. I have built one house each on four of these pens with ground floor 6x6 feet, front of houses 8 feet high and back about 6½ feet, all houses covered with 3-ply tar paper. How many birds should I house in each house and keep in each yard and have



Champion Intruder, 1st cock and champion male, N. Y., 1908-9, both cocks and chks. competing. 3 of the last 4 champion males at N. Y. have been bred at Grove Hill.

MORE FIRSTS

*At Eight Madison Square Garden,
New York Shows on Barred Plymouth
Rock Males*

during the last nine years than all competitors combined by six and one-third per cent. Three out of the last four championships on males.

At the Last New York Show

Our Rocks won more prizes, more points than those of any competitors, 1st, 2d and 8th cocks; 1st, 6th and 7th cockerels, 3d hen, 3d pen, special for best four cockerels and best cockerel and four pullets. The best winners for the season of 1910-11 will be laid at Grove Hill. You can have an equal chance with us.

EGGS—\$5 per 13; \$18 per 50; \$35 per 100; as they run from our best yards. Specially selected eggs to meet your special needs at special prices. Some splendid breeding birds at moderate cost closely related to our New York winners. Send for winning sheet. Send for our mating list, the largest and most complete issued.

Grove Hill Poultry Yards : William Ellery Bright, Prop. : Box 410, Waltham, Mass.
A. C. Smith, Superintendent

success? I aim to keep the door closed a good deal of the time and have a small hole cut in some part of the house to let the fowls go in and come out, and would like to know at what place to cut this, whether front, back or at either side; I know either side or end would do, but would like to know which would be best. Each house is fronting very near east, is in

to destroy the mite on the roost besides a good disinfectant. C. W. P. Wilson, S. C.

Answer—In a house with 6x6 foot floor space you cannot successfully keep more than 6 fowls, and a house of this size is of but little value. You will have yard room enough for about 750 fowls, but you have made your houses too small. The openings should be cut

hen and she has a record of 222 eggs in 266 days. What kind of a record would you call that for the Rock family? (2) Do you think that a record like that would be good to advertise? Greenville, Pa.

A. P. S.
Answer—(1) This is a remarkably good egg record. Any time that a hen will lay more than 200 eggs she goes far beyond the average. (2) If you



ROBS BUFF 1.

First prize Buff Orpington cock at Minneapolis State Show, 1907; first at St. Paul, 1908. Owned and bred by Alf A. Zimmer, Austin, Minn.



FIRST PRIZE COCK AT PITTSBURGH SHOW 1909
GRAIG & MAPES CLEARVIEW MT. LEBANON PA.
OWNERS

a very good location except a little low and roly. I expect to have the nests in the house in each yard. I have not moved my poultry in this yard yet. Before or soon after they are moved in I expect to paint the inside of each house with coal tar. Do you think this a good idea? I have found it to be one of the best remedies

in the front of the house on the east side. Whitewashing the interior of the houses is better than coal tar. To the whitewash add a little crude carbolic acid. Coal tar can be used on the roosts, but would not advocate its use on the walls.

Question—(1) I have a Buff Rock

can produce fowls with a record of 200 eggs or more it would pay you to advertise that fact.

Question—Will you please tell me what to do to eggs to keep them from hatching and not injure them for food? Nolensville, Tenn. Mrs. M. S.

Answer—Take the male birds out of the pen.

VICTORY---Not Merely a VICTORY BUT A MADISON SQUARE, NEW YORK, VICTORY For BRIGHT'S BROWN LEGHORNS

Three firsts out of five or three times as many as any other competitor. First and second cocks on two entries; first and third cockerels on three entries; first pen on one entry. Don't forget that this line of birds has won the most notable victories in all Leghorn history. Pan-American, St. Louis and Jamestown Exhibitions, New York, 1906-7-8-9-10. Boston, 1903-1909. Some splendid males of both Cockerel and Pullet lines for sale. Some breeders of Sure Winners. Reasonable.

Eggs From our New York Winners, \$5 to \$15 per sitting.
Get a list of our winnings. : : : : :

Grove Hill Poultry Yards

William Ellery Bright, Prop.
A. C. Smith, Supt.

Box 410, Waltham, Mass.



GOOD TO KNOW

by C.W. Zimmer

This department is open to all readers and advertisers in the central territory and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, central representative, Ft. Wayne, Ind.

Notice—My friends and advertisers will kindly address all communications to American Poultry Journal, Chicago, Ill., and if you desire the matter to have my attention mark it, For Zimmer. Personal matter should be enclosed in a second envelope and marked "Personal."

The C-U-R-A Chemical Co., Dept. A, Akron, Ohio, have a remedy for roup, canker, gapes, throat and head trouble which is giving satisfaction. They send a sample free. Send for one.

If you breed Barred Rocks and want to make money out of the poultry business you should read the ad. of the Pittsfield Poultry Farm Co., 102 Main street, Pittsfield, Maine, on page 515. They breed a strain of Barred Rocks that are bred to lay first and afterwards they have produced the color and type necessary to win. They are prepared to supply you "baby chicks" or eggs for hatching; also offer to ship you breeding stock on approval. What more can you ask?

If you have anything "good" let the public know it. Good things, no matter what, always elevate, and that

is what we should all try to do in this world. Good things are scarce and always in demand.

The only way to know is to try an ad. in American Poultry Journal. We lead, others follow as a business bring-er as well as in other things.

Chas. Shields, proprietor Oak Nest Farm, Hookstown, Pa., was a prominent winner in both S. C. and R. C. Reds at the Pittsburg show.

Ben W. Wilhite, Crawfordsville, Ind., breeds some fine S. C. Black Minorcas and Buff Orpingtons.

The Connecticut Agricultural College is doing good work in educating students upon all phases of poultry raising. The course consists largely of lectures and demonstrations, but each student must do some practical work. Course begins July 5 and closes July 29 and the cost is very small. An illustrated prospectus may be had by addressing Prof. F. E. Stoneburn, Connecticut Agricultural College, Storrs, Conn.

Change of copy for your ad. MUST

reach us by the 15th of the preceding month.

Mr. Geo. Schmidt, breeder of the "Crown Prince Strain" of White Wyandottes, has won on his birds in the hottest kind of competition at Indianapolis for several years past. Send for mating list. Address Box Z, Martinsville, Ind.

C. C. Heron breeds Pekin ducks that are truly mammoth, and he has won many blues on them. He also breeds Black Orpingtons and S. C. White Leghorns, in which variety he sells baby chicks. His address is Box 22L, Hope, Ind.

Have the prices of eggs the past winter convinced you there is money in poultry? Better send for a setting of thoroughbred eggs and raise some birds to lay for you next winter, for eggs will be still higher another year.

It's easy enough to look pleasant and smile when everything goes your way. But the man that's worth while is the man with a smile when everything goes dead wrong.

Of course an ad. in the American Poultry Journal costs a little more. The best always does. But it's the cheapest in the long run.

Mr. Lawrence Jackson, who breeds White Orpingtons, reports winning four silver cups as special prizes at the Cleveland show.

Odenheimer & Odenheimer, Lumber-



Easter Offering

Beautiful Flowers : Choice Varieties

Our Easter Offering to you is this choice collection of ten most popular varieties, including all colors and lovely variations of color, which are easily grown, directions for growing accompanying each packet. With this select collection you will have a profusion of beautiful flowers all summer. If you love flowers, you should have this collection.

How You Can Get It Absolutely Free

Send us two new subscribers to American Poultry Journal at 50c and for your trouble we will send you one complete collection—10 full packets—including all colors in Sweet Peas, Cosmos, Pansy, Nasturtiums, Verbena, Poppy, Phlox, Aster, Alyssum and Mignonette.

We will also send a complete set to each of the people who subscribe. You should be able to secure two subscriptions in ten minutes. Your next door neighbor will want this beautiful collection and will also enjoy reading A. P. J., which is filled with valuable information on the successful rearing of poultry.

These 10 packets, if purchased at retail, would cost you at least one dollar, perhaps more, and we give them FREE.

HOW CAN WE DO IT—We wanted to make you an Easter Present, and early last fall we contracted for several thousand of these collections, getting an extremely low wholesale price; therefore, we can do it, otherwise we could give you about one package.

TAKE ADVANTAGE OF THIS OPPORTUNITY and secure your flower garden FREE. If you can't secure two subscriptions, we will extend your own subscription 1 year for 50c and send you one collection.

YOU MUST ACT QUICKLY or our supply may be exhausted. Address

American Poultry Journal Pub Co., 358 Dearborn St., Chicago, Ill.

World's Best Orpingtons

White, Buff, Black, Rose and Single Comb

Have won over 1,200 prizes, cups, medals, diplomas, etc., at such shows, as Madison Square, N. Y., Jamestown Exposition, Chicago, Ill., Philadelphia, Pa., Boston, Mass., Washington, D. C., Allentown, Pa., Easton, Pa., etc., etc. Over 60 acres devoted exclusively to poultry; several thousand breeders. Undoubtedly the largest Orpington farm in America. Please bear in mind that the Orpington is the most beautiful, popular and profitable fowl in America today. Lay more eggs than the Leghorn, grow faster than any breed in existence. No need of selling surplus stock to market when you start with **Haupt's Chicks, Eggs or stock.**

EGGS—Buff, Rose or Single Comb, \$2.00, \$5.00, \$7.00 per 15; \$12.00 per 100. White, Black, Rose or Single Comb, \$3.00, \$5.00, \$7.00 per 15; \$20.00 per 100.

CHICKS—Buff, Rose or Single Comb, \$3.75, \$5.00, \$10.00 per dozen; \$25.00 per 100. White, Black, Rose or Single Comb, \$5.00, \$10.00 per dozen; \$35.00 per 100.

Orpington Specialist Eleven Years

Fairview Farm, J. S. Haupt, Box 110, Easton, Pa.

Can start you right

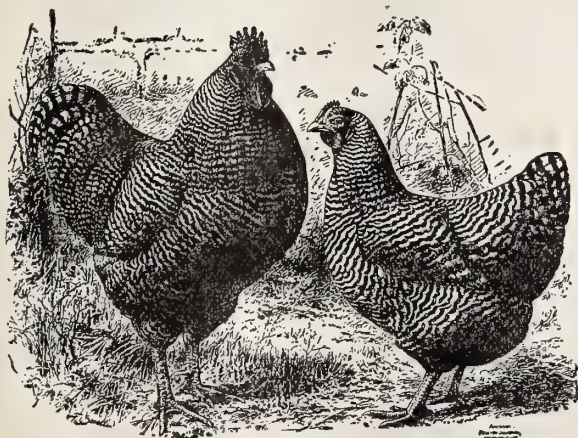
Catalogue free

Mating list

Inspection cheerfully invited every day except Sunday

"QUALITY" BARRED ROCKS

BREEDERS FOR SALE NOW



I have hatched a great number of chicks from my superb pens, hence all of my **CHAMPIONS OF THE BREED** are offered at low prices. There is time now for you to get some fine chicks from these excellent breeding birds. I have cockerel and pullet breeders in plenty and they will go at right prices. If you want some of the stuff that I have reserved for my own breeding get your orders in now. Before the egg season started I was sold out of stock and returned many orders. Now if you want the quality you could not get before let me know. Correspondence is a pleasure if you mean business. I have one thousand chicks growing and invite you to come and pick out what you want or will take great pains to tell you exactly what it is.

Amos Burhans

—:—

Box A, Waterville, Minnesota

CURE THE GAPES

without medicine or instruments of torture. Send \$1 to Mrs. A. L. Smith, Princeton, Ind., and learn how it is done. Satisfaction guaranteed.

R. C. WHITE LEGHORNS

World's best strain. Winnings at Buffalo International Show, 1910, and Detroit, Jan., 1910. Stock for sale. Eggs in season.

John O. Lacey, 55 Beacon St., Detroit, Mich.

**LEMBKE'S
Rose Comb REDS**

Our 1910 Catalog Ready. This Catalog is of our 1910 matings, tells about the stock in our pens, shape and color, score and winnings, etc. The best birds we ever owned are in our flock, and at the head of our pens. Chicks hatched from our eggs this season will be winners next winter. Send for our mating list, the finest of the season. It's Free.

Anna M. Lembke, Mgr., R. 5, Box 9, Griswold, Ia.

S. C. BUFF ORPINGTONS

S. C. Buff Orpingtons (Cook), W. I. Games (Royal), eggs \$2 per 15, \$5 per 50. White Rocks (Fishel), S. C. W. Leghorns (Knapp), Pekin Ducks (Rankin and Japanese direct), eggs \$1 per setting, \$5 per 100. Toulouse Geese (McClave), eggs 25c each. All stock farm raised and are vigorous and healthy. Satisfaction guaranteed.

C. L. McFERRER - BELLVILLE, OHIO

**HEWES' FARM BLACK
LANGSHANS**

Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

R. A. HEWES : : CRETE, ILL.

PARSON'S BAR'D ROCKS

WIN FIRST PRIZE WHEREVER SHOWN—Our original stock was selected from one of the most noted prize winning yards in the country, and by careful selection and mating we have produced a strain that is not excelled anywhere. Write today for what you want and mention American Poultry Journal.

Charles Parsons & Son - - Conway, Massachusetts

EGGS : EGGS**White Leghorns and White Rocks**

The Two Best Egg Strains on Earth! Will spare a few settings from the above at \$3.00 per 15. A good hatch guaranteed.

RIVER VIEW POULTRY FARM, BURLINGTON, IA.

**C-U-R-A
ROUP AND CANKER REMEDY**

Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. Mention this paper. Send 14 cents in 2c stamps and receive a 50c box by return mail. This offer may not stand long, so hurry.

C-U-R-A CHEMICAL COMPANY., DEPT. A, AKRON, OHIO

S. C. REDS

That Win. I won at Ohio State Meeting at Youngstown, O., Lester Tompkins judging; 1st and 3rd pen, cup on best pen of old stock, cup best pen young. Send for mating list.

Homer Slagle, Poland, O.
State Vice-President of the Ohio State Branch

**ALLISON'S
BUFF ROCKS**

World wide winners. Fine lot of birds for sale; send for list. Eggs \$3 and \$5 per set.

E. C. Allison, Edinburg, Ind.

ton, N. J., breed exhibition quality S. C. Reds and are prepared to supply you with stock or eggs.

* * *

A long felt want is now supplied in a guaranteed cure for white diarrhoea. You can get this remedy of the Coleman Co., Lexington, O. They also make the Eureka Tonic and Roup Tablets.

* * *

J. M. Kline, Downers Grove, has been breeding White Wyandottes for eighteen years and for many years has been producing birds that have won gold medals, silver cups and blue ribbons galore. See his ad. elsewhere.

—o—

WHY HE BREEDS BUFF LEGHORNS.

During a recent conversation with Mr. F. A. Tecktonius, Racine, Wis., we asked him to tell our readers how he came to

that it seemed evident that I must again 'begin at the beginning' and determine by actual test the most profitable breed, and the most practical way of handling them.

"This decision resulted in the purchase from noted breeders of seven popular breeds, viz., S. C. White Leghorns, P. C. Brown Leghorns, S. C. Buff Leghorns, Barred Plymouth Rocks, White Wyandottes, Black Langshans and Buff Cochins.

"These different pens received an entirely impartial test, supplying the same kind of quarters, the same systematic feeding, and keeping close record of the feed, production of eggs and condition of the fowls. There was no marked advantage in a five months' record—not until the moulting season began (commencing July 1 and ending in November.)



FIRST PRIZE COCKEREL, NEW YORK, DEC 27 1909 JAN 1910
BRED & OWNED BY DWY YOUNG, MONROE, NEW YORK, U.S.A.

The S. C. White Leghorns produced by Mr. Young have grand size and wonderful shape; these, with excellent head points, combine to make an ideal type of Leghorn, the equal of which are hard to find. The cockerel shown above possesses this combination and furnishes the reason why the Young strain of White Leghorns win.

start in the fancy poultry business and why he took up the breeding of Buff Leghorns. Following is what he says:

"As to the business of poultry raising, I was first impressed by the good profits being quietly made by a number of persons within range of my observation. I began to investigate—became interested—and like most of my fellow workers in this line, am now an enthusiast on poultry raising and breeding in general, as a business, and the raising and breeding of Buff Leghorns in particular.

"I lost much valuable time in the beginning through my efforts to create a practical and profitable working basis by culling a general knowledge of poultry raising from poultry journals and the literature of the best authorities, only to find such a general diversity of opinion

"A severe test as to the hardness of the different birds was shown with the development of rouse among the Rocks, occupying a pen with the Wyandottes next on the right, to which the disease was soon communicated, while the Buff Leghorns (immediately to the left) showed no indications of being affected by the disease.

"After these tests, favoring the S. C. Buff Leghorns to the extent of resisting the most common and dreaded poultry disease, I had to appreciate their worth and felt entirely satisfied as to the choice of breed I must make, although I'll admit that my knowledge was gained at considerable expense.

After disposing of all other breeds and increasing my stock to the number of 400 of the finest single comb Buff Leg-

horns that it was possible to purchase, I found a great amount of work in systematizing and perfecting, which I did by adding to my breeding pens many of the leading prize winners of the country. However, not until I felt that I had completed my stock and had added my own winnings from the principal city exhibits of the country, did I begin to advertise, and I am now able to fulfill any promise made and to stand back of every advertisement with a guarantee of satisfaction to every purchaser of my birds.

"My advertising consists almost entirely of as interesting, concise and attractive copy as (in my opinion) it is possible to produce, carried in the leading poultry journals. Although a thorough test has not been made of the 'general' publications in which poultry advertisements are sometimes carried, I am very well assured that I am using the best mediums for the poultry business.

"Coupled closely with the Journal advertising, however, I endeavor at all times to give entire satisfaction, which always proves to 'win out' as the best 'advertising medium' for actual case results and repeat orders.

"The Buff Leghorn is the result of scientific breeding by English breeders, who became interested in a yellow bird with Leghorn form shown in Denmark in 1885. After many years of conscientious and careful work, the Single Comb 'Buff' Leghorn was introduced and established as a distinct breed.

"The first Buff Leghorns brought to America was by Mr. A. D. Arnold, of Dillsbury, Pa., in 1892, who purchased the first prize cockerel and pullet of Buff Leghorn breed, paying \$325 for the pair. From these prize birds came the stock from which I purchased from breeders.

"The Buff Leghorn has great advantage as a product of Denmark and England in being able to successfully resist cold and disease in our own climate. Because of this hardiness, breeders of these birds assure that not more than 2 per cent are lost in breeding.

"Buff Leghorns develop quickly and are thus able to protect themselves early by getting up and out of reach of vermin when roosting. This is a feature that greatly lessens the per cent of loss in brooding.

"The Buff Leghorn is not only one of the most hardy, but most active of all domestic fowls. This activity enables them to resist or readily throw off disease, as it assures their exercising, even when cooped up in small space. Many times they have seemed immune to contracting disease, when other breeds were easily infected.

"The activity of the bird also makes them excel as self-providers, which is a quality not to be overlooked, as this natural disposition to forage their own living is another mark of hardiness. Because of their activity they keep warmer and require less heat during the cold season than almost any other fowl, and in an item of expense, when a large number of birds are kept, this is a quality worthy of mention.

"The above named attributes can only add to the general healthiness of the fowl at all times, and with reasonable protection and care the common chicken diseases will not pervade the pens of Buff Leghorns. They readily adapt themselves to their quarters, and if not treated harshly are not wild.

"As the Buff Leghorn is the popular weight for market purposes, they are always an easy seller, and ready buying



125 Egg Incubator and Brooder Both For \$10

Why pay more than our price? If ordered together we send both machines for \$10.00, -freight paid east of Rockies. Hot water, double walls, dead-air space between, double glass doors, copper tanks and boilers, self-regulating. Nursery underneath the egg-tray. Both Incubator and Brooder shipped complete, with thermometers, lamps, egg testers—all ready to use when you receive them. All machines guaranteed. Incubators are finished in natural colors showing the high grade lumber used—no paint to cover inferior material. If you will compare our machines with others offered at anywhere near our price, we will feel sure of your order. Don't buy until you do this—you'll save money. It pays to investigate the "Wisconsin" before you buy. Send for the free catalog today, or send in your order and save time.

WISCONSIN INCUBATOR CO., Box 50, Racine, Wis.

Didriksen's Champion Black Minorcas

Single and Rose Combs. Chicago, 1909. winnings—1, 2, 5 hen; 1, 4, 5, chl; 2, 3 pullet; 4, 5 cock. Single combs—2, 4 hen; 2, 3 pullet. Rose Comb, Buffalo, N. Y., 1910, on four entries—1, 2 hen; 3, 4 pullet. Can furnish single bird, pairs, trios or pens. Eggs from prize-winning pens, \$5 per 15, \$9 per 30 eggs. Satisfaction guaranteed.

A. Didriksen - - - Whitewater, Wis.

Glendale Poultry Farm

Standard bred White Plymouth Rocks and White Wyandottes. Perfect beauties, snow white. Red eyes, yellow legs and fine head points. Most remarkable layers. Just to get acquainted, will sell eggs from my two strains, \$2 per 15. In hundred and thousand lots, \$6 per 100. Fertility guaranteed. White Holland Turkeys—Birds that score over 95 points, \$2.50 per 9 eggs. Booking orders now. Limited number. Perfect satisfaction assured. 40 acres devoted to my birds. Choice pullets of both strains, weigh 6½ to 7½ pounds. All laying, \$1.50 each. Have five hundred to select from. Cockerels and cock birds for sale. Fine breeders. Good chance to get a start with choice stock. No better anywhere. Stock for sale at all times.

R. F. D. No. 2 : : ATKINS, MICHIGAN

Single Comb White Leghorns and Rose Comb Rhode Island Reds

Our birds are better than ever, and to prove it, look up my winnings at Buffalo on S. C. W. Leghorns: Won 1, 3, 5 cock, 1, 3, 5 hen, 1, 2, 3, 4, 5 cockerel, 1, 2 pullet, 1 pen, 130 in class. A few sittings of eggs to sell and stock in season. Write your wants and see what I can do for you.

Harlo J. Fiske : Manager Skylands Farm : Sterlington, New York

Buff and White Rocks

Winners wherever shown, including Madison Square Garden, St. Louis and Detroit, winning the blues in both varieties wherever shown; also 3 silver cups and 4 specials for shape and color. Have mated some GRAND PENS THAT WILL PRODUCE EXCELLENT SHOW BIRDS. Eggs, \$3.00 and \$5.00 per 15.

CADILAC POULTRY FARM, W. J. H. GOETZ, 1150 CADILAC AVE., DETROIT, MICH.



Barred Ply. Rocks

The "HOOSIER STRAIN" again outclassed all competitors at three of the largest quality shows of 1910, Indianapolis, Fort Wayne and Anderson, winning six firsts out of a possible eleven, three seconds, one third, one fourth and six special prizes.

EGGS FOR HATCHING from the greatest quality matings on earth containing all of my recent winners, \$5 per 15, \$8 for 30.

From high class utility matings, \$1.50 per 15; \$7 per 100. Mating list free.

G. Earl Hoover, R. 24, Matthews, Indiana
State Secretary A. P. R. Club : : Member A. P. A.

SILVER LACED WYANDOTTES

At Chicago we won 1st Cock, 3rd Cockerel, 4th Pullet in strongest competition. At West Michigan Show a clean sweep and Special for Best Display in show, this for the second time. A few extra fine birds at reasonable prices. Write for egg circular.

Clare E. Hoffman - - - Allegan, Michigan

Dark Cornish and White Indian Games

1st Cornish cock and 1st pullet, Allentown, 1909. 1st White Indian ekl., 1st pullet, 1st pen. Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J. when writing.

JOHN A. MILLER :: NAZARETH, PENNSYLVANIA

SHANN'S S. C. BLACK MINORCAS

have won this year at four of the leading shows, Cleveland, Youngstown, Willoughby and Ashtabula on 33 entries in strong competition, 16 firsts, 9 seconds, 6 thirds, 1 fourth, 3 silver cups, including State Club cup, 16 club specials and several other specials. Eggs from these grand birds now ready and guaranteed to hatch regardless of distance. Send for mating list.

H. J. SHANN - - - PAINESVILLE, OHIO

White Wyandottes --- Eggs

From stock that has a winning record at America's largest shows, such as Indianapolis, Pittsburg, Chicago, Springfield, Jamestown exhibition and others. We have 8 grand pens mated and from these will sell eggs at \$5 per 15, or \$9 for 30, \$13 for 50 or \$25 per 100. We guarantee fertility. A few good cockerels yet for sale. All stock farm raised and have the size, strength and vigor.

Dippel & Pierce, Office 114 North Delaware St., Indianapolis, Ind.

Eggs For Hatching

From Single Comb White Leghorns. Don't place your order for that setting of eggs until you hear from us. We breed from nothing but the best. We can furnish you eggs from the best in the country. Fertility and safe delivery guaranteed. Send for mating list. We sell to everyone; we can sell to you. Our motto—"A fair deal."

Turley & Scobee Box M Mt. Sterling, Kentucky

HANLON'S BUFF LEGHORNS

— BLACK ORPINGTONS —

Produce the winners. They have won the best prizes for years at Madison Square Garden, Jamestown Exposition, etc. A few extra choice Black Orpington cockerels for sale. EGGS, best pens, \$5 per 13, \$9 per 26.

PHILIP HANLON, JR. :: WATERTOWN, NEW YORK

White Plymouth Rocks

In a large class at Milwaukee, 1910, I won 1st pullet, 3rd cock, 4th cockerel and 7th hen. Among Ft. Atkinson winnings were all firsts and gold special for best display in American class. These winners are mated in two pens to produce Quality White Rocks.

W. R. Abbott - - - Fort Atkinson, Wisconsin

**S. C. AND R. C. REDS**

The brilliant Dark Red kind that win the blue. Cock in cut won 3rd at late Madison Square Garden Show. At Pittsburg, Pa., in hottest Red show of the year I won 6 regular and 6 special prizes in R. C., and 10 regular and 4 specials in S. C., including diploma and 2 silver cups. All winners are in my pens; will sell you these eggs reasonable. Write for mating list.

Oak Nest Farm, Chas. Shields, Owner, Hookstown, Beaver County, Penna.

**Barnett's Poultry Farm
BARRED PLYMOUTH ROCKS**

E. B. Thompson Pure Ringlet strain. All of my pens are scored. Eggs from \$2 to \$3 per setting of fifteen. : : : : : : :

G. A. Barnett - R. R. 1 - Clinton, Illinois

means that the top of the market price can always be had.

"There has been much discussion regarding the producing of the uniform Buff color from Buff birds, some claiming after some failures in breeding (resulting mostly from their own errors) that Buff chickens will not be produced from mating Buff birds.

"Because of the higher coloring in the male birds (as is usually the rule) and the proclivity of the males to show this high color, I will admit that it is a very difficult matter to entirely eliminate this tendency, and this is a matter which should indeed receive serious attention from all fancy breeders.

"It is a fact that it requires careful and persistent effort to obtain entirely satisfactory results. There are many points that demand special treatment, regarding the proper method of eradicating hereditary tendencies, but space prohibits giving details in this article.

"But if the mating of birds is carefully graded until there is no foreign color of any kind, there will be no further inclination toward white or light color in the results of the mating. It requires, as a rule, three generations to firmly establish any pure feature.

"We breeders have all experimented more or less with the housing of chickens, and I presume I have gone in for my share of experimenting. But I also believe, in my case, that this has not been in vain, as I have reaped some valuable experience, the results of which can only be given briefly in this short article.

"My experience has taught that the first and most essential requisite to the raising of strong, healthy poultry is plenty of fresh air, at all times. Consequently my poultry buildings are all of the fresh air type.

"Second, there must be thorough cleanliness and sanitation; therefore I put concrete floors in my buildings as an assurance of these conditions.

"As to arrangement of buildings: At the front, back and end of buildings are air spaces of four inches, with tar felt on outside of studs, as also on the inside, to insure absence of drafts. Sheeting and drop siding are the only means employed for maintaining a suitable temperature in the roosting quarters—these all being located at the north wall, directly below a run of series of exhibiting (or hospital) coops, which serve the purpose of a roof for the roosting quarters.

"At a distance of two feet and four inches below the hospital or exhibition coop floors are the dropping boards. Hinged to the bottom of these are a series of nests twelve inches square, these being supported by hangers from the joists of dropping boards above referred to, and which still allows 1 foot 6 inches between bottom of nests and the main floor. With this plan of construction the birds, when at roost, are confined to a space of 2 feet 4 inches by 3 feet 6 inches, the latter being the depth of the dropping boards. And for use during the severe winter weather (when the mercury is below zero) there is a canvas curtain which hinges to the hospital floor joist, dropping directly in front of the roosting place, thus confining and making use of the natural heat generated by the fowls while roosting. Each pen is provided with a skylight, this supplying light to all sections of the pen, when used in connection with the correct shed roof construction. To be more definite, my buildings measure on the north side 8 feet high and on the

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : : KEY, OHIO

BEAUTIFUL

Line bred R. and S. C. Buff Leghorns. Eggs, 15, \$1.50; Silver Spangled Hamburgs, eggs, 15, \$1.25; 100, \$5.00.

W. D. McNaughton : : Tompkins, Pennsylvania

**Sicilian : :
Buttercups**

Buttercups lay continuously. Our beautiful birds are direct from Sicily. We won firsts at Knoxville, honor prize at Baltimore. Eggs for hatching from these prize winners. Correspondence is a pleasure. 3-1 MRS. J. S. DUMARESQ, Easton, Maryland



2-3 HARVEY L. FIKE, Meyersdale, Pennsylvania



WHITE PLYMOUTH ROCKS, GOOD size, shape and color, and lots of vigor. My birds are not only standard bred but bred for egg producing excellence. Eggs from four grand pens, \$2 and \$3 per 15; \$3.50 and \$5 per 30; \$9 and \$12 per 100. Eggs that will hatch birds that will prove a pleasure and a profit. Satisfaction guaranteed. Quality, not quantity, is my motto. ELBERT E. LAWRENCE, Box 102, Craig, Mo. Member White Plymouth Rock Club. Member B. N. P. Club. 4-1

S. C. REDS

My Reds are perpetual layers. Bred from Indianapolis, Cleveland and Chicago winners. First pen headed by a son of 2nd Chicago cock, 1909. Eggs, \$1.50 and \$3.00 per 15. Write for mating list.

H. F. Kennerk R. F. D. 7 Fort Wayne, Indiana

**Ideal Poultry Land
5 Acres \$125**

\$5 Down, \$5 Monthly

Only 19 miles from Atlantic City, N. J., the greatest summer and winter health and pleasure resort in the world. Handy to other coast resorts and New York, Philadelphia, Baltimore and Washington, the best markets in the country.

Location and other natural advantages are not excelled anywhere. Climate is mild and healthful. Plowing was done in this locality during every month last winter. Winter eggs and early broilers bring highest prices in the markets.

Berries, fruits and vegetables can be produced with good success, insuring an income from the land during practically the entire year.

Large manufacturing town nearby. Title insured. White people only. Booklet free. Write today.

FRAZIER COMPANY,

691 Bailey Bldg., Philadelphia, Pa.

front 5 feet, the roof in all cases having a covering of rubberoid.

"With further reference to the pens, each has an opening of 2½x4 feet, with an outside covering of a good grade of muslin cloth. On the inside of the opening there is a canvas frame swinging on hinges; this, during mild weather, being kept hooked up to the ceiling joist, being lowered, of course, during severe weather.

"Directly west of my main breeding pens and joining to same is my granary and shipping room, 22x14 feet in size. To the west again of this building is the corral for the free range flock, this being arranged in the same manner as the breeding pens above referred to. Here the birds have free range of the entire grounds at will, thus getting plenty of exercise and a variety of natural food which they work for themselves, thus insuring their strong and healthy condition at all times.

"The outside runs of the breeding pens are 10x80 feet, and at the farther end is a watering trough, 7 inches wide by 4½ inches deep, this being connected by pipe to the overflow from the farm well. All pens and colony houses are equipped with automatic feeders, which I find very convenient and practical. A dust bath 2½ feet square is also placed in each pen.

"Much discussion is given to the feeding and care of the young chicks, and it is indeed a subject demanding careful consideration, as much unnecessary loss is often realized from lack of knowledge regarding first feeding.

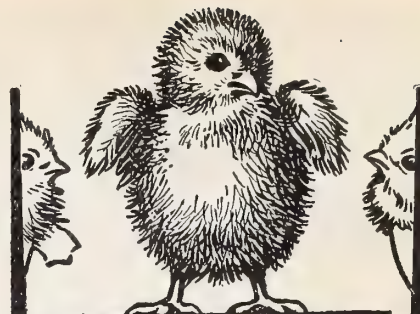
"After following the best methods suggested by others, coupling the while with my own extensive experimenting, I believe I can now assert that the method I have used with reference to the feeding and care of Single and Rose Comb Buff Leghorns, for the past seven years, is a success."

BABY CHICKS OF HIGH QUALITY.

We wish to call particular attention to the fact that the Pittsfield Poultry Farm Co., 102 Main street, Pittsfield, Me., are offering baby chicks for sale from their high grade Barred Plymouth Rocks. This firm is one of the most extensive producers of Barred Rocks in the country, and when you buy eggs or baby chicks from them you can depend on getting just what you pay for. They mail free their large illustrated catalogue and we ask our readers to send for it and place their order now. To insure prompt reply be sure and address 102 Main street, Pittsfield, Me.

Naumburg & Booth, 1532 West Bancroft street, Toledo, Ohio, are breeders of the White Quill White Wyandottes and S. C. White Leghorns, and make a specialty of supplying winners in this variety to those who are unable to produce them. Birds of their breeding have been winners at Detroit, Toledo, Ithaca, Marion, Wapakoneta, Elmore and Sylvania. They have mated up a number of extra choice pens of both varieties this season and are now prepared to fill all orders promptly and satisfactorily. Write them for prices and particulars and mention American Poultry Journal.

Who said American Poultry Journal doesn't lead?—188 pages for March; 164 is as close as the follow—the others, I mean.

**Is It Worth \$1.00?**

You can make every chick you can raise worth a dollar to you. Other poultrymen are doing it. You can't afford to lose a single chick. Insure their lives by using

GERMOZONE

The poultry medicine with a *quarter century's* actual experience to back it up. Not only *cures* but *prevents* all chick diseases. It builds them up; enables them to successfully withstand the ravages of

Bowel Trouble, Diarrhoea, Roup, Canker, Bronchitis, Inflamed Throat, Swelled Eyes or Head, Watery Eyes or Nostrils, Sleepy Disease, etc.

Germozone is easy to give and almost certain in results—simply place in drinking water—chicks take their own medicine. Also excellent for applying outwardly to cure Bumble Foot, Chicken Pox, Frosted Comb or Wattles. Ask your dealer. Don't forget the name and don't take a substitute. If he does not have it send us 50c and we will send to you *prepaid* and with it one of the most practical books ever published, "Lee's Chicken Talk," written by Mr. Lee himself. Address

**GEO. H. LEE CO.,
1101 Harney St., Omaha, Neb.**

Farm Journal

Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper. : :

Wilmer Atkinson Co., Philadelphia, Penna.

SINGLE COMB RHODE ISLAND**REDS**

Large size, good shape and color, from hen raised stock. Won 11 ribbons at Trenton, Red Bank and Orange this past season. Eggs, \$2 per 15 straight.

Elmer G. Dean : : Morganville, N. J.

100 EGG

Incubator with triple walls, copper tank, regulator, nursery, chick drawer, clear top, 26x21x31 high. Why not pay \$2 or \$3 more and get this good one? Price \$10; freight paid east of Rockies.

GEO. ETEL CO. 102 Kentucky St. QUINCY, ILL.

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free. Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

75c Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

COULTER'S REDS

Rose Comb Exclusively. Won 2nd cockerel, 2nd, 3rd, 4th and 5th hens, 5th pullet at Cincinnati; 1st pullet, Chicago; 2nd and 5th pullets, 3rd and 5th hens, Indianapolis. All 1sts and 2nds, and \$10.00 gold piece for highest scoring pen of parti-colored birds at Frankfort, Ind., show; only three, out of 25 birds shown at Frankfort, scoring less than 90, and they were underweight. Write for mating list. Maywood Farm (150 acres).

Chas. C. Coulter : : Frankfort, Indiana

CLEAN BREAD CRUMBS

No better feed for young chicks can be made. Price, 25 lbs., \$1.25; 50 lbs., \$2.40; 100 lbs., \$4.75, f. o. b. Broken bread, \$1.50 per 100 in lots of not less than 500 lbs. Lots of 800 to 1000 lbs., \$1.25 per 100 lbs., f. o. b. Sample chick feed, 10c. Sample bread free by express.

W. S. Chilcote : Congress Park, Ill.

S. C. Brown Leghorns

15 splendid cockerels, \$2.00 to \$5.00; 3 well-mated pens at \$10.00 each. Eggs from two matings after March 1 at \$1.50 per setting. Winners at Iowa State Fair, Cedar Rapids and Chicago.

A. E. Banta, Box 23, Wheatland, Iowa

S. C. Buff Orpingtons!

Won first pen at New York, 1908 and 1909, with 15 pens competing. We have decided to sell a few eggs this season at \$1.00 each. Write for full particulars. I ship stock C. O. D.

Z. D. Struble, Lock Box 16, Bascom, Ohio

White Wyandottes

Of Quality. Eggs from birds scoring 92½ to 95¼ \$3 and \$5 per 15. Eggs from farm range flock as they run. \$5 per 100; selected \$1.50 per 15; \$2.50 per 30; guaranteed 75 per cent fertile. Satisfaction guaranteed.

H. L. Logue, Box 68, Neponset, Illinois

Feed Sound Grain

"U. B. Egg Producer" and "U. B. Chick Starter" are balanced rations and contain only selected sound grain. Let us send you samples and quote you prices.

The Haynes Milling Co.,
Portland : : Indiana

R.C. REDS

Our Stock is bred direct from "Gold Medal Winners," and has rich RED color, and good type. SUSAN, the foundation of the Flock, has a record of over 200 eggs a year. Eggs, \$2.00 per 15; BABY CHICKS from \$2.50 to \$4.00 per doz.

Wauhsara Cottage, 5731 Rosalie Ct., Chicago, Ill.

S. C. BROWN LEGHORNS

Madison Square winners, 1909-10. Eggs for hatching from special matings \$3 and \$5 per fifteen eggs.

Kittatiny Poultry Yards

C. L. Puder, Proprietor : Irvington, New Jersey

LETTERS from our SUBSCRIBERS



American Poultry Journal.

Dear Sir: Replying to enclosed letter regarding the formation of an S. C. Black Leghorn Club, would say that we should be more than pleased to have you assist us as far as you can in the formation of it. Any one that is interested in it can get more full information by writing to S. M. Breed, of Cinninnatus, N. Y., or to myself.

Thanking you in advance for what

not asked for by Mr. Moxley, but is due him, as many catalogs have been mailed already and this is the only way justice can be done him. Mr. Moxley's gentlemanly attitude in this matter is greatly appreciated and I greatly regret to have inadvertently taken credit not due me.

Milton W. Brown.

Editor American Poultry Journal.

Dear Sir: I wish in the interest of



Single Comb Black Orpington pullet, weight 9 pounds, never exhibited. A bird wonderful in type and color. Bred and owned by Will H. Schadt, Goshen, Ind.

you can do, and hoping at some future time to repay, I remain, yours respectfully,

E. C. Babson,
Danielson, P. O. Box 329, Conn.

Editor American Poultry Journal.

I would be very glad if you would note in your paper that a testimonial that appears in my catalog from Mr. C. A. Moxley, of Taylorville, Ill., was published in my catalog through a misapprehension. Mr. Moxley advises me that the bird referred to was not hatched from eggs bought of me, as I had supposed from his letter, and so the credit does not belong to me. This notice in justice to Mr. Moxley was

that grand breed, the Buff Plymouth Rock, you would allow me a small place in your valuable journal. Last month I inserted a small classified ad. and have been busy since the 2d of the month. It certainly pays to advertise in American Poultry Journal. One fancier I heard from, however, has got me guessing, so I thought perhaps some of the thousands of American Poultry Journal readers could help me out. He wanted a cockerel and this is his description as I copy from his letter before me: "I want one 6 or 7 lbs., heavy legs, not over 1 year old, golden buff to skin, bay eyes, yellow wattles and ear lobes! Cinnamon tail, no black

feathers.' Now if anyone has a cockerel of this description I would be pleased to hear from them, as I certainly have a desire to see one of that kind. I have some beauties, but mine have red wattles and ear lobes, so you may readily see I failed to make a sale there. The gentleman did not state what he thought would be a suitable price, and poor me, ignorant of such a creature with "yellow wattles and ear lobes," must confess I'm stumped. Centralia, Ill. H. L. Ragsdale.

Editor American Poultry Journal.

We showed some S. L. Wyandottes this season at East Liverpool Dec. 26-31, 1909, and at Masillon Jan. 5-9 1910. At East Liverpool under Judge Emmel we won first and second cock, first and second hen, third pullet and second pen. At Masillon under Judge Gault we won first hen, second and third cock, third pullet and second pen. We showed at Wheeling, W. Va., Jan. 17-22, and our birds did not win any firsts. At Liverpool Emmel gave us the following scores: First cock, 92¼; first hen, 92¼; second hen, 92; third pullet, 92¼, and the pen, 182.25. At Masillon Gault gave us: First hen, 93¼; second cock, 90¼; third pullet, 90¼; second pen, 182.18. Now as we understand the rules of shows a bird is not eligible to first unless a score of 90. Any one at a glance can see all our birds beat this mark, but still Mr. Miles, the Wheeling judge, did not give them any firsts, although nothing beat us but cock bird. If our birds were not in condition we would not say a word, but I know they were as good if not better than either of the other places. Now what should one expect from a judge? When we asked Mr. Miles his reason he did not seem to have any except that they were not good enough. If a hen scoring 92¼ and 93¼ is not good enough we want Mr. Miles to tell us through your paper what he considers a first prize hen. Smithfield, Ohio. Linn & Bargar.

Editor American Poultry Journal.

Dear Sir: We are frequently asked through our daily mail our reasons for breeding the Single Comb Buff Leghorns and invited to state the favorable points in them that have contributed to our success. In reply to the first question, there is but one answer: We consider the Single Comb Buff Leghorn the most profitable domestic fowl in existence. In the acknowledgment of the second interrogative, we wish to call your attention to the following merits of this variety as factors of success which are conclusive proofs of their true sterling worth.

Single Comb Buff Leghorns are very hardy, showing wonderful vigor and vitality both as chicks and mature fowls, whether kept in yards or on free range. We have never seen a fowl that would reach 1½ to 2 pounds as quickly as these. Repeated tests have proven that they will dress out a larger per cent of edible meat of superior delicacy than any of the five or six larger fowls that we have tested. As layers of large white eggs they can not be excelled. They are larger than the other varieties of Leghorns, do not show dirt like the Whites and breed truer than the Browns. There is not a Buff bird in the American Standard of Perfection that will compare with them in the perfection of color, and as mated by us one hundred per cent of exhibi-

LET CHAS. A. CYPHERS SAVE YOU 50% ON AN INCUBATOR

I Can Do It, Just As I Promised I Would



MY new incubator—The Buffalo—has made good in every direction. Every practical poultryman who sees it wants one at once. It is no experiment, but a demonstrated, proven success. It has all the quality of the best high-priced incubators at *Just Half the Price*. In spite of the urgent requests from my many poultry friends for a cheaper incubator, I always said I'd never make a low-priced incubator unless I could make one as good as the high-priced kind my name has always been associated with. *I Have Made Good*. My principle is sustained and the demand of my friends gratified. I am proud of my new creation. The Buffalo is simply a wonder. There is nothing cheap about it but the price. I offer you an article that is second to none in durability, reliability, or quality. You can't get a better incubator than The Buffalo, no matter how much you pay. I guarantee to actually save you one-half.

THE BUFFALO MADE BY CHAS. A. CYPHERS IS BEST OF ALL

for I have retained and developed the same correct principles of internal construction used in my former designs. My new creation has all the good features of the incubators I have made in the past, without the high price. The materials are the best money can buy. Where I make the big saving is in the method of manufacture. I simply cut loose from the old stereotyped ideas and worked out a new system of machinery, tried out different materials that cost less, but are just as good as others use, and are far more practical. This enables me to save you just half.

The Buffalo Is a Marvel!—Weather-proof, fireproof, easy to care for, economical to operate, sure to give a high percentage hatch, and guaranteed to do all or more than any other incubator on earth will do, no matter what the price. If there ever was a perfect incubator, it is The Buffalo.

Compare these prices with what you formerly paid for my Incubators and Brooders. The prices are a third or half less, while the quality is just as good. Without fear of contradiction, I can say the quality is better.

50 Egg size Buffalo Incubator.....\$ 8	300 Egg size Buffalo Incubator.....\$20
100 Egg size Buffalo Incubator..... 11	Buffalo Colony Brooders..... 10
200 Egg size Buffalo Incubator..... 15	Buffalo Indoor Brooders..... 7

CHAS. A. CYPHERS

PRESIDENT, BUFFALO INCUBATOR CO.

4700 Ellicott Square

Buffalo, New York

STYERS' COLUMBIAN WYANDOTTES

Our stock has won prizes at Chicago, New York and other great shows. If you want to raise chicks with black wings, fine, sharp laced necks and tail coverts, you will buy our eggs. We offer the best Columbian Wyandotte eggs for hatching ever sold at prices in reach of all. We guarantee fertility and replace all infertiles. Surplus stock all sold. Write at once. Eggs, \$5 per 15, \$8 per 30, and \$20 per 100, from prize matings.

Fred Styers, Route 25, Greensburg, Indiana

Golden Wyandottes

My pedigreed 200 egg strain again proved that it is one of the best strains of Golden, not only in egg production, but by the winnings they made at Chicago, Missouri State, St. Louis and Milwaukee, Wis. Be sure to get my free circular, giving description of my 7 yards mated for exhibition birds before you place your egg order. When answering this ad, ask for special offer.

J. S. Pennington

Box A

Plainfield, Illinois

32 VARIETIES

of thoroughbred poultry that have the quality to win. At Youngstown, Ohio, I won on Black Langshans 5 firsts, 4 seconds, State cup best display in Asiatics. Silver cup best display, any breed, and A. P. A. Silver Medal for best chl. In Buff and Partridge Cochins, Light and Dark Brahmas, I won in all 7 firsts, 5 seconds, 3 thirds, three A. P. A. Silver Medals for best chks., and 2 Ch. Ribbons. These are only a few winnings in a few varieties. I have most any variety you want. Eggs from stock of equal quality to above. Write me your wants. Mention A. P. J.

W. S. Knox, 1906 South Ave., Youngstown, O.

R. C. AND S. C. REDS

Prize Winners. Have won 150 prizes in 5 years, including such shows as Cleveland, O. Am offering some special bargains in Rose Comb stock at this time. Eggs from my choicest matings, \$5.00. Write for free booklet.

B. M. BILLINGS, Box A, OBERLIN, O.

tion stock has been produced time and time again. Laying more eggs on less feed than any other breed has created for them a just demand and because of their ever growing popularity you will make no mistake by taking up these money earning Italians.

Peter S. Hurt.

Thorntown, Ind.

Exhibition Barred Plymouth Rocks and S. C. Buff Leghorns

Winners at Rochester, N. Y.; Elmira, N. Y.; Williamsport, Pa. We have 8 pens mated containing our choicest specimens from which we sell without reserve and satisfaction assured. Eggs, \$2 for 15; \$5 for 45. Baby chicks, \$3 per dozen.

Gage & Huston Williamsport, Pennsylvania

Buff Rocks, Buff Wyandottes and Buff Orpingtons

Winners at the largest shows, including Chicago, St. Louis, Evansville, Cleveland and Berea. Stock sent on approval, score cards furnished. Eggs, \$2.50 and \$3 per 15. Write for mating list.

Fred A. Poertner - Buff Specialist - Berea, Ohio

Blanchard's R. C. Reds

Winners at Chicago, Milwaukee, Rockford, Delavan, Beloit and elsewhere. Eggs, \$7.50 to \$2 per setting. Utility with per cent of pen eggs, \$7 per 100. The late Mr. R. C. Tuttle not long ago referred an inquirer for stock (which he could not at the time supply) to me, stating that I "had mostly his stock as a foundation and had last fall bought of him a very good cockerel." Those who are breeding the Tuttle stock and want new blood may be interested to know that I have pure Tuttle stock of good quality.

A. W. Blanchard - Beloit, Wisconsin

Maplehurst Farm Bar'd Rocks

BARRED PLYMOUTH ROCKS AND BLACK ORPINGTONS. Winners at Buffalo, Rochester, Auburn, Syracuse, Canandaigua, 1910—1st, 3rd eks.; 1st, 2nd, 3rd, 5th hens; 2nd, 4th eks.; 1st, 3rd pullets; 1st, 2nd, 3rd pens; 8 specials; Chamber of Commerce cup. Best exhibit any variety. Have purchased the choice Barred Rocks and Black Orpingtons owned by the late M. S. Gardner. Eggs from choice matings for sale.

Geo. M. Benham : : Canandaigua, New York

BARRED PLYMOUTH ROCKS

OLD DOMINION STRAIN. At the Great International Show, Buffalo, N. Y., January, 1910. I won four prizes on Barred Rock cockerels in hot competition. I also breed S. C. B. Leghorns of the highest quality. Eggs from my winners at \$3 per setting; two settings, \$5. Send for my mating list; it's free.

Chas. C. Wine - - R. 1, Mt. Sidney, Va.

**S. C. BUFF LFGHORNS**

Am now selling eggs for hatching from "Hurt's Phenomenal Prize Winners and Egg Producers," at \$10.00, \$5.00 and \$2.00 per 13, \$10.00 per 100 or \$90.00 per 1000. Awarded SIXTY PRIZES ON SIXTY ENTRIES AT CHICAGO, BOSTON, CLEVELAND, ST. LOUIS, INDIANAPOLIS and the Indiana State Fair in 1909 and 1910. Hatch your "down to date" winners from our "up-to-date" layers. When you think of quality, think of

Peter S. Hurt -:- R. R. 5, Thorntown, Indiana

Barred Plymouth Rocks

Winners 1909-10, State Fair, Marion, Columbus, State Show, Wakeman and Toledo. All firsts and one second at Wakeman. Eggs from pullet mating, \$2.50; cockerel mating, \$5 per 15, \$9 per 30.

H. Burkholder : : Clyde, Ohio

S. C. R. I. REDS

At Wheeling, W. Va., my Reds won first pullet, first and third cockerel, second hen; also specials for best shaped female, best colored male and best colored female. Eggs for sale from select matings. Write for prices and particulars.

Geo. H. Keck Edgewood Wheeling, W. Va.

ROBERT H. ESSEX.

The host of friends of Robert H. Essex will no doubt be surprised and at the same time pleased to learn that he is now at the head of the Model Incubator Co., of Buffalo, N. Y. Mr. Essex became well known to the poultry fraternity some ten years ago when he became managing editor of Reliable Poultry Journal, and it was mainly through his untiring efforts that this magazine became one of the leading poultry publications. After serving five years in this capacity he gave up his position on Reliable Poultry Journal and identified himself with the Cyphers Incubator Co., at Buffalo, N. Y., where at different times he has been office manager, financial manager, advertising manager and assistant general manager, and at one time was the second largest stockholder in this company.

Having filled the above mentioned positions with credit, he is well qualified for the duties he now takes up as president of the Model Incubator Co. We predict for him nothing but suc-



cess, as his motto is: "Be on the square and make no promises you cannot keep." His thousands of friends know that he has lived up to this in the past and will continue to do so in the future.

It is Mr. Essex's intention to place the Model Incubator Company's line of incubators and brooders before the poultry world in the proper light and make them second to none.

We are satisfied that Mr. Essex is the right man in the right place to accomplish this, therefore it is a foregone conclusion that he will succeed. Their literature is before us and we note the handsome appearance of the machine, also the very reasonable prices for which they are sold, and we suggest that any one interested in the purchase of an incubator will do well before placing their order to send to the Model Incubator Company, Buffalo, N. Y., for their catalogue.

Mr. Harry M. Lamon, Adams Center, N. Y., our special representative, visited Sunny Slope Farm, Bound Brook, N. J., the Corning egg farm, from which the celebrated Corning egg book was written. Mr. Lamon will tell our readers about what he saw while there in the near future.

We lead, others follow.

A TRIP THROUGH THE NORTH-WEST.

If you are one of those that allow beautiful sceneries to appeal to you, a trip to the Great Northwest will certainly be delightful for you. Our trip from Indiana through Illinois, Missouri, Kansas and Colorado to the Pacific North-

west, judging poultry shows, was one of the most sensational trips I ever experienced. The broad prairies, the unlimited acres of harvested grains, picturesque valleys, hot lakes boiling with a tremendous heat, rugged mountains, whose lofty peaks extend high up into the cold area of eternal snow and ice. It is such scenic view as these that make a trip to

the Historic Northwest all the more interesting. Passing through the noted Blue Mountains, which are a portion of the Rockies, I found high rocky peaks with very fertile valleys affording the very richest of farm lands in these valleys, which are from one-half to five miles in width simply groaning beneath the numerous rocks of the finest of alfalfa and



Lady Aristocrat, Mother of my International Champion Pullet.

CROWTHER'S S. C. REDS

Heavy winners at Chicago, Cleveland, Buffalo, Youngstown, Indianapolis, Cincinnati, McKeesport, Toronto, etc., etc. There is absolutely **NOTHING BETTER IN THE WORLD**. My breeding yards are filled with the reddest, richest, best shaped Reds you ever saw. This may seem strong, but I can prove at my yards the absolute truth of this statement. Catalog showing six photos of this grand type, 4c stamps. Mating list, describing every mating, free.

IRA M. CROWTHER : :: HOME OF :: ARISTOCRATS : BOX A, WILLOUGHBY, OHIO

Woodlands Farm

INCORPORATED

Baby Chicks and Hatching Eggs From Selected Matings in Barred Rocks and S. C. White Leghorns

REDUCED PRICES. Our matings for 1910 contain the very best breeders selected from many thousands of birds raised on our farm. *Every Egg and Every Baby Chick* shipped by us will be from our own matings and from our own farm. We want *Your Patronage* and we want to retain it. Satisfaction assured.

1,000 Breeding Birds For Sale. We believe that some of the very best Eggs for Hatching and baby chicks will be sold from our matings this season. No matter how many you need, write us for *Reduced Price* and for Catalogue.

Woodlands Farm, Inc., : R. F. D. : Iona, New Jersey

I DEFY THE WORLD

Prince Ringy

To show up another Barred Ply. Rock male bird barred as fine and close as this truly

Phenomenal Aristocrat Prince Ringy

He stands without a peer in the whole U. S. I sell **eggs from his pen** this season at \$10 per 15. He is hearty and vigorous, and eggs from his pen prove very fertile. Eggs from other pens, \$5 per 15. : :

Remember: "Aristocrats are the richest colored birds in the world"

W. D. Holterman, Fancier
Box 2 : Fort Wayne, Indiana



Ringy

thousand. Sheep and cattle to feed upon them during the winter weather. I observed from the car windows more than 3,000 head of cattle in one herd and possibly twice this number of sheep in one single flock, all the property of one man. The finest of homesteads are to be found in those mountain pockets. These people are not the wild half civilized class as one might suppose, but the very best cultured people living. I met quite a number of those rugged people coming in and out of the train and I soon found that they were well informed, well dressed and abreast of the times. Many of them own large poultry "ranches."

Egg farming is the chief industry in this mountainous country among the poultrymen, while stock raising and mining is in the main with the majority of mountaineers.

Within a very brief interview with one of those mountaineers I learned the majority of poultry keepers fed their fowls largely on wild animal meats, such as Jack rabbits, wolves and fish heads, revealing the fact that animal foods are par-excellent for eggs, as they were getting eggs by the thousands. Another important feature I observed with those mountaineers and a feature that I have long been an advocate of, was in limiting the number of laying hens to not over 25 hens to a building. Consequently 85 per cent of all the hens are laying continually except during molt. In Kansas I met a live nest of poultry fanciers. At the Saline show I found fanciers of the deepest water. They are producing some of the finest specimens the world has ever seen. Any of those "swell"

Eastern breeders that have the impression that they produce the only fancy fowl on earth only need to exhibit once with some of those "Western Rangers" just to find out that the world was not made for one man. I was surprised to find quality in most all the Western shows that was a credit to any country. In the Barred Rock class in some of the shows were females showing up some of the finest wings to be seen anywhere. I doubt if Hawkins, Thompson, Latham, Bradley Bros. or any of those well-known Barred Rock breeders could duplicate the quality in this section. Possibly they could, but I am sure they could not go beyond that. A finer lot of boys never lived, unless it was before the floods, than those "out in Kansas." In making the stretch across country of a Sunday's and night's journey from Kansas to Portland, Ore., I observed quite a number of promising poultry plants under construction. While the mountains afford great possibilities in poultry culture, the coast and Puget Sound country is superior to anything yet observed. In landing aboard the Union Pacific train in Portland, Ore., I found the climate most delightful, warm and mild, fowls of every kind singing and the birds of the air filling the air with that charming music that fills the traveler's heart with delight, causing him to allow his mind to wander back over the long ago, "when you and I were boys." In fact every appearance and every breath you breathed of that pure balmy air gave one more and more the effect of midspring—an April day.

Many live poultrymen operate profitable poultry plants in this great coast

city, principally egg farming, yet quite a few are giving their time and money to the fancy. From Portland I steamed over land limited to Tacoma, the principal seaport of Puget Sound. Here I found a well regulated, well cooped show of the highest quality. This show was handled under the very best system. I am safe in saying the coast people are 50 years in advance of the Middle West in almost every avenue of profession. Tacoma puts up some of the very best in Rocks, Leghorns, Minorcas and Rhode Island Reds. At Tacoma you will always find a whole show in Minorcas. Possibly Tacoma holds within her limits the grandest Single Combed Black Minorca cock in all the world. He has been shown in a number of leading shows, including the A. Y. P. at Seattle, and has always easily walked away with first honors with many attractions from the exhibitors and visitors for his perfection in beauty. Out of Tacoma we boarded the cars for Spokane, Wash., the Inland Empire, where great and wonderful things are always done in fruit and poultry shows. Here I found a New York of the Northwest. Every exhibitor fighting a great "battle royal" with over 1,200 birds, with sufficient gate receipts to pay all bills and leave a nice bank account for next season. There were so many pleasant events took place at the Spokane show I cannot find half enough space to even give them a brief mentioning; however, anyone should be proud to have the honor of mixing with such men as Secretary Fuller, Superintendent Bolton, Banken and many others of equal merit. An exhibitor that even

BUFF, BLACK AND WHITE ORPINGTONS

It has been announced by many experts that the keenest competition and the highest quality ever seen in Orpingtons was found at the great Chicago Show, December 7 to 11, 1909. On seven entries I won thirteen Regular and Special Premiums, including two firsts, four thirds, one fourth; medal for best pen Blacks, medal for two best pens Blacks, special for best pen Whites, silver cup for best Orpington male, silver cup for best Orpington female, silver cup for best Orpington pen. My stock of sale birds in Buffs, Blacks and Whites is complete. Can furnish you breeding birds at as low a figure as any breeder can supply, quality considered. If you want to win or produce winners for the largest shows of the United States or Canada, write me; I have the birds. Make clear your requirements when writing. Eggs: \$5, \$10 and \$15 per 15 from Special Matings, including my winners.

C. S. BYERS : ORPINGTON SPECIALIST ELEVEN YEARS : HAZELRIGG, INDIANA, U. S. A.

OAKLAND POULTRY YARDS SINGLE COMB WHITE LEGHORNS

Winners at Madison Square Garden, N. Y., Allentown, Easton, Trenton, Nazareth, Etc.

BABY CHICKS—From selected matings or from our exceptional quality utility pens. We claim much for our stock by its record made at the best shows. Our stock has size with every desired quality. Complete satisfaction assured.

EGGS FOR HATCHING—Send for our descriptive catalogue. We guarantee eggs true to markings. Remember our selected matings contain New York winners and others of the same line of breeding. Your correspondence solicited.

Wm. C. Bowman, Manager

Box 337

Trenton, New Jersey

BUFF BLACK ORPINGTONS : R. C. REDS S. C. REDS

Winners at N. Y., Chicago, Cleveland and Pittsburg Shows

At the late Pittsburg show our Buff Orpington cock again won 1st; also won 1st hen, 3d cockerel and 3d pullet. In R. C. Reds won 1st pullet, 2d cockerel, 5th cock, 3d, 5th hen, 2d pen. S. C. Reds, won 1st cockerel, 3d cock, 2d, 3d hen, 2d pen. Special prices on grand breeding cockerels in above varieties. This is your opportunity to get a fine male from us to improve your flock.

Eggs from Special Matings, all varieties, \$5.00 and \$10.00 per setting. Our \$10.00 pens are all headed by a first prize winning male at either New York, Chicago, Cleveland or Pittsburg. Other grand matings of prize winners, \$5.00. Send for catalogue, giving you all our late winnings at the above shows in competition with the best.

Craig & Mapes

: Box 4 :

Mt. Lebanon, Penna.

gets fifth prize at Spokane certainly has honors to crown his efforts. Long will the memories of this great event live with the writer. J. C. Clipp, Sattilo, Ind.

THE RED ROOSTER.

New York State Branch of the Rhode Island Red Club of America issues a very neat and artistic booklet which they call the "Red Rooster." On the cover page is illustrated a group of three Rhode Island Red feathers in colors which represent the true Rhode Island Red color. This is a very nice and expensive piece of color work and the catalogue as a whole is a credit to the club and will no doubt stimulate an interest in and be beneficial to the breed throughout the country. The book also contains ideal illustrations of both a typical Rhode Island Red male and female. Every breeder of Reds throughout the country should have a copy of this book and by studying these illustrations he can easily grasp what the Rhode Island Red type should be, and with the assistance of the colored feathers he can get an idea of the correct shade of red, which all Red breeders know is so hard to describe. Here this is illustrated and you can see the correct color. Short chapters in the book give the reason for the organization, what they have accomplished, what their aim is and the duty of every Rhode Island breeder. The booklet further gives the Club standard description of the Rhode Island Red for both color and shape, together with considerable poetry and other good reading matter on the breed as a whole, which is very entertaining and instructive to any one who is a Rhode Island Red crank. As we have said before, this book is a very handsome one and from it any one can gain

a very accurate idea of both the color and type of the Club standard for Rhode Island Reds. This book will be sent you for the small price of 25 cents by addressing the Secretary. Much credit is due the officers of the Club who have succeeded in accomplishing so much, and a complete roster is given below.

Robert Seaman, president; I. L. Whitmyre, vice-president; H. L. Greene, secretary and treasurer. Executive committee: Robert Seaman, Jericho, L. I., N. Y.; I. L. Whitmyre, Schenectady, N. Y.; H. L. Greene, Sherburne, N. Y.; George Tracey, Kinderhook, N. Y.; Charles Trafford, Binghamton, N. Y.; Charles McCall, Sherburne, N. Y.; H. F. Wells,

Deer Park, N. Y.; J. F. Burleigh, Vernon, N. Y.; C. H. Kingsbury, Barnard, N. Y.; George VanDerveer, Amsterdam, N. Y.; Dr. Lee Smith, Watertown, N. Y.

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Secure a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

Divinia's Exhibition Barred Rocks

I am offering the cream of the season's crop of grandly bred chicks, all rich in the blood of Boston, Madison Square, New York, and Missouri State winners. Both cockerel and pullet bred birds, large and full of quality. My new annual catalog free for the asking, illustrated with tone to life photos. S. T. DIVINIA, ROUTE 2A, ST. JOSEPH, MISSOURI

This Massive Easy Rocker Sent for \$1.00



Pay
\$1 Cash
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Send us \$1.00 and we will ship this elegant, massive Easy Rocker, solid Golden Oak, spring construction, upholstered with Boston Leather, tufted front. High padded back, ruffled edge. Fancy shaped carved front posts, broad arms. Exactly like this illustration. Satisfaction guaranteed or Money Refunded. Order chair No. 1152.

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Brookdale S. C. White Orpingtons are of superior quality. Line bred for correct Orpington characteristics and trap nested in order to establish a heavy laying capacity. Send your address for circular containing many champion winning birds of high quality. POSITIVE blood than from BROOKDALE FARM. No matter if you DO pay

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ARE YOU LOOKING FOR THE BEST REDS IN AMERICA?

We are now prepared to offer eggs from the famous Tuttle Strain of New York, Boston and Chicago prize winners.

12 Grand Pens

Representing the best collection of R. C. Rhode Island Reds owned by one firm in U. S. Write for catalog and mating list.

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WHAT ARE WHITE ROCKS?

Is It a Fact They Are One of America's
Greatest Poultry Achievements in
the Art of Producing a Fowl of
Both Unsurpassed Beauty
and Utility Value.

MUCH has been written, much has been said as to which was the "Best Breed," or the "Best Fowl" to breed. My answer is, there really is no best fowl, generally

erly feed, rear, house, yard and mate his birds will surpass all other known kinds not only in quick maturity at a small cost for feed, but also in beauty. The White Plymouth Rocks are today one of the greatest utility fowls on earth. They mature quick and plump. April and May cockerels reach eight to nine pounds by November 15 and do it naturally. The pullets begin laying early and remain good year around layers. They are good mothers and make the very best of setters if allowed to set. A White Rock setter

days. Then if kept away from a male for two or three more days will begin to lay almost at once when put back in the breeding pen. When dressed for market, a White Rock presents a beautiful long, plump, broad body, rich yellow skin and legs. Having white plumage they show no pin feathers at all. This is one reason why the White Rocks always bring from 2 to 3 cents more per pound upon the market of the larger cities than any dark or parti-colored fowl. Why are the White Rocks perfected to a greater de-



R. C. Red pullet, won first and color special at Cleveland, 1910. Bred and owned by W. Etzensperger, Willoughby, Ohio.



First prize White P. Rock pullet at Milwaukee, 1910. Bred and owned by W. R. Abbott, Fort Atkinson, Wis.

speaking. There are breeds today, or varieties of certain breeds, that if placed in the hands of one who knows how to prop-

can easily be broken up by putting them in a slat bottom coop and hanging the coop to a tree branch for two or three

gree of standard excellence and utility value than the many parti-colored breeds and varieties? This question is easily an-

BUFF AND CRYSTAL WHITE ORPINGTONS **LARGEST WINNERS AT CHICAGO SHOW**
Eggs for hatching. Highest quality. Prices reasonable. Liberal guarantee. Send for catalogue. A few cockerels for sale. Please mention American Poultry Journal when writing.
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Actual Photo of Our Reds on Range, Operating the Norwich Automatic Feeder

Eggs for Hatching :: Baby Chicks

Look at These Prices and then Consider the Quality

	One Setting Eggs	100 Eggs	25 or More Chicks
Leghorn, Utility Stock.....	\$1.50	\$ 6.00	12c each
Leghorn, Special Matings.....	2.50	10.00	20c each
Reds, Utility Stock.....	2.00	8.00	15c each
Reds, Special Matings.....	4.00	17.50	40c each

Winners at Allentown, Trenton, Norristown and Philadelphia. All stock bred on range under ideal conditions.

By appointment we meet train or trolley for those interested in our breeds.

THE WINONA FARMS
Penna. State Agents for Norwich Automatic Exerciser and Feeder
ROUTE 2, LANSDALE, PENNSYLVANIA

swered. It took only a short term of years after the White Rocks were first known for the best breeders to find they could produce a large majority of birds that were almost positively white. This being a fact they were able to devote their time and ability toward perfecting the shape or type of the breed. This has been where the Buff or parti-colored breeders of any breed have had to devote their efforts toward producing fair color till today they have not kept abreast of the white breeders in the improvements made in the shape.

Even today we do not find all White Rocks the superior of the Barred or Buff in shape, but in most cases we do. These causes are sufficient to show us the possible. Five or six years ago a certain well-known breeder won on a grand white male bird at a large eastern show. This bird was a great improvement in shape over any Rock of any variety ever exhibited before. He was sort of an enlargement on what we had. More symmetrical, more massive, more beautiful and showed greater utility possibilities. The length of the back was greater and the entire bird was broader through the body, and had a thicker, deeper chest. The tail was carried slightly lower and continued out from the back line with only a slight graceful rise. From that day on a few of us have striven to perfect a line to compare in both male and female with that great bird of a few years ago. This object has been so successfully reached that the Revision Committee of the American Poultry Association, when it met at Chicago last summer to revise the standard by which we must judge our birds, made certain changes that makes the new ideal, which we must go by after the beginning of next show season, the same ideal we have been breeding for the past five years. Great as the advance in type has been there is still room for much improvement in hundreds of breeders' yards. We should all strive toward better type—neat trim, clean-cut bodies—small firm combs, extra broad breasts and back. Breadth of feathers, tails that are carried well spread out in a fan-like fashion. I show here an illustration, to show the length of body and the angle of back and tail or just how each should be carried one to the other. My experience during the past years has taught me that one will be amply rewarded for his efforts in trying to perfect his White Rocks along the above lines. I have found it so, not only in the blue ribbons won in America's largest shows, but in the egg basket and on the market. When bred right they are the best fowl.

Clarence, Mo. J. C. RICKEY.

IF INTERESTED IN POULTRY

How can you spend \$1 to better advantage than by increasing your poultry library, saving one-half the regular price of the books?

You get a \$2 value for \$1 by subscribing to our big four combination—American Poultry Journal, American Poultry Advocate, Commercial Poultry and Poultry Item. Each publication sent to your address for a whole year for \$1, half price. Send your subscription to American Poultry Journal, Chicago, Ill.

ANNOUNCEMENT.

On February 26, 1910, Mr. S. N. Buss of Panola, Ill., purchased the entire stock

of 84 birds from Mr. M. K. Bohlander, El Paso, Ill., which is one of the best flocks of Barred Plymouth Rocks in the country. In this sale was included all the prize winners at the state show, Springfield, Ill. The Barred Rock fan-



First White Holland Turkey Hen, N. Y. show, 1909-1910. Royal Farms, Little Silver, N. J.

ciers are cordially invited to write Mr. Buss for further information, prices, etc.

AN UP-TO-DATE CATALOGUE.

The Lakewood Farms catalog has just reached our desk and is a very large and complete book, gotten out on nice material, having many fine illustrations of



First young W. H. Turkey Tom, N. Y. show, 1909-1910. Royal Farms, Little Silver, N. J.

their various stores and buildings which are found at the Farms; also half tones of Mr. Austin G. Brown, president; Joseph Kaufman, vice-president, and Andrew Albright, Jr., treasurer. One page contains the following:

We lead, others follow.

BROWN LEGHORNS!

Rose and Single Comb, and Silver Spangled Hamburgs, America's greatest winners. Eggs, \$1.50 per 15.

T. E. APPELGATE : SPICKARD, MO.

Monmouth Poultry Farms

CAN YOU AFFORD to lose the chance of hatching some of the grandest youngsters in SINGLE COMB BUFF and WHITE LEGHORNS in the country by simply waiting till the last minute to place your egg order.

100 BREEDING PENS mated with line bred stock, 30 of which hold all our NEW YORK and BOSTON winners.

SPECIAL NOTICE—After April 15th we will be ready to deliver BABY CHICKS in both our varieties in any quantity.

Both at Madison Square, New York, and Boston Shows. 1910, we won the Silver Loving Cup for best display in Buff Leghorns.

Don't put it off, but write today for our 1910 catalog and mating list. Address

Monmouth Poultry Farms, Freneau, Monmouth Co., N. J.

J. Courtney Punderford, Owner

Telephone 70 Matawan

Egbert Wilson, Jr., Superintendent

SUBSCRIPTION DEPARTMENT

THE winter is gradually losing its grip and the south winds will soon take the chill out of the air, thus spring will make its bow, much to the gratification of millions who have had their fill of a long, hard winter.

Gentle reader, possibly you are watching the advance of spring with eager eye. You may have fields to plow or other duties which you could not perform during the winter months when the snow and frost were masters of the earth.

Did it ever occur to you that others rely upon these cold months for their existence. The poultry business is in its prime during these months, not only because the chickens are in their prime but also because the average fancier has no time to devote to poultry shows or give his flock the best attention during the summer months.

The poultry publications also must rely upon these months to increase the poultry interests by circulating their publication among as many people as possible who are interested in poultry. The United States report shows that the poultry industry is the largest in this country; it greatly outweighs the entire wheat crop, which at one time

was considered the greatest industry of the United States.

The greater part of credit for making the poultry business what it is today belongs to the poultry press. There are a great many poultry journals published in this country who have tried and are still trying to materially increase the poultry industry, and American Poultry Journal heads this list.

It is true, we have not been able to accomplish our object single handed. We could not go out and see each and every person ourself and induce them to subscribe to American Poultry Journal. We had to rely upon our friends who were readers of our publication and who knew the good things that were in it to tell their friends and neighbors about us and get them to subscribe.

In order to thank these friends in a substantial manner for their kindly interest in our welfare we rewarded them with useful premiums besides allowing them a liberal commission. This offer, as liberal as it is, does not express our gratitude for the services rendered, as every subscriber they send us is adding just that much to the assets of Uncle Sam's greatest industry.

It is at this time, while the winter is breaking up and you are waiting for

spring to advance, that you could render us as well as the poultry fraternity valuable assistance by telling your friends about American Poultry Journal and we assure you that you will not regret the trouble you have taken.

In the first place if you send us two or more subscriptions we request you to send us only 25 cents for each subscription and keep everything above that amount as your commission. If you send us six subscriptions at 25 cents each we will send you free a copy of our great \$1 book, "Origin and History of All Breeds of Poultry." This is the only book which contains the illustrations of 198 birds in their natural colors and we give this book free to every fancier for the first six subscriptions at half price.

Furthermore, besides this book you have a chance to win one of three prizes which will be given away to the agents sending us the most subscriptions during the month of April. The first is a \$20 incubator, brooder or pen of fowls, your choice. The second a \$15 incubator, brooder or pen of fowls, your choice. The third a \$10 incubator, brooder or pen of fowls, your choice.

Besides these prizes which we offer for this month you can also win one



B. M. BILLINGS,
OBERLIN, OHIO.

Fourth Rose Comb Rhode Island Red cock at the late Cleveland show. A bird of exceptional merit. Bred and owned by B. M. Billings, Oberlin, O.



W. E. PHILLIPS,
WELLINGTON, OHIO.

S. C. Rhode Island Red cock; score 95, by McClave. Tied for first at Elyria, O., January, 1910. Bred and owned by E. W. Phillips, Wellington Red Poultry Farm, Wellington, O.

of the ten grand prizes which will be given the agents sending us the most subscriptions before June 10, 1910. The first of these prizes is a \$600 piano manufactured by Wing & Son, New York City, N. Y. The second is \$100 cash; the third a \$50 incubator, brooder or pen of fowls; fourth, \$35; fifth, \$30; sixth, \$20; seventh, \$20; eighth, \$15; ninth, \$15; tenth, \$15 incubator, brooder or pen of birds, your choice, selected from any advertiser in American Poultry Journal.

Now is the time to start. Get in before the rush and win an April special prize and one of these grand prizes. Remember, ten grand prizes, a \$600 piano being first prize and given the agent who sends us the most subscrip-

and correspondence departments are of special interest.

As a breeder of fancy fowls, the Rose Comb Rhode Island Reds being my specialty, I have been quite successful in capturing the best prizes in the largest shows in the South for three years. My flocks are line bred and for this reason I have at all times a good line of show birds. Whenever and wherever I can I slip in a good word for the American Poultry Journal, and hoping it will maintain the high standard which it has reached, also at all times be the "Leader," I am

Yours very truly,
Macon A. Green.

R. F. D. 4, Columbia, Tenn.

West Point, N. Y., Feb. 21, 1910.
American Poultry Journal,
Chicago, Ill.

Gentlemen: I received the bone cutter February 19 and now I wish to express my thanks to the American Poultry Journal for their courteous treatment while



First prize Barred Plymouth Rock cock at the late Chicago show.
Bred and owned by Edgar G. Simpson, Naperville, Ill.

tions at half price before June 10, 1910. Read our complete offer on page 518 of this issue, also about the book we give you free for six subscriptions on page 527.

Convince yourself that you are getting a square deal by reading the following letters. Satisfy yourself as to their genuineness by writing to the authors whose address is given and then utilize your spare time and go in to win one of the prizes we are now offering.

Columbia, Tenn., Feb. 11, 1910.

American Poultry Journal Publishing Co.,
Chicago, Ill.

Gentlemen: It is with pleasure that I acknowledge receipt of your check as my prize in your tenth annual subscription contest. I have been working for the American Poultry Journal, as you know, for several years and have always found the work pleasant and profitable. I find your paper of very great benefit to me, as it should be to all poultrymen, whether breeders of fancy or utility. The question

I was their agent in this part of the country. The bone cutter is just what everyone should have that has chickens. I shall take a great interest in showing this bone cutter and explaining to my friends that it is the American Poultry Journal premium. Any prizes are worth a man's time and trouble. Again thanking you, I remain

Yours truly,
M. Wilson.

Kansas City, Mo., January 22, 1910.
American Poultry Journal.

Dear Sir: Received your letter notifying me that I had won a prize in the fall subscription contest. The watch has also arrived in good order and is now keeping good time. It is a handsome watch and has been much admired by all who have seen it. I desire to thank you for your generous treatment accorded us during this contest. Will be in on your new contest.

Yours truly,
C. S. Hunting.

1304½ Main St., Kansas City, Mo.

Rochester, Pa., March 17, 1910.

Gentlemen: Received my R. I. R. from Lester Tompkins today. They are fine.



The Simplest, Strongest And Most Convincing of Cream Separator Arguments

We cannot believe that there is a sensible man living who would put his own money into the purchase of any other than a DE LAVAL cream separator, for his own use, if he would but first avail of the opportunity open to everyone to SEE and TRY an improved DE LAVAL machine before buying any other.

It is hardly possible to say more than this. It is hardly possible to put the simple truth in plainer words. It would hardly seem possible to say it more convincingly.

The TRIAL of a DE LAVAL machine is free to every responsible man thinking of buying a cream separator. We have agents in every locality for this purpose. If you don't know the agent in your neighborhood send to us for his name and address and it will be a pleasure to give your inquiry prompt and courteous attention.

The De Laval Separator Co.

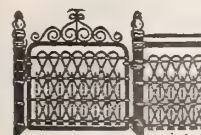
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LAWN FENCE

Many Styles. Sold on trial at wholesale prices. Save 20 to 30 per cent. Illustrated Catalogue free. Write today.
KITSELMAN BROS.
Box 415 Muncie, Indiana.

Thanking you for your square dealing, I remain
Yours truly,
Ira F. Bradford.

I received the watch in good condition, and some time ago. Many thanks for same; it is a fine timepiece and a very pretty watch. I thank you again for your courtesy to me and wishing you and your paper much prosperity and success, I remain
Yours truly,
R. A. Page.

and prompt attention I have always received from you. Wishing the American Poultry Journal further success, I am,
Respectfully yours,
James Maroney.

Greenville, Pa.

Denver, Colo., Feb. 11, 1910.

American Poultry Journal.

Gentlemen: I have read the American Poultry Journal for thirty years, from the time Mr. Ward edited it. I want to say

four of America's leading poultry papers sent to you for one whole year. American Poultry Journal, American Poultry Advocate, Poultry Item and Commercial Poultry Journal. All four for one dollar. Send remittance to American Poultry Journal, Chicago, Ill.

Did you notice that you can get a



This cock won four firsts the past winter at four shows; also winner of several firsts as cockerel. Bred and owned by J. N. Hazlett & Son, Tarentum, Pa.

Greenville, Pa., Feb. 13, 1910.
American Poultry Journal.

Dear Sir: I received my premium some time ago and wish to thank you for same. I was very much pleased with it and consider it well worth the time that I spent in obtaining the subscribers. I also wish to thank you for the courteous treatment

that the last two copies received excel in every way anything we have seen, either past or present. As the saying is, they "do you proud." Yours fraternally,
J. A. Bailey.

It only takes a one dollar bill to have



Cockerel heading first cockerel mated pen at the late Madison Square Garden show. Bred and owned by A. C. Hawkins, Lancaster, Mass., originator of the Royal Blue strain of Barred Plymouth Rocks.

full year's subscription to American Poultry Journal, Western Poultry Journal and Farm Poultry by sending 75 cents to American Poultry Journal, Chicago, Ill. Better do it at once before the offer expires.

Foster's Black Orpingtons

At the Fort Wayne show, held Jan. 25-29, 1910, the "Duke of Kent Strain," in a class of 64 S. C. Black Orpingtons, there being six exhibitors, won 1, 2, 5 cock; 1, 5 chl.; 2 hen; 3, 4 pullet; 1 pen; best display of all Orpingtons. Eggs of the highest quality, \$4 per 13, \$7 for 26. Send a 1c stamp for the history of the Black Orpingtons and a 9x12 chromo of this famous bird and three of his sons. D. N. Foster, Honorary State Vice-President, American Orpington Club.

Foster & Johnston : R. F. D. 7 Fort Wayne, Indiana

EDGEMONT POULTRY FARM.

200 prizes, 50 specials and 3 cups won this season at the Mo. and Ill. State Shows, Illinois, Indiana and West Michigan State Fairs, and County Fairs at Litchfield and Girard, Illinois. This is why we claim to have the grandest bunch of prize winners in the West. Eggs and chicks from 30 grand breeding pens. We still have 50 Leghorn cockerels for sale at \$2, \$3 and \$5 each. Remember that Chase's birds lay big white eggs and lots of them. Send two red stamps for 30-page catalogue, this book gives prices and a general description of Edgemont Farm. The most elaborate Minorca and Leghorn catalogue ever published.

Member of the Minorca and Leghorn Clubs
Life Member American Poultry Association

W. O. Chase, Box B

HILLSBORO, ILLINOIS

BLACK MINORCAS
BOTH COMBS

BROWN LEGHORN
ROSE COMBS

AMERICAN COLUMBIAN PLYM-
OUTH ROCK CLUB.

At the annual meeting of the American Columbian Plymouth Rock Club, held at Buffalo during the week of the international show, the officers and executive committee as here printed were elected: President, D. M. Green, Syracuse, N. Y.; vice president, F. M. Clemans, Mechanicsburg, O.; secretary and treasurer, Dr. E. B. Kaple, Elbridge, N. Y.; executive committee, D. M. Green, Syracuse, N. Y.; George H. Sweet, East Aurora, N. Y.; Clyde Patterson, Sedalia, Mo.; E. J. Barney, Syracuse, N. Y.; Dr. E. B. Kaple, Elbridge, N. Y.

In addition to these, two committees were appointed, one to draft a club standard and one to draft a constitution and by-laws, both to be published in the new Club Catalogue.

The committee to draft the standard

AMERICAN LEGHORN CLUB
MEETING.

At the annual meeting of the American Leghorn Club held in Baltimore, Md., January 4 to 10, the following officers were elected: President, W. F. Brace, Victor, N. Y.; vice presidents, G. L. Wheeler, Penn Yan, N. Y.; W. R. Bowers, Baltimore, Md.; Frank McGrann, Lancaster, Pa.; W. L. Bright, Waltham, Mass.; secretary-treasurer, Norman L. Kising, Bel-Air, Md.

The club is to have a state vice president in each state and will offer handsome ribbons at all shows and ask show secretaries to get in touch with the secretary at once, so arrangements can be made to supply all who want ribbons offered at their show. The club is one of the strongest in the United States and embraces breeders of all breeds of the Leghorn family. Address all correspond-



AN "ARISTOCRAT."

First prize S. C. R. I. Red cock and shape special at the meet of the Ohio State Branch of R. I. Red Club, Youngstown, 1910. Tompkins, judge. Bred and owned by Ira M. Crowther, Box A, Willoughby, Ohio.

consists of D. M. Green, Syracuse, N. Y.; George H. Sweet, East Aurora, N. Y., and H. W. Partlo, Ingersoll, Ont., Canada.

The committee on drafting constitution and by-laws are Dr. E. B. Kaple, Elbridge, N. Y.; F. W. Clemens, Mechanicsburg, O., and S. M. Clemo, Wexford, Ont., Canada.

The club is in a most flourishing condition, but a vigorous campaign to double the present membership is to be waged during the year. The Club Catalogue will be a model of its kind, containing not only information of value to any breeder but indispensable to the breeder of Columbian Rocks. Interested breeders desiring a copy should address the secretary to that effect, and their request will be placed on file and a copy mailed them as soon as issued.

Edward B. Kaple, Secretary.
Elbridge, N. Y.

ence to Norman L. Kising, secretary and treasurer, Box 22, Bel-Air, Md.

4-4-4-1/4.

That's how our big four combination looks when written in figures. Yes, sir, four for four quarters; in other words, one American dollar will pay for one year's subscription to four of the leading poultry papers. American Poultry Journal, American Poultry Advocate, Commercial Poultry and Poultry Item. Send your subscription to American Poultry Journal, Chicago, Ill.

Pittsfield Barred Rocks are bred for exhibition and utility combined. They ship breeding stock on approval or will sell you eggs or baby chicks. Their motto is "Your Satisfaction Is Our Success." See their ad. on page 515.

40 Thrilling
POST CARDS

of "Roosevelt and Africa." Most wonderful, educational, interesting, starting; in beautiful colors from copyrighted exclusive photographs. Send four cents to pay postage on ten beautiful gold, embossed, flower, friendship and greeting cards, including sample of above and particulars, how to get complete set of 40 "Roosevelt and Africa" cards free.

POST CARD MAN
23 Worthington Street, Springfield, Mass.



**\$7.00 Buys A
120 EGG
KOMON-SENSE
INCUBATOR**

A SAVER OF 25% IN OIL
Crated and delivered to your Station. Has metal lined walls, a triple top, guaranteed heater, self-regulating, high legs, glass door, thermometer. Good hatches always.

**GUARANTEED—MONEY BACK
IF NOT AS REPRESENTED**

Komon-Sense Brooder \$3.00

Incubator and Brooder together, \$9.50, freight paid. Write for free catalog with prices of poultry supplies.

Komon-Sense Incubator Co.
Dept. 22. Racine, Wis.



FREIGHT PAID.

MURPHY'S S. C. W. LEGHORNS

are the kind that will hatch you winners and heavy layers. Limited stock of eggs for sale. Book orders early. Eggs, \$2.50 per 15; \$5 per 50.

A. J. Murphy - Sewickley, Pennsylvania

JUST WHAT YOU WANT

Eggs from prize winners at East Liverpool, Massillon, Wheeling and McKeesport. \$3 per 15; \$5 per 30. S. C. Buff Orpingtons and S. L. Wyandottes. LINN & BARGER, Smithfield, Ohio.

MORE EGGS FROM LESS FEED!

Weldon's Fireless Poultry Fountain and Hopper Feeder—allows fowl to feed as nature intended. Try one 10 days at our risk. ANDREWS WIRE & IRON WORKS, SUB STATION C, ROCKFORD, ILL.

R. C. BLACK MINORCAS & BUFF ROCKS

Winners Minneapolis, Winona, LaCrosse, Rockford, Stoughton, Janesville, Walworth. Score to 95. Eggs \$3 and \$2.50. Circular free. F. J. PERRIN. Box 61. WALWORTH, WIS.

MAKE YOUR HENS LAY

PRICE PER 100 LBS.



Beef Scraps	-	\$2.75
Meat and Bone	-	2.25
Ground Bone	-	2.25
Alfalfa Clover Meal	-	1.50
Medicated Charcoal	-	1.50
Broken Oyster Shells	-	.65
Mica Crystal Grit	-	.65
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J. G. HERMANN & CO., Indianapolis, Ind.

FOR BREEDING and GROWING
STOCK NOTHING EQUALS

**Economy
Beef Scrap**

THE QUALITY KIND

Guaranteed Analysis 65 per cent protein. \$3.25 per hundred F. O. B. Buffalo. Write for sample and discount on quantity orders.

The Economy Meat Food Co. : : Buffalo, New York



Vermin Worse than "Varmints"

If a skunk or a mink got after your chickens you'd be after him in a minute with a club or a shot-gun. You can't kill chicken lice that way, and yet they are worse than skunks or weasels. There are thousands of lice to every varmint. There may be a thousand on your every hen. They prey on *all your chickens all the time*. Day and night they worry them and steal away your profits. Your fowls *must* have help—go after the lice in earnest with

Lee's Lice Killer

It is an absolutely dead shot on lice, yet harmless to fowls. There is not a failure in a thousand trials. Here is the great difference between *Lee's* and *all other* lice killers—

Lee's Lice Killer is distilled specially for lice killing, not a by-product. It kills lice by its fumes. Not necessary for liquid to come in contact with vermin.

Get the genuine—don't be caught with substitutes that "smell like Lee's" or "look like Lee's," but which are *never* as good as Lee's. Look for the name "Lee" on the can. Convenient sizes—quarts, half-gallons, gallons, at 35c., 60c., \$1.00. For sale in almost every town in the U. S. If your dealer don't happen to have it send us \$1.25 for a gallon *express prepaid*. Write for free books, "Lee's Chicken Talk" (by Geo. H. Lee himself), or Mandy's Poultry School.

GEO. H. LEE CO.,

1101 Harney Street, Omaha, Neb.



My World-Beater

Incubator \$3



J. F. SIEMS

I HAVE nature's own plan, for I use the actual living hen. Over 500,000 users have proved my Natural Hen Incubator (patented) to be right. G. E. Bengtson, Falun, Ks., says, "Your Incubator speaks for itself. I got 507 chicks from 540 untested eggs."

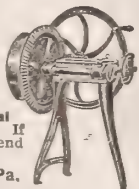
The Hen Runs It

The living hen controls heating, regulating, ventilating—everything. No lamps, no fumes, no trouble. No freight to pay. \$3.00 for 200-egg size. Agents Wanted. Send postal today for Free Catalog.

NATURAL HEN INCUBATOR CO.
1349 Constance St., Dept. 4, Los Angeles, Cal.

\$5 NO MONEY IN ADVANCE

The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days' free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.



Stratton Mfg. Co., Box 17, Erie, Pa.

MAKE YOUR HENS LAY

Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free. **STANDARD BONE CUTTER COMPANY,** Millford, Mass.

IF YOU OWNED A FACTORY.

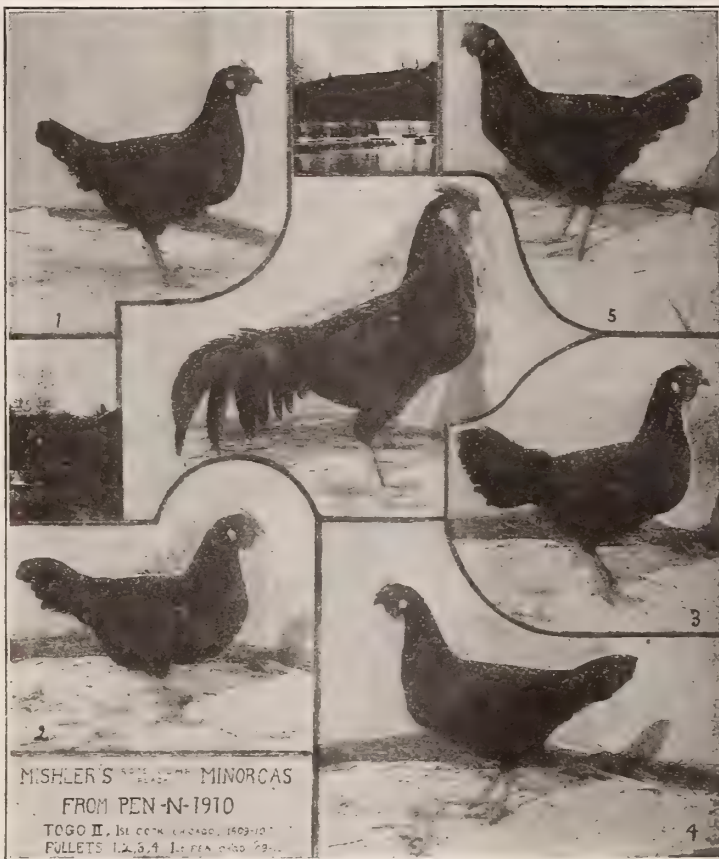
When you buy from the factory direct you really don't pay any more for the article than it would cost you if the factory was your own.

Take an example all are familiar with—an incubator. The Mankato Incubator Company, at Mankato, Minn., sells direct to the individual. Only one profit is added to the actual cost of the incubator. That profit pays the makers for their time, which is entirely devoted to the business, and also includes the interest on the capital they have invested. Unless a person can buy material at the same low price the Mankato Incubator Company pays by buying immense quantities, and is as expert as they in planning a scientific modern incubator, he cannot begin to make for himself an incubator that will do the work of the Mankato Hot Water Incubator, at anywhere near the price he pays for having it built for him.

By writing to the Mankato Incubator Company anyone may get all the specifications and illustrations of the most

ties competing. At several of the other shows this winter he has won all firsts, including sweepstake prizes. His illustrated circular gives you not only his winnings, but his matings and prices on eggs. You will do well to send for it. His address is George Barkdoll, Box 62, West Unity, Ohio.

In the White Rock world Guy Daily, of Jeffersonville, Ind., is building up a strain that will be heard from at some of our leading shows next season. Mr. Daily demonstrated that he has the goods, by his winnings in strong classes at the late Louisville, Ky., and New Albany, Ind., shows. He is a life member of the American Poultry Association and state secretary of the White Rock Club, and is a man with sterling qualities. He writes us that he has five grand pens mated for his egg trade this season, that should produce show birds of the highest type. Mr. Daily is a very ardent worker with his birds and has for some time made a study of mating his favorites to produce the highest quality of standard type White



Bred and owned by Lloyd C. Mishler, North Manchester, Ind.

modern incubators, without expense, and see just how it is built and operated.

In our report of the Indianapolis show in our March issue we failed to mention one of the prominent winners. This was Chas. C. Coulter, proprietor of Maywood Farm, Frankfort, Ind., breeder of Rose Comb Rhode Island Reds, who won second and fifth pullet and third and fifth hen. His birds were also winners at Chicago, Cincinnati and Frankfort. He has seven choice pens mated for the season's trade and has just issued a very neat circular which tells all about them. Write him and mention American Poultry Journal.

George Barkdoll, White Wyandotte specialist, West Unity, Ohio, is a breeder of high class specimens and is not afraid to exhibit his birds in strong competition, where he always succeeds in winning the cream of the prizes. At the late Toledo show, 1910, he won more regular and special premiums in this class than all other exhibitors combined, including the much coveted first prize pen, also first for best display and the silver cup for best ten birds in American class, also silver cup for best ten birds all varie-

ties, and at the same time giving heed to their laying qualities. All breeders are kept in open front colony houses, with yards 50x175 feet, well sodded. This, with proper feed and care, insures fertility and strong chicks. Anyone who contemplates the purchase of eggs for hatching should send for a copy of his mating list.

I want to make a number of plain school dresses for my girls, ages 5 to 12. The calicos I buy all fade and have such very large designs. Is there any other sort? If so, where can I get them?

MRS. MEREDITH.

Simpson-Eddystone Prints are particularly adapted for the use you speak of. You needn't be afraid of fading. They stand repeated washing and hold their bright colors as long as the dress lasts. They are of fine quality and the neat and artistic designs will suit the most exacting taste.

If your dealer hasn't them insist on his getting them and you will be amply repaid for your trouble.

Wholesale prices on fence—14½ cents a rod up. Write today for Kitzelman Bros.' free catalogue. See their ad in this paper.

THE WISE FARMER'S WIFE CHOOSSES A RANGE WITH A REPUTATION.

These prosperous times warrant the best of everything in the farm. The best stock, the best implements, the best automobiles are none too good for the prosperous twentieth century farmer, and for the farmer's wife the best range her money can buy is none too good. The average farmer's wife has her own ideas on the subject of cooking and ranging. To her the perfect range is that one that meets her every requirement; whatever other good points it may have, she insists that it be a perfect baker 365 days in the year. It must also be a good cooker and economical in its consumption of fuel. After she has satisfied herself that the range she is looking at meets these requirements, she wants to make sure that it is durable. A range isn't bought every day in the year, nor every year in one's life, and if she is a wise woman she will insist that the range for which she invests her husband's hard earned money will be a range with a reputation—a reputation for durability—a reputation as a perfect baker year in and year out. Before deciding upon the purchase of a range the wise woman will examine closely into the merits of the Great Majestic. It is, indeed, a range with a reputation. It is a perfect baker at all times.

The Great Majestic has a 15-gallon all-copper reservoir which touches the fire, giving boiling hot water in a very few minutes. The body of the Great Majestic is made of charcoal iron, which gives it wearing quality that will outlast three ordinary ranges. All top doors and frames are made of malleable iron; they won't break, crack or rust. Malleable iron is absolutely necessary for perfectly airtight joints, and on the Majestic range all joints are riveted perfectly airtight—no heat escapes or no cold air can enter—it is also completely lined with pure asbestos, thus the oven can be heated quickly with about half the fuel used in the ordinary range.

The Great Majestic is justly called, "the range with the reputation," because it has a reputation of a reliable manufacturer behind it and because there are hundreds of thousands of Majestic ranges in use all over the country, each one of which is giving perfect satisfaction, some have been in constant use for more than twenty-five years and still give excellent results.

Majestic ranges are for sale in nearly every county in forty states. If your dealer doesn't handle them you will do well to write the Majestic Manufacturing Company, of St. Louis, Mo., for their interesting booklet, "The Story of Majestic Glory"; it is well worth reading. At the same time they will tell you where you can see and examine the Majestic and settle the range question.

Odenheimer & Odenheimer, Lumberton, N. J., breeders of S. C. Single Comb Reds, breed only high class exhibition Single Comb Reds and have been producing high class quality for the past seven years, always retaining their best specimens to be again mated, that better quality may be produced from year to year. It will be remembered that their recent exhibit at the Philadelphia show received favorable comment and their birds accredited themselves well when the blue ribbons were placed. They have again mated their choicest specimens for the egg trade and are prepared to supply you with eggs for hatching at reasonable prices. They also report having some fine breeding males, as well as a few pens, for sale.

Oscar Holtzapfel, Elida, Ohio, is a breeder of Single Comb Rhode Island Reds and has about 200 head of stock in his plant, has four nice pens mated for the egg trade, besides a large flock of utility stock for free range. He showed at three shows this winter and won thirteen firsts, nine seconds, three thirds and four fourths. He is making a specialty of day-old chicks and has an incubator capacity of 1,000 chicks per month. Parties desiring to secure Rhode Island Red chicks will do well to place their orders at an early date.

Grass Hill Farm poultry yards, Chas. Parson & Son, Conway, Mass., breeders of Barred Rocks, issues a descriptive folder describing three fine pens of cockerel mated and thirteen pens of pullet mated birds.

KAYE'S S. C. BLACK MINORCAS

The great laying and Exhibition Strain. Stocks for sale. Eggs from choice matings, \$3.00 to \$5.00 per 15.

A. B. Kaye, State Vice-President American Black Minorca Club, Kaye's Park, Walworth, Wisconsin

WHITE WYANDOTTES

at the late Ashtabula show won 2d hen, tied 1st pullet, tied 2d cockerel, 2d pullet, 2d hen, 2d pen, 3d cockerel. Our birds are large, blocky, stay-white, vigorous, and heavy layers. Cockerels for sale. Eggs, \$2 per 15; \$3 per 30. We can please you. Let us try.

W. A. KAIN & SON

ASHTABULA, OHIO

HENRY'S PART. WYANDOTTES

have been winners at Chicago, Minneapolis, St. Paul, and wherever shown. My record for the asking. Some stock for sale. Grandest matings ever for 1910. Eggs, \$3 and \$5 per 15. Correspondence promptly and cheerfully answered.

EARL HENRY, Box A, Albert Lea, Minnesota

Silver Spangled Hamburgs & Barred Plymouth Rocks

My Hamburgs won at the great Cleveland show, first cock, first and fifth hen, second and fifth cockerel and first pullet on seven entries. No pens entered. Send for price list on eggs and stock.

R. D. SLY : WEST CLARKSFIELD, OHIO

Fenton's Columbian Wyandottes

The Best General Purpose Fowl—Win everywhere—in the show room, laying pen or market basket. At Chicago, December, 1909, they made a winning that has never been equaled by any other breeder. We have undisputable claim to "the best collection of Columbian Wyandottes in the country." Eggs From Six Specially Mated Pens—Each pen headed by a winning male. Pens 1 and 2, \$10 per setting; pens 2 and 3, \$5 per setting; pens 3 and 4, \$2.50 per setting. From utility pens, \$2. We replace all infertile eggs in second order and pay express on orders of two settings or more. Send for literature

Fenton Farms

Mt. Clemens, Michigan

SUBURBAN GARDENERS

Find in the Iron Age Book devices of which they never dreamed for the easy, economical, exact cultivation of the pleasure-profit garden. Think of one pair of easy-going handles performing every operation from the opening of the soil to the gathering of Nature's reward and you have a slight idea of Iron Age methods.

Whether you plant a hill, a row or an acre, whether you do it yourself or employ others, you must know about these Iron Age labor saving, yield increasing implements if you want to get the full return for your labor investment. The Iron Age book will be forwarded upon request to readers of American Poultry Journal. Read it and be a better gardener.

BATEMAN MFG. CO.
Grenloch, N. J.

WHITE WYANDOTTES



I BREED QUALITY. My birds have won gold medals, silver cups, special ribbons and first prizes at the leading shows including Guelph, Boston, Chicago, Pittsburg, Indianapolis, St. Paul, Minneapolis and many other shows. Won at late Pittsburg show first and second cock, third cockerel, first pullet and silver cup.

I Have Produced Winners For Years

and my pens this year are all headed by winners and contain the finest birds I ever owned and I have bred White Wyandottes for eighteen years. My blood lines are established and I know "show specimens" will be produced from my eggs which are only \$10 per fifteen. Satisfaction and a fair hatch guaranteed. Circular free. Send for it.

Geo. M. Kline, Box 64, Downers Grove, Ill.

WHITE ROCKS

I breed exhibition quality and my birds win

J. H. TROBAUGH DELPHI, INDIANA

S. C. Brown Leghorns

Choice stock reasonable. Eggs, \$2 per 15.

Order early.

B. GRAHAM - CALCUTTA, OHIO

PRINTING

For Poultrymen—Don't place your order for printing till you get our prices. Mention your breed and we will cheerfully mail samples free. W. A. Bode Printing Co., Box 176, Fairhaven, Penna.



This Fountain

is recommended by thousands to be the best on the market. No drowned chicks; no waste of feed. Can be used on any Mason Jar. Each 25 cents, postpaid; six, \$1.25, postpaid.

Tomlinson-Lanphere Co.

Detroit : : Michigan

AT LAST

A sure cure for that dread scourge.
White Diarrhoea

Coleman's WHITE DIARRHOEA TABLETS

Will do the business. Sold on a money-back guarantee. Full sized box, 25c; 5 boxes \$1. A trial order will convince the most skeptical.

THE COLEMAN COMPANY
DESK 4 : LEXINGTON, OHIO

I AM BOOKING ORDERS NOW FOR HATCHING EGGS

White Plymouth Rocks

\$3 to \$8 per setting of 15

R. C. Rhode Island Reds

\$3 to \$3 per setting of 15

Bearded Golden Polish

\$15 per setting of 13

A. E. MUTH
Box 129, Route 15
WEST ALLIS - WIS.

POULTRY IN VIRGINIA

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LABAUME, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.

YOU NEED A GOOD BROODER.

The greatest prosperity ever known is now enjoyed by the poultry raisers of this country. Prices are good and the demand for eggs and stock was never so great. In some of the largest cities market eggs brought 65 to 70 cents per dozen all winter. The time to prepare for big business next season is to get ready now. To be in readiness you must have a stock of good, healthy fowls. Stock fit to sell at the best market prices, or if for show purposes, you are doubly called upon to grow only the kind of stock which is full of life and vigor. The prize ribbons go to the best birds.

Weaklings and unhealthy birds win few of the ribbons. This is where the good brooder comes in, gets in its best work. Your birds must be given the proper conditions for growth from the shell to the showroom. They must not be stunted or injured in health by poor brooding. The brooder can undo all a breeder's best work, in a very few weeks. The Champion brooders have been on the market so long they are now almost a household name among poultry rais-

QUALITY WHITE PLYMOUTH ROCKS.

W. R. Abbott, Fort Atkinson, Wis., breeds White Plymouth Rocks of quality, which is shown by his winnings in strong competition the past season at Milwaukee, Wis. He entered four birds and won first pullet, third cock, fourth cockerel and seventh hen. At Fort Atkinson he won most of the prizes on White Rocks, including all first and gold special for best display in American class.

His yards are located on Rock river. The bank is covered with trees and bushes, which give the birds plenty of shade and running water in summer and forms a windbreak in winter. The bugs, worms, etc., found here keep the birds in good condition and insure fertility to the eggs. It is an ideal place to raise the youngsters.

He has mated only two pens for the egg trade, as he believes in quality, not quantity, and has mated his pens with this in view. He will give you your money's worth every time. Write him for further information and mention American Poultry Journal.



INTERNATIONAL CHAMPION PULLET.

This pullet won first, both color and shape special and championship over all Red winners at the International Show, Buffalo, January, 1910, meeting of the New York State Branch of R. I. Red Club. Bred and owned by Ira M. Crowther, Willoughby, Ohio.

ers. Probably never in the history of poultry breeding has any one brooder given such universal satisfaction as the Champion.

The manufacturers have been in the business almost twenty years and their brooders are known around the world. The Champion brooder is an outdoor brooder, which will actually raise every chick right outdoors without shelter of any kind. This saves the expense of brooder houses and gives the small poultry breeder an equal chance with the large, extensive broiler plants. Bennett & Sons have advertised continuously in the American Poultry Journal for nearly twenty years and they will take pleasure in sending their new catalogue to anyone sending a postal to them at their address, J. A. Bennett & Sons Co., Gouverneur, N. Y., 929 Main street. Their new model Champion brooder has many points to commend it. The illustrations show the complete brooder and also how easy it is to clean and sun it. The top half is raised on hinges and then the floor is easily swept clean.

Elmer V. Schultz, Webster Grove, Mo., breeder of S. C. Brown Leghorns, informs us that his 1910 mating list is now ready for mailing, and gives his winnings and description of his pens for this season. Send for it and mention American Poultry Journal.

H. N. Hanchett, Jackson, Mich., the well and favorably known Buff Cochins breeder, informs us that he recently received an order from Kasan, Russia, for a pen of his famous Buff. This makes the second order he has received from this far-off land.

The catalogue of Covert's Barred Rock Farm, Willoughby, Ohio, R. R., is handsomely illustrated with half-tones, showing the grand quality to be found in his "Highland Strain" Barred Plymouth Rocks and giving description of his ten fine pens, which he has mated for the egg trade. He breeds both the cockerel and the pullet line, close to standard requirements, and his birds have been important winners wherever shown.

PLANET JR. AND PROSPERITY.

The farmer, by virtue of his vocation, is admittedly one of the most independent of the world's producers. In fact, most every line of trade is dependent directly or indirectly on the farmer. This has come to be truer than ever since the dawn of the new kind of farm implements which have worked such a revolution in farming methods toward increased production. These wonderful new implements, such as the Planet Jr. farm and garden tools, have enabled the progressive market gardener to treble his output and then double it again.

For instance, the No. 6 Planet Jr.—the newest combination hill and drill seeder, wheel hoe, cultivator and plow—does the work of six men. That means where a crop of certain size was formerly cultivated, six times the crop can now be taken care of with the same amount of labor in the same time, for this handy garden tool opens the furrow, sows any kind of garden seed accurately in drills or hills, covers, rolls down, and marks out the next row—all at one operation. In addition to this it is also a perfect wheel-hoe, cultivator and plow.

This is only one example of the increased efficiency the fifty-five kinds of Planet Jr. tools have given to this class of the world's workers. So that when the depression of 1907 "depressed" almost every man of affairs, the Planet Jr. user was "there with the goods" just the same as usual, gathering in his profits and adding to his "rainy day" pile instead of drawing upon it. This ought to be an object lesson to ever tiller of the soil, and prompt him to write to S. L. Allen & Co., Box 1107T, Philadelphia, Pa., for their new illustrated catalogue of 1910 Planet Jr. implements, which they send free upon request.

ECONOMY IN POULTRY RAISING.

A bone cutter is as much a part of a poultry farm as the chickens themselves. Green cut bone is the best cut food that can be given them. It is better than the commercial products and cheaper. With a bone cutter of his own the poultry farmer is not paying the jobbers' profits, nor is he spending money in freight and expense bills for prepared foods that are not at hand.

Cut bone is easily prepared if the poultryman has a Crown bone cutter. He can secure his cut bone fresh every day. No poultry farm should be without a Crown bone cutter, for, besides the fact of it being a necessity, it is amply low in price. Write to Wilson Bros., Box 801, Easton, Pa., for their catalogue and scale of prices.

COVERT'S BARRED ROCK FARM, WILLOUGHBY, OHIO.

Mr. Covert, proprietor of the Covert Barred Rock Farm, is a breeder of high class exhibition quality in Barred Plymouth Rocks, and has won more than his share of the prizes in some of the hottest classes of Barred Rocks ever gotten together.

At the late Chicago show, in competition with 239 birds, he won second hen, third cockerel, third pullet and second pen. He also has won in the past at many other of our large and important shows. He is and has been breeding high class exhibition Barred Rocks for many years. His matings this year are just a little bit superior to anything he has had heretofore and many winners are sure to be hatched from these yards. His ad will be found elsewhere in the American Poultry Journal.

A. Didriksen, Whitewater, Wis., breeder of Single and Rose Comb Black Minorcas, is what you might call one of the old breeders of the country, as he has been breeding, exhibiting and advertising this variety for a number of years. He is also one of the careful breeders, as he always aims to mate his birds each season so that they will produce stock just a little better than the previous year. By keeping this plan always in view he has succeeded in building up a strain of Minorcas that is second to none. This is demonstrated by his winnings at such shows as Chicago and Buffalo, where he won the very cream of the prizes. This season he has mated a number of very choice pens of both varieties and is prepared to supply the wants of those who desire something extra good. Write him for full particulars.



A 50 Egg BUCKEYE INCUBATOR

\$5

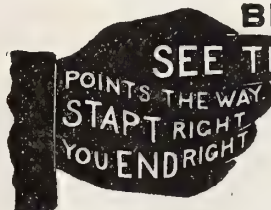
with lamp and complete outfit ready for hatching—guaranteed to hatch every hatchable egg. Our 50-Egg Buckeye is a simple, self-regulating, latest-improved machine. Hatching quality backed by a 40-day free trial or money back without dispute. 10,000 sold last season, on this guaranty, and not one returned. Larger sizes on same guaranty and at correspondingly low prices.

"Anybody can hatch Chickens with a Buckeye"

Twenty years on the market. 100,000 in successful operation. Every reader of this paper, who keeps chickens, should send for our poultry books telling how 51 chicks were hatched from 50 eggs, and "Making Money the Buckeye Way."

Buckeye Incubator Co., 1313 Innisfallen Ave., Springfield, Ohio

BREEDERS MAGIC EGG TESTER



shows the strongest hatching eggs BEFORE incubation. Think of the saving! Thoroughly advertised and tried last year. 12,000 now in use. **Incappable testimonials.** "Strongest germs in eggs testing 'xx'."—SEILER. How do your eggs test? Send for one and find out. Use the Tester now at our risk and for sixty days after the first hatch is off. If not desired, money refunded. A boy can test 10 per minute. Sent prepaid, complete, with newest methods of incubation, on receipt of \$2.00.

MAGIC EGG TESTER WORKS, Buffalo, N. Y. and Bridgeburg, Canada.

S. C. White & Black Orpingtons

Cook Strain and S. C. White Leghorns

White Orpington eggs, \$3 and \$5 per setting of fifteen; baby chicks, 50c each; Black Orpington eggs, \$3 per setting of fifteen; baby chicks, 35c each; White Leghorn eggs, \$1.50 per setting of fifteen; baby chicks, 12c each. Catalogue free.

White Oak Poultry Farm : R. H. GAMBLE, SUCCESSOR TO F. J. BANTA : Box 63, Lima, Ohio

NAME YOUR OWN TERMS ON WHICH YOU WILL TRY

A "QUEEN"



FIRST—I outstripped all others in the expert manufacturing of incubators.

THEN—I sold incubators on the fairest trial plan ever offered.

NEXT—I displaced my competitors in number of sales.

NOW—I propose further advances.

The Queen Incubator, in its present form, is perfect. It utterly defies improvement. Hatches every hatchable egg into a healthy chick; runs itself; gives you the limit of long, useful service.

BUT—I may be able to improve my sale plan so as to get more good poultry men and women to try my incubator and thus learn its sure, big money-making value.

I am anxious to know, reader, what you consider would be a fair inducement on my part to get you to try out a "Queen." Please write me briefly the basis on which you would accept one for trial. I give you my word that I will go the limit on this proposition to do anything that's fair to both of us.

My present trial plan is this:

90 days free trial—more time if you ask for it. 5 year guaranty—worded to suit yourself, if my regular guaranty doesn't suit YOU.

Direct factory prices—every penny you pay you get back in incubator value—no "rake off" for jobbers and dealers.

Freight prepaid—all Queens are shipped by fast prepaid freight—no trouble, no bother to you. You know the total cost of your incubator before you buy it.

You will find the "Queen" to be the only incubator whose Vital Parts—the Heating, Cir-



Regulator Detached, Lid Raised

culating and Regulation system—stand up under severest tests. The life and good service of any incubator depend upon these parts. They are the very Heart and Lungs of the machine. That is why the Heating Apparatus of every "Queen" is made of pure Lake Superior cold-rolled copper and why I have worked and studied for many years, until finally I invented a system of circulation and automatic control so perfect that thermometers placed at each corner of the radiator register within $\frac{1}{4}$ of a degree of each other.

Put a "Queen" any place—in your barn, woodshed, smoke-house, cellar, kitchen, dining-room, or parlor—I care not where—it will hatch more chicks and stronger chicks than any other machine under the sun. This is a sweeping statement, but I have the proof at hand.

Write me to-day for my New Incubator Book and arrange to try a "Queen" on my plan—or yours if you know a fairer one. Remember a good incubator is the biggest asset in Intensified Chicken Farming and Intensified Chicken Farming is the biggest paying business now known.

My Incubator is perfectly good as long as it lasts and it lasts longer than any other. Make me prove that assertion by my trial plan—or yours. If you write me now there will be no possibility of this paper being mislaid before you lose my address, which is

"WICKSTRUM, QUEEN INCUBATOR MAN,"
Box 4 Lincoln, Neb.

POULTRY HERALD

A BETTER PAPER

Best Editors. Best Articles. Finest Illustrations. Special Dept. is—turkeys, ducks, geese, diseases, questions answered, etc. Don't fail to see it. Sample copy and poultry book circular free. Send us a postal today.

POULTRY HERALD,
Dept. C. St. Paul, Minn.



X-RAY Incubator

The one incubator that's different—new principle; new and better results. Enameled-steel-covered; Rosewood finish.

No Heat Wasted

Lamp burned high or low as necessary. One gallon of oil makes the hatch. All other incubators use 3 to 5 gallons. We save 2-3 the oil expense. Lamp in center—not on side. Glass doors on top; ventilation perfect. Heated to hatching temperature in 15 minutes.

Write for Free Catalog and see why X-Ray Incubators are making back numbers of all others. Cheapest; best results; surest guarantee of success. Address

X-RAY INCUBATOR CO., 1st St., Wayne, Neb.



Freight Paid

"BRECO" Freight Prepaid

Rubber Roofing

Don't think of using any kind of roofing till you test sample of old reliable Guaranteed "BRECO." Why pay more? Investigate, and you will order here today.

BOOK AND SAMPLE Free

Book proves and shows testimonials of Breco Service. Waterproof and fire-resisting qualities. Cement and nails free. Write today.

The Breese Bros. Co.,
Roofing Dept. 68. Cincinnati, O.



THE MOST CHICKS



—the strongest and best. No mistakes; no accidents. Both beginners and old-timers can depend on definite results with

Successful

Incubators and Brooders

16 years in service—they, everywhere, have the reputation of being the world's best machines. Simple; self-operating; sure. Booklet on "Proper Care and Feeding of Chicks, Ducks, Geese and Turkeys," 10c. Best Poultry paper, 1 year, 25c. Catalog free.

Des Moines Incubator Co.

1 2nd St.

Des Moines, Ia.

Pratts' LICE KILLER



in powdered form is sure death to lice. Dust your fowls, the nests and the houses thoroughly. Repeat as often as the lice show signs of returning. Economical and easy to apply, and harmless to the very smallest chicks. From your own dealer or by mail for 25c.

Pratts' Poultry Regulator

will keep your flock free from spring ailments. It's an egg producer and it makes fine healthy fowls. But insist on Pratts'. Write for Poultry Wrinkles—Pratts' new book. It's free.

PRATT FOOD COMPANY
Department P Philadelphia

HOW A CAREFUL FARMER PROFITED BY THE MISTAKES OF HIS CARELESS NEIGHBORS.

Constant and consistent carefulness is the secret of success in farming. A man who wants to make his farm pay must be on the watch all the time. The old rule of work all summer, sleep all winter, is out of date. The wise farmer has no loafing time. Every season and every day bring their special work. And any duty neglected at any season has a damaging effect on the general condition of the farm and curtails the profits.

The good results of carefulness are well illustrated by a comparison of the methods of three farmers along one of the railroads in Kansas. One farmer came from the East and took up the first homestead. At once he built a large barn and, as his father in Pennsylvania had always done, he roofed it with shingles without considering any other roofing. The shingles were expensive, and in the beginning of the second fall, just after harvest, some sparks from a

without attention, if laid according to the directions, which any man can follow. The secret of the durability of Genasco ready roofing consists in the double layers of felt dipped in asphalt, which gives firmness to the roofing, acting as a body to support the outer layer of natural asphalt, which, unlike coal tar roofings, does not crack or run. In other words, it is weatherproof and fire-resisting.

The carefulness of this one farmer should be a lesson to others. He found Genasco the cheapest in the long run, the most durable, and the easiest to lay.

Charles C. Coulter, Frankfort, Ind., is the proprietor of Maywood Farm, where prize-winning Rose Comb Rhode Island Reds are bred in all their splendor. Only high class exhibition birds are permitted on this farm and Mr. Coulter's birds always give a good account of themselves in the show room when the blue ribbons are hung up. Mr. Coulter succeeded in winning first on pullet at the Chicago show, and this pullet, with three of her sisters, will be line bred in one of his



Single Comb Buff Orpington hen, weight 10 pounds, never exhibited, but wonderful in color and shape. Bred and owned by Will H. Schadt, Goshen, Ind.

passing locomotive fell on his roof, the shingles caught fire, and the farmer lost all his crop.

The second farmer took the adjacent homestead about the time of this fire, and when he came to build a barn he roofed it with tin as a precaution against fire. But he was penny wise and pound foolish. The tin soon needed a coat of paint, but he thought it could wait till spring. When spring came the roof wasn't worth painting; it had rusted through and leaked with every rain.

The third man was poorer at the start than the others. So he built a rough shaft for his crops, roofing it with the cheapest material—tar paper. But this soon became brittle and cracked. Worried by this, he began a systematic investigation to find the best roofing. And when he built his larger barn he covered it with Genasco ready roofing, made by the Barber Asphalt Paving Company, of natural asphalt from Lake Trinidad. That was five years ago, and the roof is still solid.

Since then most of the farmers in his vicinity have used it for all their new buildings. It is guaranteed for five years

pens this year. These pullets are the fifth generation bred from birds winning shape and color specials. Naturally you would expect stock bred from this high quality of breeders would be good ones. Mr. Coulter's birds were among the winners at the recent Indianapolis show. We would suggest you look up his ad, which appears elsewhere in American Poultry Journal.

Homer Slagel, Poland, Ohio, R. F. D. 3, is a Single Comb R. I. specialist, breeding high class specimens of this variety, which fact is proven, as at the recent Youngstown show, in the big R. I. Red meet under Lester Thompkins, he won first and third old pen, silver cup on best old pen, also silver cup on best young pen. These winnings are but a repetition of what Mr. Slagel has been doing at many of the shows since 1905, and is simply additional proof of the high class quality of his breeding. He has mated five grand pens for the egg trade, his prices are right and he guarantees satisfaction in every way. You will find his ad appearing regularly in the American Poultry Journal.

CHICKEN RAISING MORE PROFITABLE THAN EVER BEFORE.

No one should attempt to raise chickens for profit without thoroughly posting themselves on the fine points of the business.

The average poultry raiser could triple or even quadruple his profits if he would only follow the methods which others have found so successful and so profitable.

Raising chickens is no child's play, and if you are determined to obtain the best results—and by that I mean get the most money from the least labor—you should read carefully some good book on the question.

Poultry raising is being conducted on very scientific principles nowadays, and those who do know these principles and how to carry them out are reaping tremendously big profits.

In answer to the demand for a good poultry book the Reliable Incubator & Brooder Co., Box C1, Quincy, Ill., have recently published for the benefit of the poultry raisers of the country a handsomely illustrated book which is free to poultry raisers upon request.

This book has been prepared by a great poultry expert known the country over for his prize-winning fowls and his general success in the business, by a man who has surprised the poultrymen of the country by his large profits per hen.

This book explains in every detail all the branches of the poultry business. It tells how to raise the healthiest fowls at the least expense—how to increase the egg yield and how to market to the best advantage.

There are many more interesting features, among which are how to get fertile eggs and how to secure the largest hatch. The process of incubation is also described and a few simple rules are given by which to properly judge an incubator.

If you think of going into the poultry business or are already engaged in it and you are determined to get the best possible results, don't fail to send for this book; it doesn't cost anything and it might show you the way to bigger profits than you ever thought possible in the poultry business.

AN IMPORTANT SALE.

After having been a breeder of Cochins for a period of thirty-six years and for the past several years recognized and hailed as America's greatest Partridge Cochin specialist, George W. Mitchell, of Bristol, Conn., has sold his chickens, valued at some thousands of dollars, together with the good will and everything pertaining to the breed he has brought to such a high degree of perfection.

The announcement of this fact will be received as a surprising piece of news by many and will rank as one of the most important changes noted among the poultry fraternity for some time. By a deal consummated a few days since, Mr. Mitchell has sold his entire stock of world prize winners to Robert F. Clark, of Milton, Mass. Mr. Clark is connected with the brokerage firm of Hayden Stone & Co., of Milk street, Boston. He has an estate of fifteen acres in that delightful suburb of Boston. He has just had completed some of the finest poultry houses in the country and his henery is very finely equipped. He has been a breeder of poultry for years and has been a great admirer of and has acquaintance with some of the old New England fanciers. He is very well known to the management of the big Boston poultry show, which ranks with the New York poultry show in this country. He is a man of fine character and will spare no expense in keeping the Mitchell birds up to their present standard of perfection.

Mr. Clark has a display ad in this issue and as he comes to us very highly recommended, we do not hesitate to recommend him to our readers. His stock does not need any praise from us, as the Mitchell strain of Partridge Cochins is well and favorably known from Maine to California.

CLOSE TO NATURE.

Getting close to nature in chick brooding means more chick lives saved. If it were possible to actually duplicate nature's requirements for the perpetuation of life and to be able also to eliminate the accidental influences, it would then be possible to raise to maturity every healthy chick hatched. The old hen could

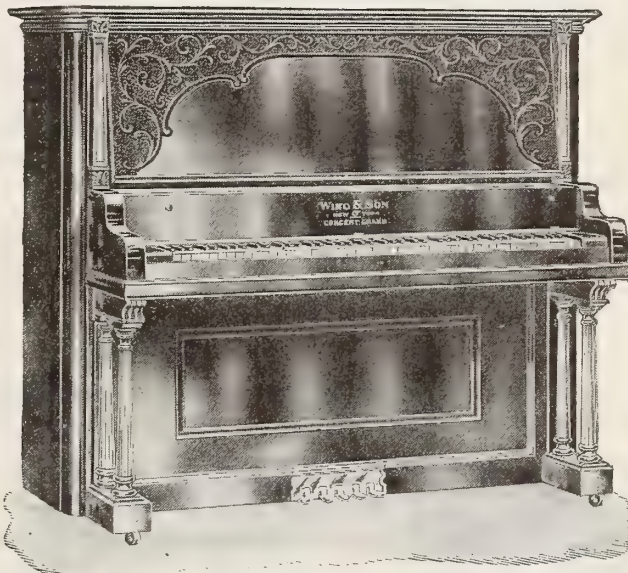
do it with her instinct to select food, brood, and care for them were it not for the accidents over which the hen has no control and which beset chick life on every hand. If man can do all that the hen can do and in addition can eliminate very largely the accidental forces he can then bring to maturity more chicks than can the hen. Too many brooders, while attempting to eliminate the accidental, have failed in imitating the natural. To stay close to nature is the principle on which the Close to Nature brooder is constructed. It is an exact duplicate of the hen in her instinctive way of brooding. This brooder warms the chick by contact warmth as does the hen. It goes farther than the hen, as it gives fresh, temperately warm air to every chick, it matters not how many may be in the hover, and it absolutely prevents chicks either piling up or overcrowding. This brooder has made a wonderful impression on scientific poultrymen all over the country. It is not a novelty or a play-

thing, but an expensively built, big brooder. The brooders are for use in orchard and field, while the hovers may be used in any form of shelter. You can get a catalogue by addressing the Close To Nature Company, at Colfax, Iowa.

The Hoosier Strain Barred Rocks, originated by G. Earl Hoover, Matthews, Ind., won at the great Fort Wayne show in January, first cock, first and second hen, first and second cockerel, first, second and third pullet, first pen and cash special for second best display in the American class. This great record was made with only eight entries and in a very strong class. Under letter of recent date Mr. Hoover writes that his matings this year are the best he ever owned and they can be counted on to produce their share of winners, as usual, and that he would be pleased if everyone interested in this variety could see and personally inspect the very high quality of each and every pen. For further information write him.

THE WING PIANO

Player Pianos
Uprights and
Grands



THE WING PIANO

Player Pianos
Uprights and
Grands

One of our forty designs

Rock-Bottom!

Yes, Rock-Bottom Prices and on a Piano of the HIGHEST Quality

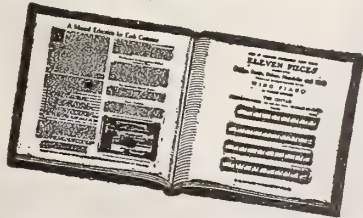
Let us quote you the most astounding prices ever offered on pianos of unexcelled quality. The very rock-bottom prices—prices that would mean ruin to the local dealer or the mail-order houses that buy their pianos from the manufacturer. You will be amazed at the direct-from-the-factory prices on the well-known Wing Piano. We will positively save you from \$150 to \$250 on the purchase of a piano of highest quality, recognized merit. We offer to convince the purchaser by shipping your choice of a piano on approval, all freight prepaid, no money down—absolutely free trial—a four weeks' free trial. Remember: all freight charges prepaid, no matter whether you keep the piano or not.

Send for the best, safest, most instructive book of piano-buying information ever compiled; the

Book of Information FREE!

Would you like to know all about pianos, how they are made, how to judge the fine points of quality and price in buying a piano? Then send the coupon for the piano book which we are sending out FREE for the present—the book is free.

The Coupon Brings this 156-Page Book Free



formation that may mean hundreds of dollars to you, whether you buy a piano now or later. Put your name on the coupon and mail it to us AT ONCE.

WING & SON, Est. 1868, 373-386 W. Thirteenth Street, New York

So many of the new style Wing Pianos are getting into homes where the people buy for all cash, that dealers are trying to tell it around that Wing & Son REFUSES to sell on time. This is not true. We sell for cash OR on VERY, VERY EASY PAYMENTS just as YOU choose after your four weeks' free trial. And many of our wealthy men are buying Wing Pianos right now on our easiest monthly payment plan.

Every discount goes direct to you

The Wing Piano stands alone—sold direct from the factory—the only one sold direct from an exclusive piano factory without going through the hands of a single middleman.

When you buy a Wing Piano you pay no salesmen's, dealers' or middlemen's profits. You pay no commission to music teachers and supposedly disinterested friends. We cut out all middlemen and you put the discounts in your own pocket. The piano book tells how to save from \$150 to \$250.

This book (156 pages) tells all about material, manufacture, assembling, patented devices and what they do, all about soundboard, action, case, in fact every detail connected with the production of a fine, high grade piano. You will be astonished at the amount of information about piano quality and piano prices, and how to avoid the deceptions of piano salesmen. The New York World says, "A book of educational interest everyone should own." With this book we send our direct-from-the-factory prices on Wing Pianos.

Send Coupon

or a letter or postal NOW, Don't miss this opportunity to get the very latest and best piano in.

TO WING & SON

373-386 W. 13th St.

New York City

Gentlemen: With-

out any obligations

to purchase or pay for

anything, please send

me free and prepaid the

book of piano infor-

mation, the complete ency-

clopedia of the piano,

pieces on pianos, etc., all

free, prepaid.

Name.....

Address.....

Sibley's R. C. Rhode Island Reds

First prize winners, Chicago, Detroit, Indianapolis and Buffalo, 1906-7-8-9-10. Our mating circular will be ready February 1st.



Irving A. & Frank Churchill Sibley, 1032 Jefferson Boul., Box G, South Bend, Ind.

COLUMBIAN WYANDOTTES

At Ohio Poultry Association, Columbus, January 10th to 15th, 1910, won first and second pullet; second hen; fourth and fifth cockerels. Eggs for hatching. Send for mating list.

C. L. Patterson - R. R. 33, Box 1, Barberton, Ohio

Rose Comb White Leghorns



You can buy eggs from our Madison Square Garden and Chicago winners at utility prices. Send for catalogue. EGGS, \$3 per fifteen; \$15 per hundred. LITTLE CHICKS, ready to ship, 40c each; \$35 per 100.

Rocky River Poultry Co. : 58 The Oaks : Deerfield, Illinois

A SAFE POLICY

You pay for no spread eagle advertisement or extravagant claims. My reliable champion bred Single Comb Buff and Black Orpingtons must please you or may at once be returned at my expense. Describe your exact wants. :: :: :: :: ::

S. LUTTRELL : R. D. No. 1 : WAVERLY, ILLINOIS



"ROYAL"

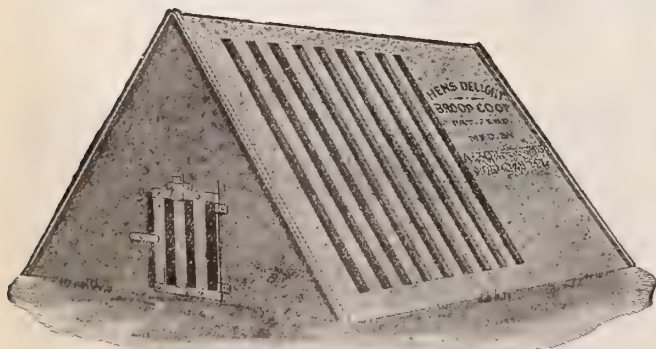
COLUMBIAN PLYMOUTH ROCKS

Our "Royal Strain" of Columbian Plymouth Rocks is the result of years of time, close observation and accurate records applied in the selective breeding from a foundation cross of Lt. Brahas and White Plymouth Rocks. (No Wyandotte or Barred Rock admixture.) They are typical Rocks in type and size and every specimen from pedigree line bred ancestry. Our matings this season including the following winners at the Great International Show, Buffalo, 1910: **First and special cock; first (special) and second hen; first and special cockerel; this bird defeating the first 1910 Madison Square Garden cockerel and the eight females from the two winning pens with a score of other equally good birds. No breeding stock for sale. Eggs from finest exhibition matings, \$5 per 15; \$9 per 30.**

GREEN & KAPLE

Lock Box 400 : Elbridge, New York

The Hen's Delight Brood Coop



The only all galvanized coop on the market with a runway. Protect your chicks from rats, minks, weasels or heavy rains. :: :: ::

Sanitary and Vermin Proof

Durable, neat, handy, compact. Can be taken apart to store or ship. Our prices are as low as the iron would cost of your dealer. Write for circular giving full information. It is free. We pay the freight. :: :: :: :: ::

Altorf Bros. :- 15 Main Street :- Roanoke, Illinois

MR. WILLIAM H. GOETZ, BUFF AND WHITE ROCK SPECIALIST.

Mr. Goetz breeds only fancy poultry, preferring to breed quality to quantity, and he is located on the outskirts of the beautiful city of Detroit, Mich., at 1150 Cadillac avenue, and while land in this section is quite valuable, Mr. Goetz has some fifteen acres which is devoted to raising fancy poultry and gardening. Mr. Goetz has been making a specialty in these varieties since 1905, and during this time has exhibited at many different shows where, in hot competition, he has always won a large share of the coveted prizes.

Mr. Goetz has his houses arranged on the colony plan and has the open front type house, which he contends is best, as it produces strong, healthy, vigorous birds and he has no trouble in securing fertile eggs from his breeding stock, and his chicks thrive and grow to vigorous specimens. Mr. Goetz always retains his choicest show specimens to be mated again in producing his prize winners, and certainly has a fine lot of breeders mated for the trade in both varieties. We will only mention that his first-prize pen of Buff Rocks is headed by the first prize cock at St. Louis, Mo., December, 1909, and among the females are found hens that were first and second pullet at Detroit, 1909, also the third hen at New



KIOWA CHIEF.

Sire of many prize-winners at leading shows. Bred and owned by Frank J. Overstreet, Kiowa, Kans.

York, 1910. His White Rock pens contain winners at Buffalo, New York, Detroit and numerous other shows, and the male birds are all up to and over weight. You will readily agree with us that Mr. Goetz has and is breeding for quality, not quantity, and you will find his prices are very reasonable.

If in need of stock or eggs in either of these varieties you will do well to look up Mr. Goetz's ad elsewhere in this issue. D. T. Jenkins.

S. T. Divinia, St. Joseph, Mo., is a well known breeder of Barred Plymouth Rocks and he has recently issued a very neat and attractive booklet which contains a great deal of information about his stock and as he is anxious for all our readers to have one, we ask those who are interested in this variety to write him, and mention American Poultry Journal.

L. D. Howell, Mineola, N. Y., the well known Buff Wyandotte breeder, has a display ad in this issue and as he is a breeder of experience, you will not miss it if you favor him with your order. In writing him please mention American Poultry Journal.

OWEN FARMS LIST OF SPECIALS WON AT BOSTON AND NEW YORK, 1910.

Boston.

White Rocks.—Best collection, best cock and four hens, best shaped male, best cock, best hen, best pen.

White Wyandottes.—Best collection; best cock and four hens; best cock, hen, cockerel, pullet and pen; best shaped female, best colored female, best hen, best pullet, best pen, several specials for minor places.

Buff Orpingtons.—Best display best cockerel and four pullets, best colored male, best colored female, club cup for best pen of Orpingtons in any variety won by first Buff pen.

Single Comb Black Orpingtons.—Best collection, best cockerel and four pullets, best shaped male, best colored male, best colored female, club medal for best display, medal for best colored male, medal for best colored female, cup for best Orpington male in the show went to our first Black Cockerel.

White Orpingtons.—Best collection, best cockerel and four pullets, best colored male, best colored female, best shaped male, best shaped female, cup for best Orpington female in the show went to our first White pullet.

New York.

Barred Rocks.—Club specials for first pen, first pen for pullet breeding and ten other club specials.

White Rocks.—Specials for champion male, best shaped male, whitest female, several other club specials.

White Wyandottes.—Specials for best pen, several other specials.

Orpingtons.—Club specials for best pens in each variety, president's cup for best pen of Orpingtons, specials for best shaped white male, best shaped female, best colored male, best colored female.

BABY CHICKS.

The plan of doing away with the fuss and bother of hatching eggs, not to mention the expense of poor hatches, is becoming very popular among poultrymen. It is much more satisfactory for a poultryman to start with baby chicks and confine his attention to raising them. Worry, work and risk are thus reduced and there is a corresponding increase in the profits. Mr. Elden E. Cooley, of Frenchtown, N. J., is supplying poultrymen with high class Barred Plymouth Rock and White Leghorn baby chicks. Every poultryman should write for his booklet, which fully describes his plans, mentioning this paper.

The attention of our readers is called to the page ad of U. R. Fishel, Hope, Ind., in this issue. Mr. Fishel advertises the "Best in the World" White Plymouth Rocks. He has mated up the best collection of breeding pens that he ever owned and is now prepared to fill all orders promptly and with satisfaction to every buyer. He also has some choice cockerels to spare that will improve your flock. Write him now and mention American Poultry Journal.

"Fernlea" is the title of an artistic little booklet issued by Fred Harris, Elmsford, N. Y., who, it will be remembered, captured first pen of White Orpingtons at the recent Madison Square Garden show and exhibited a sensational White Orpington pullet, which won first at Philadelphia, also silver cup for the whitest female and silver cup for the best Orpington on the show. Breeders of White Orpingtons will be interested in receiving this booklet.

C. C. Foster, R. F. D. 1, Quincy, Mich., is a breeder of S. C. White Leghorns who is rapidly forging to the front as a producer of up-to-date birds of this variety. He has mated up five grand pens for the season's trade and is now prepared to fill orders for eggs promptly. He is also advertising day-old chicks. Send for his mating list, and mention American Poultry Journal.

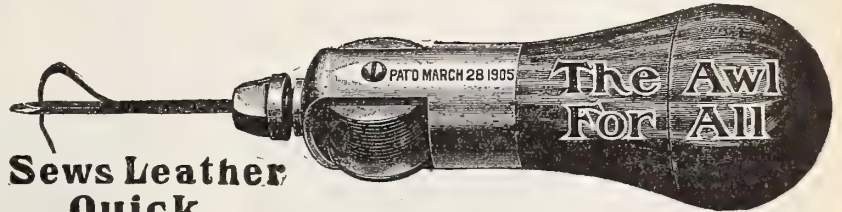
J. Le Roy Cunningham, Indiana, Pa., breeder of White Wyandottes exclusively, starts a display ad with us this month, and reports that his birds were winners at Apollo, Greenburg and Pittsburg, Pa. He uses trap nests and has succeeded in developing a wonderfully good laying strain. Write him for prices and particulars, and mention American Poultry Journal.



GAPE-NIT

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting Gape. Price 25c, 50c and \$1 postpaid. PEEPERLESS CHOLERA CURE never fails. Price 50c postpaid. Booklet and testimonials FREE. AGENTS WANTED. PEEPERLESS GAPE-NIT CO., 836 Gordon St., Allentown, Pa.

Lock Stitch Sewing Awl



**Sews Leather
Quick**

This Awl is designed particularly for farmers' use, but it will be found a time saver and money saver in nearly every household. It is not a novelty, but a practical hand sewing machine for repairing shoes, harness, belts, carpets, rugs, tents, awnings, canvas of all kinds, gloves, mittens, saddles, etc.; you can also tie comforts. The awl proper is grooved to contain the thread or waxed end and the point being diamond shape will go through the thickest of leather, green or dry, any thickness. It can be used with either straight or curved needle, both of which come with the outfit, and veterinarians will find it indispensable for sewing up wire cuts in stock. The Lock Stitch Sewing Awl is a necessity for the people; can be carried in pocket or tool chest; nothing to lose, always ready to mend a rip or tear. Better than rivets because it is portable. Can be carried in mower or harvester tool box, threshing kit or anywhere. If you save one trip to town for mending you are money ahead. Every farmer needs one, every man who teams needs one. It is the most practical hand sewing machine for actual use ever devised. They are put up with straight and curved needles, waxed thread, illustrated book of directions and everything ready for use.

You Can Get It Free

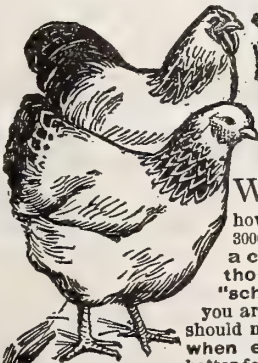
I want you to sell for me six sets of Flower Seeds to your friends. It will take only a few minutes of your time, as my offer is so liberal everybody will want one. After you have tried it you'll be enthusiastic and want to earn some of the other fine rewards I am giving away.

Just Write Me A postal card will do — Don't Send Money

say you want six sets of Flower Seeds to sell. I'll send them by return mail—I trust you until you sell them—then send me the money collected and I'll send you this Handy Sewing Awl as a reward for your trouble, and a complete list of other valuable articles of merchandise you may earn in the same way. Don't wait—send me a postal today. Address,

THE PREMIUM MAN,

17A BROADWAY, - - SPRINGFIELD, MASS.



HOW TO DOUBLE YOUR POULTRY PROFITS

WE want every reader of this paper who is interested in chickens to send us his or her name and address now. It doesn't matter how many you have or what kind. Whether you have 3 chickens or 3000 chickens we have a secret to tell you that won't cost you a cent to learn and which has doubled the poultry profits of thousands of poultry raisers all over the country. We have no "schemes" or lessons to sell you. Simply send us the coupon, say you are interested, and we will send you the information at once that

should mean more eggs when eggs pay best, better fowls for market or laying and how to avoid losses in breeding that alone is worth hundreds of dollars to any raiser. Simply send the Free Coupon today and let us show you. This is for beginners, professionals and those who just keep chickens. It's dollars in your pocket to all of you.

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Send me free information how to double my poultry profits.

Name.....

Address.....

I have.....fowls.
(State Number)

I am interested in.....

WM. KLUG, ROSE AND SINGLE COMBED RED SPECIALIST.

Mr. Klug is certainly a Red enthusiast and has been making a specialty of Reds for a number of years past, during which time he has exhibited his birds at many shows, always winning a large share of the prizes. Mr. Klug not only breeds prize-winning stock, but has a grand laying strain as well.

His pullet which won first prize at Detroit, 1909, further covered herself with honor by laying 247 eggs during the year, and today she has that rich red color so much desired in a Rhode Island Red hen, being nearly equal to any pullet in richness of color.

Mr. Klug has been carefully mating his

A CORRECTION.

In the advertisement of R. D. Sly, in our March issue, we located him at West Clarksville, Ohio. His correct address is West Clarkfield, Ohio, where he breeds "Ringlet" Barred Rocks and S. S. Hamburgs of prize-winning fame. Send for his price list of eggs and stock and mention American Poultry Journal. He will treat you right.

F. S. Smith, Hamilton, Ohio, breeder of S. C. Buff Leghorns, has made a remarkable record with his stock during the past two years, and reports the following winnings: In 1908 won most of the ribbons at Hamilton and the great Cincinnati show, and two silver cups for best

pullet, first pen, four club ribbons and silver cup for best display in Mediterranean class. Columbus, 1910, first cock, fifth cockerel, second pullet, second hen, first pen. Cleveland, 1910, third cock, fifth pullet, first pen. Indianapolis, 1910, second cockerel, second pullet, fourth cock. Toledo, 1910, first hen, second and third cockerel, first, second and third pullet, first pen. If you are looking for something that will improve your stock, write him for prices and particulars and mention American Poultry Journal.

Those interested in R. C. Rhode Island Reds and particularly those who are breeding the Tuttle line of stock, should read the ad of A. W. Blanchard, of Beloit, Wis., who offers eggs from his best pens of Tuttle Reds at very reasonable prices,



PARTRIDGE COCHIN HEN.

Winner of first at New York, 1908-1909. Owned by Robert F. Clark, 87 Milk St., Boston, Mass., who recently purchased the entire stock of Geo. W. Mitchell.



First prize Buff P. Rock pullet, Chicago, January, 1908. Owned by S. D. Lapham, Dearborn, Mich.

birds from year to year and has these desirable qualities well stamped in his flock throughout, and this season his matings in both Rose and Single Comb are considerable in advance of other years when it comes to quality. He is in the business to please his customers and should you desire eggs or stock of either variety you will do well to correspond with Mr. Wm. H. Klug, proprietor of Seyburn Poultry Yards, 895 Seyburn avenue, Detroit, Mich. His ad will be found elsewhere in the columns of American Poultry Journal.

D. T. JENKINS.

display. In 1909, at Hamilton, first cock, second and third hen, first and second cockerel, first pullet, first pen and silver cup for best display. In 1909, Cincinnati, first cock, second hen, second and third cockerel, second and fourth pullet, second pen and special for best colored male in show. The great St. Louis show, 1909, second cock, second pen, third pullet, fifth cockerel. Chicago, 1909, third pen; showing at the above three shows at the same time. Dayton, 1910, first and second hen, first and second cockerel, first and second cock, first, second, third and fourth

considering quality. Send for his circular. It's free.

H. C. Franklin, Townshend, Vt., the Rose Comb Brown Leghorn specialist, has just issued his 1910 mating list. Better send for one; it will interest you.

Pleasant View Poultry Farm, Griswold, Iowa, has just issued a very neat circular about their Rose Comb Rhode Island Reds. Send for one and mention American Poultry Journal.

Why Poultry Pays
and
How to Make It Pay.

BY
MORGAN BATES,
BYRON, ILL.

PUBLISHED BY
AMERICAN POULTRY JOURNAL,
358 Dearborn Street,
CHICAGO, ILL.

WHY POULTRY PAYS AND HOW TO MAKE IT PAY

A book for the beginner in poultry raising and for those engaged in it who are interested in securing from the business the greatest profit obtainable. This book tells you how to start right, how to succeed with poultry, how to line breed, how to win at the shows, how to breed and prepare fowls for market, how to feed for the production of eggs. Also contains a chapter on Poultry Diseases and simple remedies for same. Gives instructions on incubators and brooders and much other valuable information, and is profusely illustrated with ideal drawings of Standard fowls.

We are selling this book at the popular price of **50 cents**. This book and one year's subscription to American Poultry Journal for only **75 cents**. Send all orders to

AMERICAN POULTRY JOURNAL PUB. CO.
358 DEARBORN STREET CHICAGO, ILLINOIS

A Trip Through the East

By Harry M Lamon, Special Representative A. P. J., Adams Center, N. Y.

PINE GROVE POULTRY FARM, NORTH MIDDLEBORO, MASS.

As I have always been anxious to see who is who in Columbian Wyandottes here in the East, I made a trip to North Middleboro, Mass., as I knew that Wm. Hunt was a leader in this variety. Mr. Hunt's farm consists of about twenty acres, located on the street car line, which gives him the best of shipping facilities, and is easy of access. It will be remembered that Mr. Hunt bought the entire stock and good will of C. A. Wheeler, Brighton, Mass., in July, 1909, in this variety, and the many grand birds seen at Pine Grove is evidence that Mr. Hunt is maintaining the high standard set by Mr. Wheeler. The main breeding building is 100 feet long, divided into ten pens, and in this house I saw some of the finest Columbians in the land, among them was the first pullet at Boston, for which Mr. Hunt has refused \$100 on four different occasions; also the fourth and sixth cock, third and fourth hen, third cockerel and second pullet at Boston, 1909. Then there was the first cock and first hen at Providence, 1908, looking fit to do the trick again. In one pen were the females in the second pen at the Brocton, Mass., fair, and it would be hard to find better and more evenly matched birds. In Wyandotte shape they are what all want to see and exceptionally fine in hackle, stripping and tail; in fact, right through Mr. Hunt's block can be seen uniform good quality. The other buildings on the place consist of a cockerel house, incubator cellar and brooder exhibition fitting house and numerous colony houses in the orchard. Pine Grove poultry farm

is certainly in splendid shape to please its customers, both in quality and utility stock. At the time of my visit, February 21, his egg yield was extra good for that time of the year. Mr. Hunt is one of the men that guarantees everything just as represented that he sends out, or your money back. Look up his ad.

ROYAL FARMS, LITTLE SILVER, NEW JERSEY.

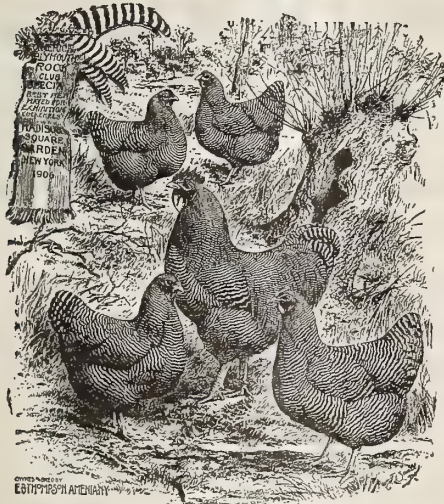
A few days after the Red Bank, N. J., show I visited Royal Farms, which are about one and one-half miles from Red Bank on the famous Rumson road, one of the most celebrated drives on this continent. Here I found some of the best Single Comb Buff Leghorns, Indian Runner Ducks and White Holland Turkeys that it has been my good fortune to see. Mr. Evans was busy superintending the construction of his new brooder and incubator house, which is to have a Hall incubator of 3,000 egg capacity. The brooder house is 140 feet long and contains forty hovers. All buildings at Royal Farms are on concrete foundations and the yards have splendid drainage and lots of shade. In looking over the Buff Leghorns the writer saw and handled the best male in shape and color that he has seen in years. He was of that bright, even, golden color from head to end of tail and his tail had that low carriage Leghorn breeders of all varieties strive so hard to get. The males of this male were all that could be desired in head points, color and shape, and I predict some great birds from this mating at Royal Farms. The balance of the pens of Leghorns were of strictly high class

quality; but of course there is always one best, and I think our readers like to know about them. Nevertheless, some idea of the quality of the other hens can be gleaned, as they are headed by such males as the third pen cock at New York, 1909, third pen cockerel New York, 1910, first cockerel New York state fair, 1909, first cockerel Red Bank, 1909, and the first prize cockerel New Jersey state fair, 1908. That Royal Farms are leaders in Indian Runner ducks I need only to say the yards are made up of their Chicago, Jamestown and Madison Square Garden winners. They are of the proper shade, fawn and white, with correct markings. I noted especially their grand drake which won first at Madison Square, 1910, and special for best Indian Runner in the show. The White Holland turkeys at Royal Farms are most decidedly a grand flock, and maintain the quality of the Leghorns and ducks. They are extra large in size and pure white in plumage. Mr. Evans was very proud of his win at Madison Square Garden last winter on four entries, taking third Tom, first and second hen and first cockerel. His motto is not how many but how good, and I feel perfectly justified in saying to our readers, you will get quality form Royal Farms.

WATERVIEW POULTRY YARDS, HEMSTEAD, L. I., N. Y.

On the outskirts of the beautiful village of Hemstead, Long Island, N. Y., are located the Waterview poultry yards, H. J. Dietz, proprietor, where Single Comb White Leghorns, Single Comb Rhode Island Reds, Light Brahmas and Barred Rocks are bred for market and utility purposes, under the supervision of Mr. A. Johns, the manager. At the time of our visit, February 5, they were carrying 400 Leghorns, 100 Reds, 75 Barred Rocks and 50 Brahmas for breeders. I found the stock in grand condition, not a cold to be seen, and they were certainly shelling out eggs. Pen after pen with six females

Fashion's Proudest Birds are "Ringlets"



Winners of Special Prize for Best Pen mated to produce Exhibition Cockerels, at Madison Square Garden, New York.

E. B. Thompson's Barred Rocks

are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which have made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse---it is the most remarkable in the annals of poultry shows.

My producing the beautiful "Ringlet" feathers on Barred Rocks is recognized as having passed far beyond the realm of experimental theory. I never had so many superior exhibition and breeding birds---both male and female---with which to supply my customers all over the world as now, and all fanciers who visit my farm declare the stock is a revelation in the science of Barred Rock breeding. I can furnish you any birds you may want at reasonable prices and will assure exceptional value. Will mate to produce winners if desired.

The "Ringlets" are known in every land and play their part in the commerce of the world

"Ringlet" Eggs Are The Best That Money Can Buy; They Produce Prize Winners

Mr. E. B. Thompson

Dear Sir:—Thinking it would be of some pleasure to you to know of my winnings on your "Ringlets" at our show, I will state that I won first prize on cock, hen, cockerel and pullet, and special for best cock, any variety, and special prize for best hen, any variety, in the show. The "Ringlets" win wherever shown. This was my first exhibit and my birds were the sensation of the show. Yours truly, W. J. Brown, M. D.

Dover, Ark., October 18, 1909.

My matings for eggs are the world's finest, and prices are as usual: One setting, \$6; two settings, \$11; three settings, \$15; four settings, \$18; 100 eggs, \$30. New 58-page catalogue, full of pictures of New York winners from life, will be mailed upon application.

SEE MY OTHER
ADS IN THIS PAPER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

in had five and six eggs in the nests, which speaks volumes for them as egg producers. The quality of the birds at Waterview is of the best. The owner, when starting, bought the finest stock to be had and maintains the quality to date. The main breeding house is 300 feet long, divided into pens of ample size for the exhibition breeding stock, with large runs for each pen. The utility stock is kept in four other large houses, 60x30, divided in half, fifty birds being allotted to a pen, with free range giving them most ideal conditions. The hatching and brooding is all done with incubators and a pipe brooder system. Mr. Dietz has never cared to show his stock to any great extent, but last year made an entry of a pen of his Leghorns at the Mineola fair, winning first, and this in strong competition, as we can assure our readers that Mineola is one of the quality shows of the East. The prices on stock and eggs quoted by Waterview I considered very reasonable for the quality of their stock, and advise our readers to write them if in need of anything in their line. Look up their ad.

ELMER G. DEAN, MORGANVILLE, N. J.

While at Morganville, N. J., I met Mr. Elmer G. Dean, the Single Comb Rhode Island Red breeder, who starts a yearly ad with us in this month's issue of the American Poultry Journal. In looking over his birds I noticed they were exceptionally strong in black points and black tails among the females. They are of the deep red color, even color on the body and when you come to the tail the red stops and the back is finished with a coal black tail. The males in Mr. Dean's flock are all that could be desired in many respects, size and evenness of color being strong characteristics. Mr. Dean showed me the eggs he had on hand and I must say I never before saw such an even colored lot and of such large size. In color they are a deep brown. His first exhibit was at Red Bank, 1909, where his birds began to attract considerable attention among the Red breeders, winning first pullet and second cock on two entries. At Monmouth county fair, 1909, on four entries he was awarded second and third

cockerel, second pen and fifth pullet. Trenton, 1909, third cockerel on one entry, and at Red Bank, 1910, fourth and fifth pullet on two entries. Quite a record when you stop to think about it and the competition. A win on every bird he ever exhibited. It stamps them of the best of quality and I recommend Mr. Dean and his birds to our readers. He guarantees satisfaction, and at the prices asked for his eggs—\$2 per setting—should be overwhelmed with orders. Look up his ad.

PINE TOP POULTRY FARM.

Pine Top Poultry Farm, Hartwood, Sullivan county, N. Y., J. H. Hallock, proprietor, breeder of Barred Rocks and Single Comb White Leghorns, located on the hills of Sullivan county, 1,500 feet above sea level and 100 miles from New York City, on the N. Y. Ontario and Western railroad. If high quality, strong constitutional birds cannot be bred there they cannot be bred anywhere. The equipment at Pine Top is most complete. The different buildings being nicely located in a forty-acre clearing of a 150-acre tract of pine, spruce and hemlock. It was quite evident to me that Mr. Hallock is looking years ahead in building up his farm, as he has the yards and runs set out with apple, peach, pear and plum trees. The receipts from this source alone in a few years will amount to a nice, snug sum. The buildings, like everything else at Pine Top, are of the best and consist of the office, feed house, incubator cellar, large and small brooder houses, White Leghorn house, Barred Rock house and fifty colony houses. The incubator capacity has been increased to 3,500 eggs and the chicks are leaving the brooder houses have the entire run of the farm. Manager Winchell is on the job every minute at Pine Top and the entire plant is kept absolutely clean. It was February 17 that I made my visit and they were then starting to ship day-old chicks and I was informed by the office manager, Miss Weldon, that they were simply snowed under with orders.

On the first floor of the feed room is installed a 9-horsepower gasoline engine, which runs the machinery for grinding, cracking and mixing all the feed used; also the buzz saw to get out the shipping

coops and other lumber used about the plant. A most complete carrying system can be found here. As the feed leaves the grinder, cracker or mixer it is carried to the second floor, where it is distributed in the large feed bins, which are opened by chutes to the smaller bins on the ground floor. This building and the system installed are worth carefully noting by anyone visiting this plant. What interested me the most was the birds, and I wish to lay particular stress on the uniformly good quality throughout. There is not a poor pen to be seen at Pine Top. I first looked over the Leghorns, of which there were eight grand pens, mated for the egg trade, and they had quality teeming all over them. The first pen visited was headed by that great male that won first pen, New York, 1907, first Chicago, 1908, and first Philadelphia, 1909. The next by a son of their first Chicago, 1908, and first Philadelphia, 1909, cock. The third pen, headed by the first Philadelphia cockerel, 1909, now a cock, looked every bit as good as he was a year ago, and so it was right down through the balance of the yards, all headed by strictly high quality birds, fit to show and win in the strongest competition. That the females in these pens are of Pine Top quality goes without saying, and I believe the results from these matings will be some of the finest Single Comb White Leghorns that ever faced a judge.

After looking over and handling so many good Leghorns I was not at all surprised to find the same quality in the Barred Rocks. I like very much the male and female lines shown here, both being strong in combs, eyes, color, narrow barring, shape and size. The uniform shape was exceptionally noticeable. They have no room for high tailed Barred Rocks at Pine Top. Twenty-three pens were mated, eight for cockerels, eight for pullets and seven for the utility trade. I want to say right here that they get eggs in the winter at Pine Top and a lot of them. The cockerel breeding pens were headed by the champion male at Philadelphia, 1909. The second cock, same place and date, the first Tri-State winner at Memphis, Tenn., September, 1909, third cockerel, Philadelphia, 1909, the first cockerel Tri-State fair, September, 1909, and others just as good, a rare lot of males, exceptionally strong in narrow and clear-

Owen Farms' Eggs For Hatching

FROM
Buff Orpingtons
Black Orpingtons
White Orpingtons
White Wyandottes
Barred Plymouth Rocks
White Plymouth Rocks
Eggs for Hatching

This is the important matter before all of us from this time until the whole hatching season is over. Owen Farms has taken a departure this year and we feel that it should be explained fully, so that every one who runs may read and thoroughly understand what we are doing and why we are doing it.

In the first place, the writer has a large interest in the success of the poultry business in the United States, an uncommon desire to see it grow and prosper. Each one who writes Owen Farms, either for information, advice, price on stock or eggs, becomes to a certain extent an acquaintance of both Mr. Owen, the Proprietor, and Mr. Delano, the Manager, and we feel a personal interest in them. I have carefully gone over our business of the last few years and I have come to the following conclusion, that nineteen people out of twenty cannot afford to pay \$20 a sitting for the best eggs that Owen Farms can produce. Having \$20 pens, which we would allow the customers who could afford this price to en-

tirely monopolize to the entire exclusion of the other nineteen out of the twenty, seemed to us not to reflect and express that intimate, close interest which we have in each and every enthusiastic fancier.

No One Excluded From the Possibility of Growing the Best Birds of the Year

We therefore decided that we would list our pens just as we always have, describing the matings carefully and mating only our very best birds, limiting our mating considerably, and that we would have one uniform price, giving everybody a square deal and taking eggs from the pens in such a manner that every one who bought eggs of us should have the undoubted possibility and probability of raising some of the finest chicks of the year. To the man who could pay \$20 for a sitting this method does not work to his disadvantage as he might at first suppose. If, for instance, he was buying two sittings at \$20 a sitting he would pay us \$40 and get thirty eggs, according to our methods of last year. This year he may purchase of us for \$50 one hundred eggs and among that hundred eggs he would receive probably as many as thirty eggs from the matings that we have heretofore listed at \$20 per sitting. He gets, therefore, in addition to what he would have received last year great possibilities in the balance of the eggs, for I can assure each and every customer that we will not have a single mating that will not produce birds of remarkable quality.

We do not pose as philanthropists in this matter, but so long as the writer, Mr. Owen, lives and continues in the poultry business, the fair interest of our customers shall be our first consideration.

To state it clearly just what you can do with Owen Farms this year in eggs for hatching I would say that you may receive from any of our varieties:

Owen Farms Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr. Box A, Vineyard Haven, Mass.

ness of barring, and other points that go to make up our winning Barred Rock males at New York, Philadelphia and Boston. In the pullet breeding pens were to be seen all of their New York, Philadelphia, Boston and Chicago winners, headed by sons of the very best from among them. I was much interested in the cockerel that is a son of their famous Chicago winner, "Queen of the Pines." He is a beautiful bird all over, and with several of his feather, should be able to produce the very highest specimens to be found in Barred Rock females.

OWEN FARMS, VINEYARD HAVEN, MASS.

Arriving at Vineyard Haven Friday afternoon, February 18, after a delightful ride by boat from New Bedford, Mass., I walked to the Owen Farms office, which is but a short distance from the wharf, and was made welcome by Manager Morris F. Delano. To the average poultryman the office generally means one room with possibly a typewriter. At Owen Farms the office is on the same scale as to be found at any other large business establishment. It was a revelation to me. Four stenographers as busy as they could be, taking care of the tremendous amount of mail received. This room also contained the letter files, card index system and other fixtures that go to make up the well regulated office. At the far end is Manager Delano's private office, and when I called his desk looked as though he had not seen the bottom of it for several weeks. It is work at Owen Farms office from morning until night, and to give the reader a more exact idea of the amount of mail handled, one morning that I was there the mail contained 125 letters, and, mark you, that was only one mail. Then, again, I want to remind you that instead of one stenographer, there are four. I am not writing this article to let what a great amount of good Mr. Owen is doing for the poultry business in general; I made mention of that fact in my report of the Boston show; but am writing to let the readers of the American Poultry Journal know what Mr. Owen, Manager Delano and their able assistants are actually doing at Owen Farms, and to impress upon the reader's

mind what can be done in the poultry business, what is being done and the exceptional opportunities awaiting those who are willing to dig in and work. I have always felt that poultry people as a rule do not care to read about fine buildings as much as they do fine birds. In other words, most people visit a poultry farm to see the fine birds and don't give a rap whether the bird is in a mansion or a drygoods box, if it only has the quality and the health. So I will pass

gers directly in charge. In regard to the numbers and magnitude of the buildings, it is sufficient to say that they are in position to mate up 350 breeding pens and have incubator capacity and brooder houses and equipment to take care of such an enormous output. And the floor space in these pens could easily accommodate from thirty to forty birds instead of from six to eight as I saw them.

That Owen Farms are specialty breeders of the varieties they handle is very



A flock of White Wyandottes on Frogdale Poultry Farm, French Lick, Ind.

over the buildings at Owens Farms by saying that they are as good as I have ever seen and thoroughly practical.

All the stock is housed on the open front order, which insures strong, healthy birds. Right here I will make mention of the fact of the hundreds of birds I saw not one was out of condition, which speaks volumes for the assistant mana-

evident to anyone who visits their farms, as each breed is handled separately, is housed by itself, and is distinctly apart from the others and is cared for by its own set of men. Each breed has an assistant manager in direct charge, who in turn is held responsible by Manager Delano for the welfare of his flock, or perhaps I should say, is assisted and advised by General Manager Delano.

Owen Farms' Eggs For Hatching

10 Eggs for.....	\$ 7.50	14 Eggs for.....	10.50
11 Eggs for.....	8.25	15 Eggs for.....	11.25
12 Eggs for.....	9.00	50 Eggs for 60c each, or.	30.00
13 Eggs for.....	9.75	100 Eggs for 50c each, or.	50.00

Every egg will be marked with the number of the pen and the variety from which it is taken, and by comparing it carefully with our mating list you will see just what you are getting, and that we shall give the same satisfaction in results that we have heretofore we are positive, for already we are hatching from our eggs with great satisfaction as to fertility and hatch.

We guarantee three eggs out of four to be fertile, and where the number is an odd number and cannot be divided by four we shall give our customers the benefit of the extra egg.

We advise early booking of orders, for this allows shipment to be made at the time you wish them, and in some of our varieties particularly the number of the pens to be mated is somewhat limited and you are likely to be disappointed if you put off your orders too long.

We shall continue to pack them with the extreme care that we have used heretofore and can assure our customers that they can order eggs fearlessly from any point in this country or Canada, as our reports have been extremely favorable from eggs shipped to the extreme North and South and to the extreme West.

Express Charges on All Original Orders for Eggs for Hatching Prepaid to Points in the United States or Canada

This is not the first time that Owen Farms has proposed something which is an innovation. Among other things they were the first to introduce to the poultry world stock guaranteed to win at any show in America.

In adopting this very broad proposition for the benefit of their

customers they are acting with care and a knowledge of just what it means, both to themselves and to their customers, and they have no hesitation in doing it. As almost every one well knows, express rates can be made better if made at the point of shipment, and particularly when paid in advance. We know how much the express will cost us; you do not know how much the express will cost you. We believe that this step that we are taking is the greatest step that was ever taken in the poultry world for the protection and benefit of the customers of any one particular farm.

Mating List

Our mating list for 1910 is all ready and is yours for the asking. Our matings are as carefully described as in years gone by, and that you ought to receive one whether you purchase eggs of us or not I confidently believe. A postal card naming the variety you are interested in will bring it with the least possible delay. Do you not owe it to yourself to carefully read our mating list before you buy eggs this year?

Breeding Stock

We can now give you a wonderfully good lot of young birds that have come on and developed since our showing at New York and Boston. Just at this time we are in a splendid position to furnish our customers with really wonderful quality in males and mated trios and pens for breeding purposes. Our matings are made and we will sell any bird on our place not included in these matings. This year we are selling eggs for hatching only at one price, those from our best pens; which have been reduced in numbers. Consequently, we have more first-class birds to sell than ever before at this time of year. If you need a grand male bird to head your finest pen or if you wish to start in one of our varieties with a trio or pen mated for the best possible results and having the best blood lines in the world, write and ask us what we can do for you. We cannot tell you what we have unless we hear from you and know that you want to hear from us.

Owen Farms

Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr.

Box A, Vineyard Haven, Mass.

I first visited Tashmoo Farm, where the Barred Rocks are kept, and there found Assistant Manager Newton Cosh in charge. The pens were all mated up and had been for some time. The females were just merely starting to lay the eggs that many of the winners at our largest shows next winter will come from. It is not my idea to tell about all of the grand birds seen and handled while there, as their catalogue tells about them. But I thoroughly inspected every pen and handled many of them and am willing to go on record as saying that I never before saw so many good pens of Barred Rocks as there were at Owen Farms. There was

turned me over to Assistant Manager Nickerson, in charge of the Orpingtons. Owen Farms are to be congratulated on securing the service of Newton Cosh. The same can be said in regard to Mr. Nickerson. No one need worry about the position Owen Farms will occupy as Orpington breeders as long as he is in charge. We just looked over the Buffs and they certainly were a grand sight. Great large, low down, massive birds, with that bright, even golden shade demanded by the standard, good combs and bright red eyes were other strong features noted. I was quite interested to see how the male birds ran in under

made the Owen Farms Black Orpingtons famous.

The White Orpingtons at Owen Farms were a surprise to me. I had seen their grand Whites at Boston, where they won every first with a different lot of birds exhibited than they had at New York that won three out of the five firsts competed for, and rather imagined I had seen about all the good ones they owned. I hadn't seen half of them. The place was simply alive with White Orpingtons that were just as good as their winners and almost the equal of the Blacks in shape. I believe the results from the Orpington matings at Owen Farms will be



Photo showing a few birds taken from the yards of Will H. Schadt, Goshen, Ind. Average weight of the birds, including S. C. Buff, Black and White Orpingtons, 9¼ pounds. Mating list with full information will be mailed free upon request.

an even distribution of quality right through them all; not one or two pens containing all the good birds. It looked as though all the pens contained all the good ones. It is the high average quality in the breeding pens that produces the winners and I believe Owen Farms are stronger today in Barred Rocks than they were a year ago. After giving me every opportunity to thoroughly inspect and handle any of the birds I desired to, so that I would know exactly what Owen Farms had in Barred Rocks, Mr. Cosh

color of hackle and saddle and was happily disappointed to find every one I handled (and I handled a lot of them) were buff right down to the skin. Next came the Blacks. The first I came to were first, second and third cockerels at Boston, followed by three of the finest Black Orpington cocks I have ever happened to see in one breeder's yards. The luster on these birds is simply beyond description. Not a trace of purple was to be seen in any of them and their mates are of that deep, blocky type that has

highly satisfactory and very gratifying to Owen Farms. The breeding pens show that a master hand has done the mating.

The next day I visited what is known as the Red Farm. On one side of this farm the White Rocks are kept, on the other the White Wyandottes. We first looked over the Wyandottes, in charge of Assistant Manager Manchester. Manager Delano took me in tow and we inspected every pen and I handled bird after bird that fairly teemed with quality. I want to make especial mention of the size of

BUFF PLYMOUTH ROCKS

The Nuggets lead the world—always did and will, and are recognized as champions of America. Our cockerel NUGGET, JR. and pullet MISS NUGGET, easily ran away with the BLUE RIBBONS at the late Madison Square Garden Show, N. Y., 1910. Is this not sufficient proof that the NUGGETS are superior to all others?

If you want EGGS from the proven best come to headquarters. We have furnished Madison Square Garden winners for years. Our business is raising Buff Rocks for the BIG shows, helping others to win, and if you want eggs from PROVEN BREEDERS—from the strain that has a record with them from start to finish. Give us a trial and be convinced that we can sell you EGGS or BIRDS that will do you good. EGGS \$2.50, \$3, \$5, \$7, \$10 per 15. Eggs from NUGGET, JR. mating, containing first, second and third prize Madison Square Garden females, \$10 per 15.

The Nugget Poultry Farm, C. L. Pensyl, Prop. :: Box A, Bloomsburg, Pennsylvania

the Owen Farms White Wyandottes; they are large and they are white, with fiery red eyes, fine combs and the correct Wyandotte shape; they have that nice curve to the back that separates the Wyandotte from the Rock in that section. I don't mean in just a few of the pens, but in all. There were enough good White Wyandottes on that farm so that all of the pens could be composed of high class individuals. In my report of the Boston show I spoke of the first prize White Wyandotte pullet as a gem and an easy winner in her class, and when I saw her at the farm she was still holding her own and I predict she will be a hard hen to beat next winter. After carefully noting for the last time the many grand Wyandotte matings we went back to the other side of the farm, where the White Rocks are housed. Here we found the same high quality maintained as in the other breeds from the first to the last pen.

The White Rocks are looked after by Mr. Daniel Green, and they showed that they were well cared for. Here could be seen the descendants of that grand bird "Old Champion," twice a winner of the blue at Madison Square, once at the head of the first pen there and first as cock at Boston, a record I believe never attained by any other White Rock male. It is not the high quality of just a few of the pens that impressed me, as I have said before. But the high quality of them all, and what I could say of one of the White Rock pens will hold good all through. Nothing brings out a breeder's ability as the mating of the breeding

fourth hen, third pullet and first pen. I also wish to mention that Mr. Howells was awarded the \$5 gold special at New York for best display, also special for best pen. He will mate up but three pens the coming season. In one will be the cock and four females that composed the winning pen at Madison Square and the third and fourth prize pullets, the second pen is headed by the sire of most of the winners in the first pen, mated to a grand lot of hens. The third prize cockerel at

Richmond will head the third pen, and mated to him are eight hens of known quality as breeders. Mr. Howells has a record that rarely falls to the lot of an exhibitor, a win on every bird he has showed. That his eggs were running exceptionally high in fertility for this time of the year is shown from reports of some of his customers. One reported from ten eggs set February 9 nine strong, healthy chicks. Another, twenty-one out of twenty-nine, and one customer wrote that he

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NEPONSET RED ROPE ROOFING is extensively used for smaller buildings. It costs about the same as ordinary tar roofing but lasts 3 or 4 times as long.



BARRED P. ROCK.

Bred and owned by W. H. Shaw, Canton, Ill.

pens. A mistake made in mating means the loss of the pen for the entire season. But I don't believe that mistake has been made in one instance at Owen Farms. To me there lies the secret of their success and tells the story of how they can show a different lot of birds at the New York and Boston shows and win on both of them.

LEON D. HOWELL, MINEOLA, N. Y.

It was after dark when I arrived at Mineola, N. Y., to inspect the Buff Wyandottes owned by Mr. Leon D. Howells, and I was unable to see the birds, as Mr. Howells had an engagement to meet that evening. Later I hope to be able to inspect his birds and tell the readers of the American Poultry Journal more about them. But the record he has made with them since he started to show will be of interest to our Buff Wyandotte enthusiasts. His first prize pen at Madison Square Garden this last winter was one of the sensations of the show and pronounced by many the peer of any pen of Buff Wyandottes yet shown at New York. He also captured third and fourth pullets on two entires. At Richmond Hill show, 1909, he was awarded third and fourth hens, third and fifth cockerel, first, second and fourth pullet and fourth pen, the first pullet being awarded the special ribbon for best shape, best color and for best female in the class. At Mineola, 1909, he made but four entries, winning third and



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WHITE WYANDOTTES

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States.

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WH. WYANDOTTES CUP WINNERS

At the Cleveland show we won silver cup for champion cock. At Akron our stock made almost a clean sweep. Also winners at Warren and Elyria. We have four grand pens of prize winners mated to produce prize winners. Eggs, \$3 per 15. Send for mating list.

W. J. Battels : Akron, Ohio

HIGHEST SCORE EVER WON

100 Envelopes, 3½x6½ inches, an extra strong, thick, smooth, slick, white writing face, and 120 Letterheads, 8½x11 inches, heavy, hard, smooth, slick, pure white writing paper, all artistically printed and illustrated with latest new Standard cuts of your breed for only \$1.00. Express charges paid by me. Better printing for the price was never done. No order less than \$1.00 filled. Name your Express office. Cards, tags and egg labels same price as above.

Address, J. R. HUDSON, Hardin Springs, Ky.
I have seen samples of Mr. Hudson's printing. It is very nice; he is perfectly honest.—EDITOR

hatched fourteen chicks from fifteen eggs, which speaks volumes for the vigor of his stock. Mr. Howells' stock has free range and I believe anyone placing an order with him will get extra value for their money. Look up his ad.

MOUNTAIN VIEW FARM.

Mountain View Farm, R. F. D., South Kent, Conn., E. A. Harring, owner, is composed of a sandy loam soil, situated at the foot of the beautiful Berkshire hills at South Kent, Conn., about as well adapted for poultry farming as one could

over the place in brooders and was taking off a hatch from three incubators the day I was there, February 23. The percent of fertility ran exceptionally high and I find it the same most everywhere where the birds are given plenty of fresh air. Mr. Harring was at one time manager of Willow Brook Farm and secured his foundation stock from them and he is probably as well equipped in both stock and experience to produce the best in Orpingtons as any of the admirers of this popular breed. His record at Madison Square Garden, New York, 1907, in Blacks was first cock, second hen, fifth pullet and silver cup for best display.



A typical White Plymouth Rock. Owned by R. C. Caldwell, Lyndon, Ohio.

wish for. It lays so that the cold winds of winter cannot chill the birds and is always cool in summer, which means a whole lot in the fast growing of young stock. I found that Mr. Harring had twenty-one pens mated for the season, seven of each in White, Black and Buff Orpingtons, and all were strictly of the best quality and their birds have been known for years to be of the best. Mr. Harring is a stickler for strong constitutions in the breeding stock and keeps everything in open front houses. He claims he gets more eggs in the winter by letting his birds out if they want to go than to keep them in, and he must get a large egg yield, as he had chicks out all

He was offered a long price and refused it for the first cock, as he felt he wanted the best in his own yards, a policy he has pursued ever since, and the flock at Mountain View show the good judgment used at that time. This cock was considered by many the best bird of the breed ever shown in the Garden. Single Comb Whites, on two entries, fourth cockerel, fourth pullet, 1908 and 1909. Blacks, third hen, second pullet; Whites, fifth hen, third pullet, third pen. 1910. Blacks, fourth cock, fourth hen, first pullet, on three entries. It will not be out of place for me to mention here that the first prize pen of White Orpingtons at the Garden this year were hatched from

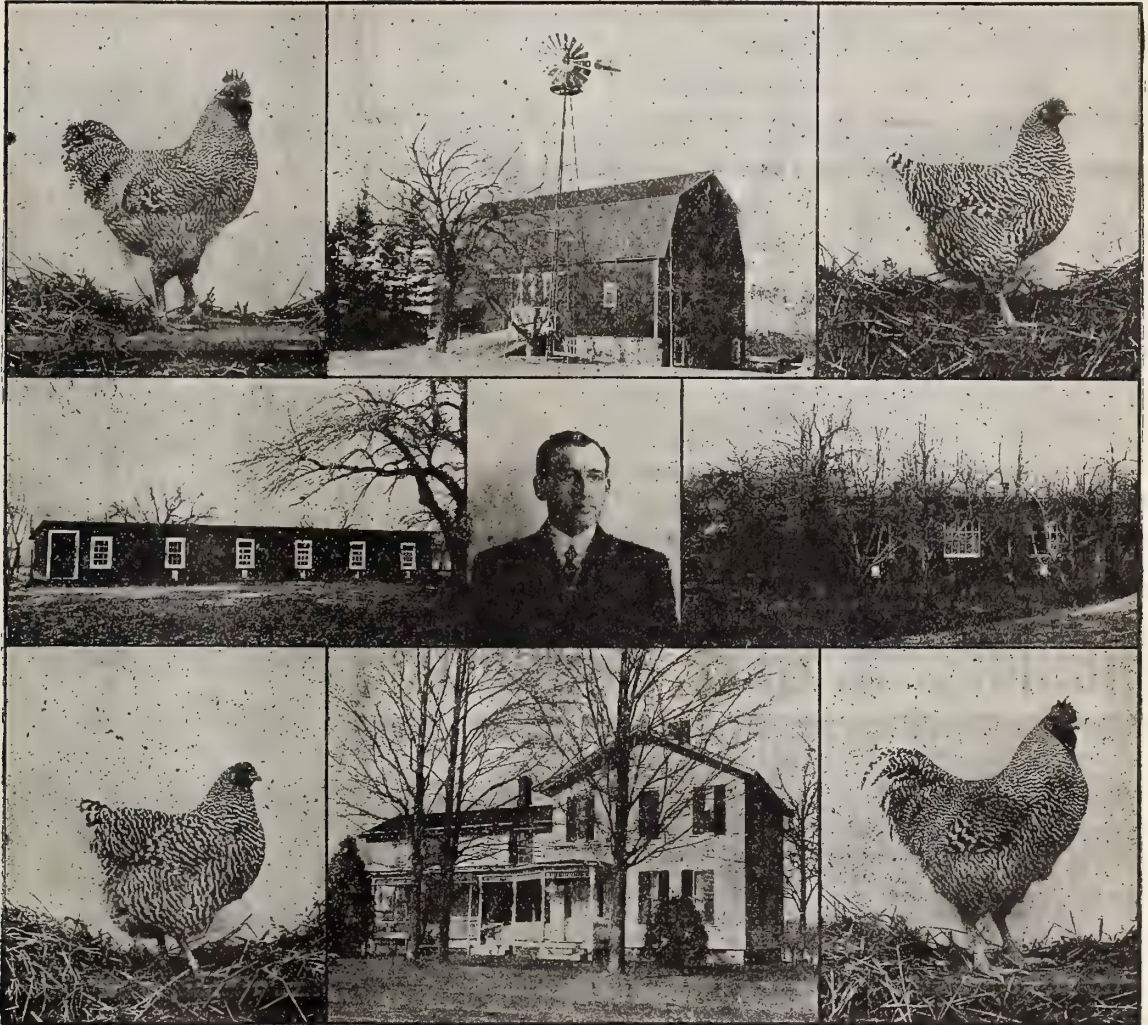
a setting of eggs sold by Mr. Harring to one of his customers, and he later sold the first White Orpington pullet at the Philadelphia show. In Buff, year after year the demand has been so great for his exhibition specimens that Mr. Harring has stepped aside, so to speak, for his customers' benefit. I can assure our

his ad and learn more about the "Orpingtons of the better sort."

Austin G. Warner, New York Mills, N. Y., the Wyandotte specialist, captured about everything competed for on Columbian Wyandottes at the late Utica, N. Y., show, winning first, second and third

personally and unhesitatingly recommend him and his stock to our readers. Look up his ad and write him for prices.

Homer Slagel, Poland, Ohio, R. F. D. No. 3, issues a circular describing his Single Comb Rhode Island Reds and his five fine pens containing many prize win-



MAPLEHURST FARM BARRED ROCKS.

First cock, fourth hen, fifth cockerel and second pullet at Buffalo, 1909. Bred and owned by Geo. M. Benham, Canandaigua, N. Y.

readers I saw and handled one of the finest pens of Buff Orpingtons at Mount View that I ever saw anywhere. Business was reported as good by Mr. Herring. In fact, he said sales were away ahead of this time last year. I have known Mr. Harring personally for years and anything he agrees to do he will carry out to the letter. Look up

cockerel, first and second pullet, first, second and third hens, and both shape and color specials on male and female. Mr. Warner is secretary of the Utica Poultry and Pet Stock Association and had so much to look after he was unable to exhibit his White Wyandottes. But we can assure our readers that his stock is of the highest quality. We know Mr. Warner

ners which he has mated for the egg trade.

J. S. Pennington, Plainfield, Ill., issues a mating list describing his 200 egg strain of Golden Laced Wyandottes and describing his seven fine pens which he has mated for the egg trade; also giving a long list of prizes won by his birds in the past.



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Miller's Book Beats Them All
Anyhow, I've put my 30 years of "know how" into it, and that ought to help any poultry-raiser to larger profits. It contains full-page cuts of Standard-bred poultry—finest you ever saw; also my guarantee and prices that will save you big money. \$7.50 for 120-egg is a hint of other things. This is my delivered price to all points east of Missouri River and north of Northern boundary of Tennessee. If you live beyond, write for price delivered to your R. R. Station. Send name and address for books and get all the facts. Address, J. W. Miller,

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WHITE WYANDOTTES, BARRED ROCKS, ORPINGTONS, LEGHORNS, BRONZE AND NARRAGANSETT TURKEYS, EMBDEN, AFRICAN AND CHINESE GEESE, MUSCOVEY, PEKIN AND ROUEN DUCKS. 600 selected fowls for sale. Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland show, January, 1910. Write your wants to

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MADE ANOTHER CLEAN SWEEP AT BALTIMORE, JAN. 3 TO 8, 1910, winning on 14 entries in a class of 87. 1st, 2d and 3d, Cocks; 1st, 4th and 5th, Hens; 1st, 3d and 5th, Cockerels; 1st and 4th, Pullets, and 1st and 2d, Pen. THE BEST LEGHORN RECORD OF THE YEAR.

THE RECORDS of our S. C. White Leghorns at Boston, Buffalo, Baltimore, Rochester and other great shows prove all our claims for the Superior Quality of our line. For sale, Choice Breeding Males and Females from our best matings and closely related to our best winners. Prices right. Satisfaction Guaranteed.

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CARTER'S BARRED ROCKS

Excelsior Strain

Carter's Excelsior Barred Rocks lead in the combination of show-room qualities and practical results. The males and females in my breeding pens this season will score 91-93½. They are mated to produce high-class exhibition birds. In selecting my breeders have chosen vigorous stock whose chicks will live and grow rapidly. For the egg trade I have four pens mated to produce Exhibition Pullets of the right color, shape and size. Also three pens mated to produce high-class Exhibition Cockerels. When desired, will divide and fill egg orders part from each mating. One sitting, \$4; two, \$7; three, \$9. A few choice cockerels for sale. Extra values at \$6 to \$15 each. Some cracker-jacks pullet bred.

T. J. Carter Box Z Jonesdale, Wisconsin

PINE RIDGE FARM, DERRY VILLAGE, N. H.

This farm is the home of Buff, Black, White and Diamond Jubilee Orpingtons, and is located on a hill on the outskirts of Derry Village, N. H., and is about as well located for a poultry farm as one could wish for. The farm proper consists of 150 acres of well drained land, with plenty of shade, making an ideal place for the production of fine poultry. It will be remembered that a few years ago Mr. Prescott bought the good will and entire stock of grand Orpingtons owned by Willow Brook Farm, Berlin, Conn. The writer at one time was manager at Willow Brook, and I was intensely interested to see this famous stock again and note if they were still being kept up to that



First Buff Orpington cock, New York, 1904. Owned by H. B. Prescott, Derry, N. H.

high standard that Willow Brook maintained, and I am glad to be able to tell our readers that Mr. Prescott has made good in every way. He has not only held the high quality he purchased but has gone on and improved over what we ever owned at Willow Brook. The buildings at Pine Ridge Farm are of the best and consist of four long breeding houses with large runs attached. About the best incubator cellar I ever saw, brooder house, feed house and shipping room. There were twenty-four pens mated all told and twenty-four pens of just as good Orpingtons as anyone could wish for. The Buff predominates at Pine Ridge, numbering sixteen pens, all full of extra quality birds. Not a poor bird among them, and they showed a lot of care in mating. It could be seen that the mating here had been done in a most thorough manner, with one object in view. Mr.



First Buff Orpington pullet at New York, 1904. Owned by H. B. Prescott, Derry, N. H.

Prescott felt very sanguine of the results to be obtained and said to the writer that he believed his matings would produce their share of the New York and Boston winners next year, as they had done for years back, and after I had handled a few of the matings I sincerely believed he will not be disappointed. Bright red eyes, low combs, deep, massive bodies, and even golden buff were strong features noted. Many also were absolutely clear buff in tail, and the under color was buff to the skin. When you

place a buff bird hackle on his wing bows, back and saddle, and are unable to tell where the hackle leaves off and the other sections begin, you have a prize article in buff, and that is the quality I saw in the male birds that head the pens at Pine Ridge. Mr. Prescott feels proud of his great aggregation of birds and well he may. A few of the winners we noted were the first pullet at Boston, 1909, the pullets in first pen at New York, 1909 and 1910, first Hartford pullet, third Boston hen, and other winners that we do not recall at this time. Among the males were the head of the fourth pen, Boston 1910, fifth cock, Boston, 1909, cock in second pen Boston, 1909, and several others of the same good quality. Another point I noted among the Pine Ridge Buff Orpingtons worthy of every breeder's attention was the color of legs; they are white, not red on the sides. The Blacks, though few in number, were as good as can be found anywhere. Only two pens mated and every bird a crackerjack. Mr. Prescott's circular tell all about them. I had my eyes opened some when we came to look over the Whites. Here, again, in this variety there are only a few. But they are good and will be heard from later. An imported pen of the rarest quality occupied one yard, and a pen headed by first pen cockerel at Boston, 1909, another, and I believe they are two as good pens as anyone owns. In Diamond Jubilees Mr. Prescott has won about everything competed for and has been considered a leader in this variety, as well as the others, for years back. It is well worth the trip to Derry, N. H., to any lover of Orpingtons, for you won't be disappointed in the quality of the birds to be seen there. We can highly recommend Mr. Prescott as a gentleman and a breeder who's word is as good as his bond. Look up his ad and write him for prices. He does business on your money back if not satisfied plan.

GREENWOOD & YEOMANS, PATERSON, N. J.

In calling the attention of our readers to the ad of Greenwood & Yeomans, the Light Brahma breeders, I wish to say at the start that I can highly recommend them and their stock. The beautiful Light Brahmas in their breeding pens are indeed worth going miles to see. Such perfection in hackle, stripping and lacing on tail is rare indeed, but seems to be a general characteristic of this flock. Bright red eyes, immense feathering and clean colored backs are much in evidence, and the flock in general is strictly of the highest quality. They have been extensive exhibitors and a summary of their recent winning will not be out of place at this time: Paterson, N. J., 1909, second and third cock, first and second hen, first and third cockerel, first and third pullet, first and fourth pen; the first pullet won the shape and color special. They also won the silver cup and \$10 gold special for the second best pullets in the show. Rutherford, N. J., 1910, second, third and fourth cock, first, second and third hen, first, second and third cockerel, first, second, third and fourth pullet, first and second pen; also the special for second best bird in the show, 700 birds in competition. Red Bank, N. J., 1910, first, second and third cock, first, second, third fourth and fifth hen, first, second, and third cockerel, first, second, third, fourth and fifth pullet, first and second pen. I handled most of the birds that made up their exhibit at Red Bank while at the show. They certainly were a grand collection of birds to be shown by one breeder and were pronounced by many to be the finest exhibit ever made at this high quality exhibition. For two years, 1909 and 1910, they have won the silver cup at Rutherford, N. J., for best display of Brahmas and the same at Red Bank. Write them and learn more about their stock.

HILL CREST POULTRY FARM.

Hill Crest Poultry Farm, Eugene Luttinger, proprietor, Totawa Borough, N. J., breeder of Single Comb White Leghorns and White Plymouth Rocks, is located on a hill on the outskirts of Paterson, N. J., overlooking and commanding a fine view of Paterson and its many industries. Here we found many grand utility birds, birds that had been bred for years for heavy egg production, and the enormous amount of eggs gathered the day we were there showed me plainly what could be done in this line alone if a person will apply himself strictly to this branch of the poultry business. Mr. Luttinger sup-

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If you will write to-day for a free sample of "Amatite" the end of your roofing troubles is in sight. After you have submitted it to every test that you can think of, you will be prepared to order it not only for your new buildings, but for your old roofs as well. You will find that it is cheaper to cover them with Amatite than to continue painting and repairing them.

We make a strong point of our "Free Sample" offer because the smallest sample of Amatite speaks for itself. It

is more convincing than yards of talk.

There are all kinds of ready roofings on the market—so-called "rubber roofings," so-called "guarantee roofings," so-called "sand surface roofings."

The "rubber" roofings are no more made of rubber than a cow is made of saw-dust. The "guarantees" that are promiscuously handed out with many brands are hedged around with so many provisos that it will take three

lawyers to dissect them and find out what they are all about. The "sand surface" has little or no protective value.

The point to remember is that all of these roofings have to be painted every year or two to keep them tight. In other words, it is the paint that protects, and not the roofing. If a man will sit down and figure out exactly what this paint costs, he will find that it is more than the roofing itself. Amatite, on the other hand, has a surface of real mineral matter and we sell the goods on the broad statement that you need never coat or paint this roofing.

You can lay Amatite on a roof and then forget all about your roofing troubles. No painting, no coating, no worry. The man who puts Amatite on his buildings is insured against leaks and trouble for many years.

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Note the secure snap fastening and large raised numbers of the aluminum

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The one really convenient marker. Bent ready for use. Sizes for any breed. **Prices:** 12 bands 20c; 30 bands 45c; 60 bands 75c; 100 bands \$1.00. Write for sample—cheerfully sent free.
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By feeding raw bone. Its egg-producing value is four times that of grain. Eggs more fertile, chicks more vigorous, broilers earlier, fowls heavier profits larger.

MANN'S LATEST MODEL Bone Cutter

Cuts all bone with adhering meat and gristle. Never clogs. **10 Days' Free Trial.** No money in advance.

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F. W. Mann Co., Box 56, Milford, Mass.



DESIGNERS ENGRAVERS ELECTROTYPERS

SPECIAL OFFER

Send us the photograph and \$1.25 with your instructions, and we will mail you one of our excellent Half-tones of the same, the size not to exceed 10 square inches. Write for estimates on Engravings for catalogues, booklets, etc. All work guaranteed.

THE LITHOTYPE COMPANY
ELGIN, ILL.



SEEDS

BUCKBEE'S SEEDS SUCCEED!

SPECIAL OFFER:

Made to build New Business. A trial will make you our permanent customer.

Prize Collection Radish, 17 varieties; Lettuce, 12 kinds; Tomatoes, 11 the finest; Turnip, 7 splendid; Onion, 8 best varieties; 10 Spring-flowering Bulbs—65 varieties in all.

GUARANTEED TO PLEASE.

Write to-day; Mention this Paper.

SEND 10 CENTS

to cover postage and packing and receive this valuable collection of Seeds postpaid, together with my big Instructive, Beautiful Seed and Plant Book, tells all about the Best varieties of Seeds, Plants, etc.

H. W. Buckbee, ROCKFORD SEED FARMS, FARM 51 ROCKFORD, ILL.



plies a fancy egg trade in Paterson and does a large business in this line, and has a fine demand for eggs for hatching from the large type and are grown from the time they leave the egg for early maturity. The quality of the stock is not overlooked at Hill Crest Poultry Farm, as might be supposed on a strictly business plant, as Mr. Luttinger believes in maintaining standard. His birds were winners in the Paterson, N. J., show this last year, which shows he believes in high quality stock for utility purposes. The stock here receives the best of care and feed, are all housed on the open front plan, with large runs set to fruit trees and in a few years Mr. Luttinger expects to derive a considerable income from this source alone. I consider his prices very reasonable for the quality of stock he handles and believe he will treat any of our readers favoring him with an order with prompt and careful attention.

BAY VIEW FARM.

This farm is owned by Edwin W. Bogert, breeder of Rose Comb Rhode Island Reds, and is located at Port Washington, Long Island, N. Y. In introducing to our readers Mr. Edwin W. Bogert, the Rose Comb Rhode Island Red breeder, of Port Washington, N. Y., I want to say although his name may be new to some of our readers, he certainly is not new in the art of mating and producing crack Reds. Better get acquainted with Mr. Bogert, you Rose Comb Red breeders. It will pay you. He has bred Reds for the past five years and has certainly got in his yard one of the highest quality flocks the writer has yet seen. In fact, the best colored cock I have come across in my travels is in his yards, and Mr. Bogert is certainly fortunate in owning such a grand specimen. At Bay View everything is done in a systematic manner and the buildings and stock showed they were receiving the best of care. Mr. Bogert has just nicely completed a new incubator cellar and brooder house, which was about one-half filled with little chicks which means he will be ready for the early fall trade. There were eight pens, all but two headed by his winners at Orange, N. J., Paterson, N. J., Mineola, and Riverhead, N. Y., and Springfield, Mass. Mr. Bogert feels very proud of the fact that the first Rose Comb Red he ever sold won third at the Jamestown Exposition, and this last year he bred and sold the first prize cock at Madison Square Garden, N. Y., which is all that need be said as to the quality in his pens. I also saw and handled the mother and several sisters of the first New York cock, and they are indeed grand specimens of the breed; low combs, red eyes, long backs, with nice black tails are characteristics of this flock, with quality to burn in wing color. There are runs on each side of the long breeding house at Bay View Farm, insuring fresh ground for the feeders to run on, and ample green food. The chicks have a sixty-acre farm to roam over which accounts for the extra large size of the old stock. Now a word as to the man and his business methods. Copy upon copy of letters from his satisfied customers were shown me, several stating that the fertility of the eggs sent them was running from 90 to 100 per cent. Mr. Bogert wished me to tell the readers of American Poultry Journal that he had no utility eggs for sale, as he had contracted for every egg over two months ago, and had nothing left now but eggs from his grand prize matings, from which he guaranteed every one sent out to be just as represented. His mating sheet tells all about them. Send for one. It is worth reading carefully.

R. C. R. I. RED SPECIALIST.

On the outskirts of Watertown, N. Y., is located the fifty-acre farm of Dr. M. Lee Smith, where some of the best Single Comb Reds of the country are bred. I had an opportunity of going over the breeding pens the doctor has mated for the breeding season and believe the chicks from these pens will contain many high quality birds. At the heads of his pens are the third and fourth cockerels at Utica, N. Y., 1908. The father of the above birds heads another, the third Madison Square Garden bird of 1910 another. The first Orange, N. J., cockerel, 1909, heads a pen of the very highest quality. The brother of the third and fourth cockerel at Utica, 1908, and several other grand good males all head pens of exceptional merit. The doctor breeds all of his winners and takes a whole lot

of pleasure in being a breeder, and we fully recommend him to our readers. Look up his ad.

Look up the ad of Philip Hanlon, Jr., Watertown, N. Y., Single Comb Buff Leghorn and Black Orpington breeder. Mr. Hanlon's Buff Leghorns are known to all our readers as the best of quality and he is in shape to handle his large egg trade better than ever before. In Orpingtons his pens contain such noted winners as the first hen at the Jamestown Exposition and other noted winners.



10 DAYS FREE TRIAL

We ship on approval without a cent deposit, freight prepaid. **DON'T PAY A CENT** if you are not satisfied after using the bicycle 10 days.

DO NOT BUY a bicycle or a pair of tires from anyone at any price until you receive our latest art catalogs illustrating every kind of bicycle, and have learned our unheard of prices and marvelous new offers.

ONE CENT is all it will cost you to write a postal and everything will be sent you free postpaid by return mail. You will get much valuable information. Do not wait, write it now.

TIRES, Coaster-Brake rear wheels, lamps, sundries at half usual prices.
MEAD CYCLE CO., Dept. W123 CHICAGO

Greider's Poultry Book
Better, Bigger than ever



Everyone interested in poultry—the man with a big poultry farm as well as the man with a few hens—should have Greider's Poultry Book. It contains 200 pages of just the kind of information you need, 30 handsome colored plates showing pure-bred stock. The book is full of practical help, gained through actual experience on the largest poultry farm in Pennsylvania. Write for it today. Price, 10 cents.

B. H. GREIDER, Box 101, Rheems, Pa.

SILVER LACED WYANDOTTES
TRUE WYANDOTTE SHAPE
STANDARD SIZE & WEIGHT
FINE LACING IN ALL SECTIONS
[ESPECIALLY STRONG IN LACED WING BAR]
HENRY STEINMESCH
Eggs, \$3.00 for 15. St. Louis, Mo.

How I Sell SQUABS for \$6 a Doz



*** Mated pair kissing. Eggs to squabs in four weeks ***

Send two-cent stamp for new book, read "How I Sell Squabs for \$6 a Dozen," by customer whom we started with three pairs in 1908. He writes: "I sold \$24 worth yesterday and turned away \$12.50 orders since noon today." He uses a simple advertising device, fully explained. Get the big profits. Ask for special offers on Plymouth Rock birds and supplies, express and freight prepaid. Our cloth-bound book now 332 pages, 136 illustrations, valuable new matter. We take subscriptions for the new splendid **NATIONAL SQUAB MAGAZINE** (issued monthly) Specimen copy mailed for ten cents.

PLYMOUTH ROCK SQUAB CO.
188 Howard Street Melrose, Mass.

**FROGDALE POULTRY FARM, GEO.
C. THAYER, PROP., FRENCH
LICK, IND.**

It was on a beautiful sunny morning on Sunday, February 13, 1910, when we left French Lick hotel to drive three miles to Frogdale Poultry Farm. Could the reader but transport himself to see the beauties of the natural scenery as we saw it he would have exclaimed, "Oh, how beautiful!" The ground was carpeted with some two inches of snow and the air was cool and bracing. The road was over hill and through dale, by the side of brooks and through the woods, until finally we arrived at Frogdale, which is beautifully located on a hillside, with abundant trees for shade. At the bottom of the hill flows a brook, furnishing abundance of fresh water, which Mr. Thayer intends to use in growing frogs. He intends building a number of ponds to be used for breeding, hatching, rearing and wintering them.

We were very much interested in the production of this toothsome delicacy and had an interesting conversation with Mr. Thayer, who is well posted and gave us many of the details on how it was done. He has already placed his order for a large number of fine specimens to be used as breeders and expects to raise at least 5,000 frogs this coming year.

The breeders are placed in a large pond and the pond has to be watched every day and the spawn gathered and removed to the hatching pond. This is a very delicate proposition, for if the egg sack is broken the eggs will settle to the bottom of the pond and will not hatch. The length of time required to hatch these frog eggs is from five to seven weeks, when the little frogs make their appearance in the shape of pollywogs. It requires some time before they develop their legs, and in five months time they shed their tails and really become frogs. It requires three years for them to develop into a frog large enough for the market, at which time they will measure from sixteen to eighteen inches from tip to tip. These frogs are wintered in specially prepared wintering ponds, which are to be 20x40 feet and 3 feet deep, in the bottom of which there is six to eight

inches of mud, where the frogs will bury themselves and hibernate during the winter.

As we said before, the poultry plant is located on the hillside, and Mr. Thayer is putting a large amount of money into equipping his place into an up-to-



Geo. C. Thayer, proprietor Frogdale Poultry Farm, French Lick, Ind.

date poultry plant, having a large incubator cellar of 3,500-egg capacity, and on the day of our visit had just removed fifty-five chickens which had hatched from eighty-five eggs. A gasoline engine is used for the purpose of pumping water

throughout the place, also for grinding bone and all feed used.

Mr. Thayer is breeding with the utility end of the poultry business in view, and while he has many good birds on his place, particular attention is paid to their utility qualities.

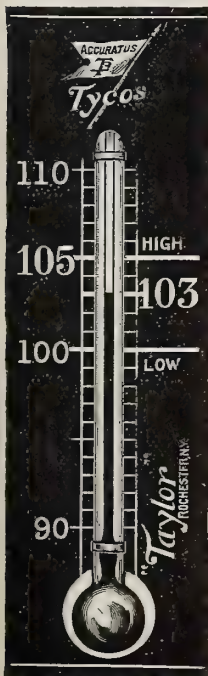
The plant is equipped with numerous houses, as Mr. Thayer believes in the colony house plan, and among the varieties to be found here are White Wyandottes, White and Barred Rocks, Single and Rose Comb R. I. Reds, Single Comb White Leghorns, Indian Runner and Pekin ducks, and mammoth Bronze turkeys.

Mr. Thayer has one of the largest flocks of Indian Runner ducks it has been our pleasure to see—about 200 head in all—and he intends to make a specialty of furnishing baby chicks and ducklings to the trade. Thousands of these little balls of down will be incubated here and shipped throughout the country this coming spring. Baby chicks in all of the above varieties are to be had from Mr. Thayer at a reasonable price, as well as Indian Runner and Pekin ducklings.

Mr. Thayer calls his strain of birds the "Pluto" strain, and is a good and unique advertiser, illustrating the above name of his strain with a small cut of "Old Nick" himself, which is always run in red ink. He issues a very complete little booklet giving descriptions of his various breeds, which is free for the asking and can be had by addressing Frogdale Poultry Farm, French Lick, Ind.

On our return trip from Frogdale we also had many pleasant as well as several rather exciting experiences. We thought on a number of occasions we were going to be dumped out of the buggy; however, we were saved from this undesirable experience, and after traversing a very rough and rocky road for some mile or two we stopped to inspect the famous Outlaw Cave, which is now the property of John Royer.

It was here that a band of outlaws in early days secreted themselves after having committed some depredation, until things had quieted down concerning the affair. We understand that the principle offense was robbery. However, a number of murders were committed and credited to them. The last offense, which finally resulted in the capture and breaking up



"Thank You"



A Lying Thermometer Will Kill Chicks.

To hatch a chick is no blacksmith's job.

Everything must be carefully and accurately adjusted. The eggs may be fresh and fertile, and from strong, healthy stock, but if the thermometer is not accurate then **all is lost**—eggs, money and time. The thermometer is the test—accuracy is absolutely necessary.

"Tycos"

THERMOMETERS

Are Absolutely Accurate

We make all kinds and sizes of thermometers. We make them for physicians—the most exacting of all professions—and the "Tycos" Thermometers are their accepted standard. With physicians the thermometer *must* be accurate—no guess-work when a human life is at stake. The same skill and the same care that we use in making thermometers for doctors, we use in making thermometers for incubators and brooders.

"Tycos." Thermometers are made right—are carefully and thoroughly tested, and must come up to our standard of quality and accuracy before leaving the factory.

When you buy an incubator tell the manufacturer you want a "Tycos" Thermometer with your machine. Insist upon having the "Tycos." There is no substitute. When you buy a new Thermometer for that old incubator buy a "Tycos."—Let us send you our FREE Booklet, "Thermometer Facts Worth Knowing." The information it contains will enable you to guard against temperature difficulties. You'll say "Thank You," and so will your chicks.



Taylor Instrument Companies, Rochester, N. Y.

"BETTER THAN EVER" STRAIN OF WHITE PLYMOUTH ROCKS

Won at the large shows of Cincinnati and Hamilton more prizes than all other exhibitors combined. Judge Pierce pronounced them wonders in White Rocks. Large, healthy farm-raised stock. For sale, 100 pullets and 50 cockerels. Eggs from prize winners, \$3 and \$4 per 15. Send for circular.

H. L. Brown, R. F. D. No. 4, Oxford, Ohio

WHITNEY'S WHITE ROCKS

WON

At Ontario, the Madison Square of Canada, 1st Hen, 2nd Cock, 3rd Pullet.

At International, Buffalo, 1st Pen, 2nd Cock, 2nd Pullet, 4th Hen.

Only limited number of eggs from best birds at \$4.00 per 15. Let me book your order now, and raise some winners.

C. J. Whitney

Galt, Ontario

HARRIES' WORLD'S CHAMPION WHITE ORPINGTONS

STILL IN THE LEAD

At the great Philadelphia show, under one of our best judges, on two birds only, never before shown, 1st PULLET, 2nd COCKEREL, Silver Cup for best WHITE, Silver Cup for BEST ORPINGTON IN SHOW and two other Specials. This, with my great win of FIRST AND SPECIAL PEN AT MADISON SQUARE is sufficient to show that I have today

The Best White Orpingtons in America

My PULLET AT PHILADELPHIA was said to be by many competent judges THE BEST WHITE ORPINGTON IN THE COUNTRY. No stock for sale. Eggs \$10.00 per setting. Send for circular.

Fred Harries :: "Fernlea" :: Elmsford, New York

BARRED ROCK EGGS

Have mated up ten grand pens for the season's trade, eight pens for cockerels and two for pullets. The birds in these pens are the **Very Cream of the Country**. Most of them are tried and true breeders that have produced my prize winners. If you want eggs

That Will Hatch

Prize winners I can supply you, and at prices that you can afford to pay for good stock. I guarantee satisfaction in every particular. Send for my new up-to-date catalogue.

Wm. H. Hoover, Barred Rock Specialist, R. 2, Box 4, Polo, Ill.

of the band, was the murder of a farmer who lived near by, and after having robbed and beaten him they took him to this cave and murdered him.

The cave is a very wonderful sight and we would think has been the course of an underground stream; in fact, there are still two springs, which have flowing water the year round, that come from seemingly nowhere and again disappear equally as mysteriously. We traversed one of the recesses of this cave for about 500 feet and were told it extends into the hill for about one-half mile or more. In some places it is quite narrow and in other places it becomes wider.

Along this passage, in the solid stone, is a very good representation of a human face, the forehead, nose, eyes, mouth, chin, in fact all the features, including the hair and ears, were quite plainly discernable. The cave has quite a reputation locally and is one of the places of interest which all visitors to French Lick should go to see.

Naturally, after so many pleasant experiences and the memories which we carry away with us, we are anxious to again visit French Lick and Frogdale.

EDGEMONT POULTRY FARM, HILLSBORO, ILL.

In speaking of Edgemont Poultry Farm, consisting of 145 acres, where high scoring and prize winning Black Minorcas and Brown Leghorns are raised each year in very large numbers, we wish to call the attention of our readers to the fact that this is one of the shining examples of what can be accomplished by a young man fresh from the city, who made up his mind to raise poultry, who stuck to his text and has succeeded far beyond his own expectations.

Edgemont farm is located at the western edge of Hillsboro, Ill., on the Big Four and Chicago & Eastern Illinois railroads. The Illinois Traction system extends along the south side of this farm and brings many visitors to the farm from St. Louis throughout each year, that city being only fifty miles distant from Hillsboro, Ill.

Mr. Chase turned his attention to the egg laying varieties and became a Minorca and Leghorn enthusiast. He talks Minorcas, swears by Leghorns, and he does a tremendous business in furnishing fancy eggs for setting as well as selling hundreds of day-old chicks.

Mr. Chase follows no new-fangled system, but insists that the system that pays best is systematic cleanliness, feeding and pure water. No one can expect to make the success out of the poultry business which Mr. Chase has made unless he or she be willing to use both their muscles and their brains.

Mr. Chase takes all of the leading poultry papers and by reading them he keeps in close touch with his business. Experience has taught him that there is only one way to sell high grade poultry and that is by using plenty of printer's ink. He has used a great deal of space in this paper and thinks it the greatest advertising medium for poultry he can find.

Every few months he culls his flock, for experience has taught him that the sooner he eliminates a poor chicken from his flocks the better. By this systematic and thorough "weeding out" process he has brought his Minorcas and Leghorns to a high state of perfection.

The result of Mr. Chase's efforts are to be seen at every show where his "string" of birds is shown. He never enters such large numbers as some other breeders, but when the prizes are awarded Mr. Chase's name is always one of the top liners. He entered only a comparatively few shows during the past season and in every one he had the strongest kind of competition, and yet he won over 200 premiums. He has demonstrated the fact that the poultry business can pay big dividends.

Mr. Chase is now a member of many of the prominent poultry associations and is one of the executive board of the Illinois Poultry Association. He devotes his entire attention to the poultry business and has no time to spare, and he insists that the three essentials in successful poultry raising are: Hard work, choice stock and good advertising.

Maple Lawn poultry yards and Barred Rock specialists, Wm. H. Hoover, owner, Polo, Ill., issue a circular giving complete description of the Hoover Strain Barred Plymouth Rocks and the many prizes won by them. Also describes their many fine matings for the season of 1910.

J. G. BUDDE & CO., OAK PARK, ILL.

Messrs. Budde & Co., who have recently purchased the entire flock of Red Raven Strain Single Comb Reds formerly owned by C. W. Zimmer, the Rhode Island Red specialist and judge, who has spent some thirteen years in perfecting this strain and has certainly succeeded in producing Reds that breed exceptionally true to color and type. It is the intention of these gentlemen to engage extensively in the production of Reds and they are issuing a very handsome and artistic circular in two colors describing their four grand pens, which Mr. Zimmer has mated along the lines on which he has been breeding in the past, and the quality that will be produced from these matings is not to be questioned. Breeders desiring show specimens or to introduce new blood of superior quality into their flocks will do well to secure a setting of eggs from this firm.

Their catalogue is now ready and free for the asking and you will do well to send for it. Their ad appears elsewhere in this issue.

**MALTBIE & SHELLEY, GENEVA,
OHIO, BREEDERS OF R. C.
R. I. REDS.**

At the time of our visit to this poultry plant they had just received the flock of Reds purchased from the estate of the late Robert C. Tuttle. The sale consisted of 117 birds and is the most important sale ever made in the history of R. I. Reds. In this sale were included all of Mr. Tuttle's prize winning birds at this winter's shows, including Chicago, New York and Boston. We were not able to learn the exact price paid for these birds, but we know it took a very large amount of money to secure them, as birds of this quality in R. I. Reds are now commanding top-notch prices. These birds consisted of the cream of Mr. Tuttle's flock, which he had saved for his own use and were already mated by him.

Messrs. Maltbie & Shelley will only retain about fifty of these birds, which will be mated just as Mr. Tuttle had them. This is your opportunity to secure some of the Tuttle strains and you should take

advantage of it. Messrs. Maltbie & Shelley, it will be remembered, were winners at the Youngstown show, where the big meeting of the Rhode Island Red Club took place. Before the purchase of Mr. Tuttle's stock they already had a large stock of high-class specimens of their own breeding, and with the addition of Mr. Tuttle's birds they certainly own one of the largest and best flocks of Rose Comb Reds in the country today.

We handled many of their birds and

ing illustrations of their birds, of the prizes won, descriptions of their matings and details, which they will send you free for the asking. Their ad appears regularly in the columns of the American Poultry Journal.

A visit to Sheffield Farm, Glendale, Hamilton county, Ohio, by C. W. Zimmer, Representing the American Poultry Journal.

The Sheffield Farm is owned by Wm.



A flock of Single Comb White Leghorns on Frogdale Poultry Farm, French Lick, Ind.

were much pleased with the grand color and type to be found in many of their choice specimens. They have twelve grand yards mated for the egg trade and their pens, headed by the winners at Chicago, New York and Boston, were exceptionally fine.

They issue a neat little catalogue giv-

K. Schoeff, is beautifully located, directly on the interurban, some nine miles out from Cincinnati, on somewhat rolling ground. Mr. Schoeff intends to make this a large poultry and stock farm, having engaged the services of Adolph Kampe, a landscape gardener, to lay out the farm, and a large and handsome residence will

IF EVERY POULTRY RAISER USED MEDICATED CHARCOAL, 150,000,000 MORE CHICKS WOULD BE RAISED TO MATURITY EVERY YEAR.

THIS letter from the President of the National Poultry Association will interest every poultry raiser in the country. Money could not buy a letter like this; it comes to us entirely unsolicited.

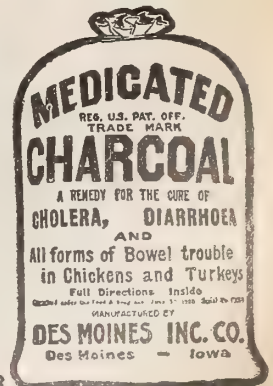
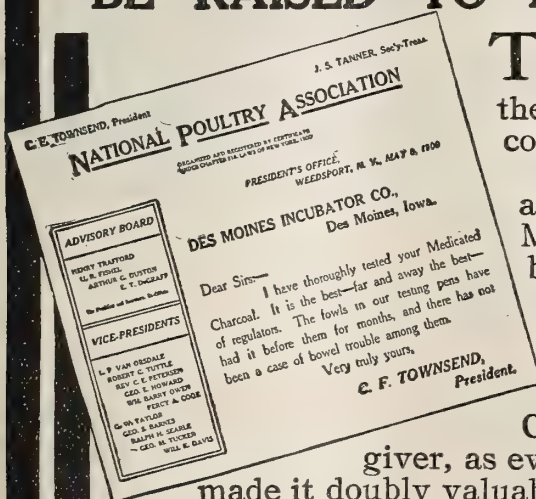
We have the greatest remedy for common chick ailments that ever went into the poultry-yard. Our Medicated Charcoal not only prevents but cures all bowel troubles. It positively

Saves Your Chicks From White Diarrhoea and Cholera

Charcoal alone is a wonderful health giver, as every poultryman knows. We have made it doubly valuable by giving it just the right medical properties. It purges, cleanses, purifies the blood, kills germs. It gives health, vigor and life to both fowls and chicks, renders them immune to disease. Carefully prepared under a scientific formula and guaranteed under the Pure Food Law. Its cost is nothing compared to the good it does in saving Chicks' lives. Don't fail to try it. In bags of convenient size; 10-lb. bag, \$1.00; 25-lb. bag, \$2.25; 50 lbs. \$4.25. Write today for Free Book.

NOTE:—Send 10c for booklet on Proper Feeding and Care of Chicks, Ducks and Turkeys. It will enable you to raise almost every chick hatched. Best Poultry Paper, 1 year 25c.

DES MOINES INCUBATOR CO., 269-4th St., Des Moines, Iowa SEND US THE NAME OF YOUR POULTRY SUPPLY DEALER



BREEDERS; \$10 TRIOS, \$6

S. C. Buff Leghorns and R. I. Reds. To make room for Spring matings, I will sell about 50 trios of S. C. Buff and Reds at \$6.00 per trio, which are actually worth \$10.00. Cockerels, \$2.00 to \$3.00 each. Show birds a matter of correspondence. Eggs, \$1.50 per 15; \$2.50 per 30, from eight select pens. 325 ribbons and specials in five years.

Woodlawn Poultry Farm : Kirkwood, Missouri

WILSON'S S. C. BLACK MINORCAS

St. Louis and Indianapolis silver cup and Madison Square Garden winners. At the great St. Louis show in competition with 108 S. C. Black, all S. C. Blacks and all White Minorcas, I won silver cup for best male and female in show. A few cockerels, pairs and trios, for sale. Eggs from two grand pens scoring 94¼ to 96¼, \$3 per 13. Order now.

E. E. Wilson State Champion Black Minorca Club 921 Ashland Avenue, Indianapolis, Indiana

CHICAGO FIRST PRIZE BARRED ROCKS

Simpson's B. P. Rocks have again shown their quality by winning at the great Chicago show 1st and 2d cock, 1st and 3d hen, 5th cockerel, 3d pen and special for 4 best cocks, and 4 best hens and 4 best pullets and \$25 cup for 2 best cocks, 2 best hens, 2 best cockerels, 2 best pullets, and pen. They always win wherever shown, both in United States and Canada. If you want quality, write me. I have some grand birds for sale. Am booking orders for eggs from pens containing my prize-winners at \$5 per 13, \$10 per 30, \$16 per 100. Write for circular and mention the American Poultry Journal.

Edgar G. Simpson Box A Naperville, Illinois

IMPERIAL POULTRY FARMS'

S. C. BUFF, BLACK, AND WHITE ORPINGTONS. Winners at St. Louis, Illinois State Show, Bloomington, Peoria and Atlanta. Won on Blacks, St. Louis, on 2 entries, 2d and 4th hens; Illinois State Show, 1st, 2d, 3d, 4th hens, 2d cockerel; Bloomington, 1 cockerel, 1 pullet, 1st, 2d, 3d hens. My first hen scoring 96¼. Won on Buffs at Illinois State Show 1st and 2d cockerel, 3d pullet, 2d pen, Bloomington, in a class of over 60 Buffs, won 1st and 2d hens, 1st, 3d, and 5th cockerel, 1st and 2d pullet, 1st and 3d pen, showing a different string of birds here from what was shown at state show. Write for mating list; it's free. Eleven grand pens mated for the egg trade, containing all of my winners. Fertility guaranteed.

IMPERIAL POULTRY FARMS, Chas. C. Miller, Prop., ATLANTA, ILL.

Bennett's Red Pyle Games

THE KIND WITH YELLOW LEGS. I won 1st cock, 2d hen, Madison Square Garden; 1st cockerel, 1st pullet, Buffalo, N. Y.; 1st cockerel, 1st pullet, 1st hen at Pittsburg, Pa., and every place shown. I have six grand pens. Heavy layers, good setters and best of all for table stock all out. Eggs, \$5 per 15, as long as I can fill the orders. Get some real fancy chickens.

Henry Bennett :- Brown, W. Va.

FIRST HEN, CHICAGO, DECEMBER, 1909 : FIRST PULLET, CHICAGO, DECEMBER, 1909

WHITE WYANDOTTES

"Crown Prince Strain." At Indianapolis, February, 1910, I won first and second pen and four other prizes. Also silver cup for best display. All stock sold. Some grand pens mated for the egg trade. Send for my mating list. It will interest you.

Geo. F. Schmidt - Box Z, Martinsville, Indiana

COLUMBIAN WYANDOTTES

True in type and color. On exhibits at three large shows this season, my birds have won ten first prizes, including first hen at Madison Square Garden, in the hottest kind of competition. I shall breed ten matings of high class birds this year, from which I offer eggs for hatching same as I use for myself. Mating list cheerfully mailed for the asking.

Dr. C. J. Andruss, Canandaigua, New York

**Hartman Stock Farm Poul. Yards
COLUMBUS, OHIO**

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale.

Day old chicks from our best stock for sale from March 15 to June 1.

Buff Rocks

At the big Missouri State Show held in St. Louis, December 11 to 16, won cash special for best display, State Club cup given for best cock, cockerel, hen and pullet, 2d and 5th cock, 3d, 4th and 5th hens, 2d pullet, 4th pen. Winners in our largest shows for the past fifteen years. Show birds and breeders for sale. Send for booklet.

E. L. Delventhal Buff Rock Specialist Box A, Warrenton, Mo.

be built, in which Mr. Schoeff will reside. A private park of some sixty acres will be laid out by Mr. Kampe and made as beautiful as it is possible for a landscape gardener to make it.

Mr. H. B. Hark, who is well and favorably known as a Partridge Wyandotte specialist, has been engaged to take charge of the poultry plant. Mr. Hark, it will be remembered, was for many years manager of the poultry department of the Hartman stock farm and he has succeeded in producing many high class specimens in Partridge Wyandottes. On the 10th of February he purchased the entire stock of W. P. & M. H. Coffin, Whitnerville, Mass., including all of his late Boston, Worcester, Providence and New York winners. Among the flock is the famous cock bird "The Dude," who has never been beaten; also "Mrs. Dooley," one of the first prize bred hens at Chicago, Mr. Coffin having refused \$200 for this hen from three different breeders since the Chicago show. This is the most important sale that has taken place in the poultry world in recent years in this variety, as this flock of birds is without doubt the best flock of Partridge Wyandottes in the country.

We had the pleasure of examining these



RED PYLE GAME COCK.

Winner of first prize at Madison Square Garden, New York. Bred and owned by Harry Bennett, Brown, W. Va.

birds at the time of our visit and they certainly are marvels of beauty and perfection, and in the hands of Mr. Hark, who has been a Partridge Wyandotte specialist for the last ten years, we look for some sensational birds to be produced. It is their intention to set every egg this year and to raise a large flock of other stock. They intend to come out with a fine string of birds for the fall and winter shows, at which time they will commence to advertise and offer stock for sale.

It is also Mr. Schoeff's intention to breed fine imported Jersey cattle and Berkshire hogs. We understand he has recently purchased an adjoining farm, which, added to the original one, will give them a very large tract of land, and the improvements which were under construction and under contemplation at the time of our visit will certainly make this farm a model one.

The poultry houses, which are arranged in the colony plan, are well and substantially built of the best material—and nothing but the best is permitted here—and we predict that the poultry department will lead all others on this farm. The best wishes of the American Poultry Journal go with Mr. Hark and the Sheffield Farm.

WHITE OAK POULTRY FARM, LIMA, OHIO.

This farm, formerly owned by Frank J. Banta, has been sold to R. H. Gamble. White Oak Poultry Farm, breeders of Black and White Orpingtons and Single Comb White Leghorns, has been owned for several years by Frank J. Banta, who has been carefully breeding up a quality of this stock, but finding his increasing poultry business was interfering with his other business, Mr. Banta, although somewhat reluctantly, decided to dispose of his poultry plant. Mr. Gamble has been breeding poultry for a number of years and is a very close student and well prepared to take charge of this plant and continue the good work started by Mr. Banta.

The plant consists of fourteen acres, having seventy-five colony houses and a long brooder house, 18x100 feet, heated by the Candee hot water system, and an incubator cellar located in one end of the brooder house which has a capacity of 4,000 chicks per month. There are ten large pens of White Orpingtons, six pens of Black Orpingtons, six pens of Single Comb White Leghorns, all carefully mated and yarded in yards 75x125 feet.

Mr. Gamble intends to make a specialty of producing day-old chicks from all of the above varieties, and is offering chicks from high class stock, which are carefully mated and yarded, and if you desire chicks or eggs from any of the above varieties you will do well to correspond with Mr. Gamble for his mating list, which is free for the asking. His ad will be found in the columns of the American Poultry Journal.

W. S. KNOX, YOUNGSTOWN, OHIO.

Mr. Knox, while a breeder of thirty-two varieties of poultry, is certainly breeding birds of high quality and makes a specialty of Black Langshans. At the recent Youngstown show, in this variety he won first and second cock, first and second hen, first and second pullet and first pen. Silver cup for best display in Asiatics and silver cup for best display of all breeds A. P. A. silver medal for best cockerel.

In Buff Cochins he won first and second cockerel, first, second and third pullets, A. P. A. silver medal for the best cockerel.

In Partridge Cochins he won first cock and first, second and third hen.

In Light Brahmas he won first cockerel, second pullet, A. P. A. silver medal for best cockerel and Light Brahma Club Championship ribbon for best colored male and best shaped male.

In Dark Brahmas he won first cockerel, first, second and third hen, and A. P. A. medal for best cockerel.

In American Dominiques, first, second and third cock, first, second and third hen, first and second pullet, and at the late Cleveland, Ohio, show he won in Black Langshans fifth cock, fourth cockerel, first hen, first pullet and first pen.

Mr. Knox also has won many other prizes at many other shows this winter. We consider the above sufficient to convince the reader that he has high class quality in his breeding yards, and he is offering you eggs from these prize winners. Look up his ad elsewhere in the American Poultry Journal.

B. M. BILLINGS, OBERLIN, OHIO.

Mr. Billings, who makes a specialty of Rose and Single Comb Reds, having bred these varieties for the past five years, and exhibited them in many of our largest shows, has the enviable reputation of having won 150 prizes during this time.

At the recent Cleveland, Ohio, show, in a hot class of Reds, he succeeded in having four birds inside the money on five entries.

He reports a plenty of breeding stock yet on hand, which he will dispose of at reasonable prices. He issues an illustrated circular giving his winnings in full and testimonials from pleased customers. If you are interested in Rose or Single Comb Reds you should write Mr. Billings, whose ad appears elsewhere in this issue.

Miss Alice M. Hedges, 506 W. Fifth street, Pana, Ill., who has been breeding and exhibiting White Rocks for many years, issues a mating list giving full descriptions of her matings for this season, which she confidently expects will produce some of the prize winners at some of the coming shows. Her prices are reasonable and within the reach of all.



BABY CHICKS! The greatest risks, the most work, the least pleasure, and the most skill required in profitable poultry raising is in hatching the eggs. That's the rock on which many poultrymen wreck their successes. Eliminate this trouble and loss of time, money, and eggs, by buying day-old chicks—Cooley Chicks. I can supply you with strong, sturdy, healthy, growing chicks. **WHITE LEGHORN and BARRED ROCK CHICKS** ready to start you on the road to real, sure profits. The best baby chicks—Cooley Chicks—you can find. Exhibited at Madison Square Garden Poultry Show, 1908-09 and 1909-10. Prompt shipments, safe arrival assured. Lowest prices. Best stock. Write me today about your wants and let me quote you prices. Eggs for hatching. Booklet free. Write today. **ELDEN E. COOLEY.** Box A **FRENCHTOWN, N. J.**



The Show at Port Huron, Mich.

A winner at one of the largest and certainly the hottest class of **White Wyandottes** ever seen in the state and as usual my birds get their share of the money; my winning cock and cockerel, a sensation. Eggs, \$3 per 15; \$5 per 30; from my best pens.

J. B. Greenan

Deckerville, Michigan

Barred Rocks

I breed Rocks that have that bright snappy color and even barring that is so hard to get; I also have large size and correct type. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

Geo. W. Bachman

North Baltimore, Ohio

Urban Farms' Black Langshans and White Rocks

Our breeding pens for 1910 will contain some of the greatest prize winners of the past show season, including: **BLACK LANGSHANS** 1st Prize Cock, New York, 1909-1910; 1st Prize Cock, Chicago, December, 1909; 1st Prize Cock, Buffalo, January, 1910. **WHITE ROCKS**, **BUFFALO CHAMPION**, 1st Prize Cock and Gold Medal winner for best bird in show, Buffalo, 1910. **GENESEE CHIEF**, 1st Prize Cockerel, and special award for best Plymouth Rock at Rochester Show, 1910. Will spare a limited number of eggs from pens containing above winners mated to prize winning females at this season's New York, Chicago, and Buffalo shows. At the **Big International Buffalo Show, 1910**, with 102 birds exhibited by us, 69 were under the ribbons. Our special awards included **The Grand Prize** for the largest number of first prizes won in competition with two other exhibitors. We also breed high-class prize winning strains of **Anconas**, **Lakenfelders**, **Phoenix Fowls** and **Black Tailed Japanese Bantams**. Handsome mating and price list furnished on application.

URBAN FARMS

: PINE RIDGE

: STATION E 22

, BUFFALO, NEW YORK



S. C. Reds

Two fine pens containing my winners mated for the egg trade. Pen 1 headed by fine Red Raven cockerel from Zimmer mated to select pullets, \$5.00 per 13. Pen 2 headed by cockerel in cut mated to choice pullets, \$3.00 per 15, \$5.00 per 30. Pen 3, \$3.50 per 50, \$6.00 per 100. Fair hatch guaranteed. Circular free.

H. T. Marshall, R. R. No. 53, Sheridan, Illinois



Brown's Exhibition Barred Rocks

Winners at the leading shows in Illinois, 1st and 2d cock; 1st and 4th hen, Downer's Grove, Ill., Jan. 13-15, 1910. 1st and 2d cock, 1st hen, Mendota, Ill., Jan. 25-29, 1910. 1st cock, 2d, 3d, 4th hen, 1st cockerel, 2d, 3d pullet, 1st pen, Dixon, Ill., Dec. 28-31, 1909. Am now booking orders for eggs from the finest matings ever put together at \$3.00 and \$5.00 per 15. Write for mating list and list of winnings.

EDWARD BROWN
R. R. 37 :: :: Mendota, Illinois

THE WORLD'S BEST WYANDOTTES



Are found at Brook Side Farm in Golden Laced, Silver Laced, Whites and Blacks. Winners of over 300 premiums at Madison Square Garden, New York, alone. They have won thousands of premiums at Chicago, St. Louis, Buffalo, Boston, Philadelphia and all the large shows. We have 2,000 head of the finest birds we ever offered, both old and young, of the finest exhibition birds or high class breeding birds. They have the size, shape, color, combs, up to date lacing, large clear open centers, that will improve your flocks, or win for you in the warmest company. We have line bred these birds for nearly thirty years. The richest breeding that can be produced. Write us today for real bargains, also Golden Sebrights and Collie dogs. Imported stock. Large circular showing more than fifty of our great winners. Eggs from my finest matings, \$3 and \$5 per setting.

Ira C. Keller

: Brook Side Farm

: Box 75, Prospect, Ohio

Buff, Black and White Orpingtons and S. C. Rhode Island Reds

The verdict has been rendered—that our matings were correct. 92 prize winners in five 1909-10 shows. More National and State show winners in our pens than on any other farm in Michigan. This takes quality, size, type, color. Let us tell you more in our mating list. Send for it.

Valley Poultry Farm : Galesburg, Michigan

S. C. Buff and Black Orpingtons

Winners 1909-1910 at Boston, Providence, Worcester, Branford, Meriden, Middletown and Bridgeport; the leading shows of New England. I will sell eggs this season from pens composed of all prize-winners at \$5 and \$10 per 15, and guarantee you get what you order. Let me make you one of my satisfied customers. A few extra male birds at \$5 each. Some winners, reasonable.

Tyler Cruttenden - Norwich, Connecticut



BANTAMS

Buff, White & Black Cochins

By paying long prices for my foundation stock, I have succeeded in building up one of the best flocks of Cochin Bantams in the United States. My 8-page catalogue and mating list will tell you all about them—sent free on receipt of 2c stamp.

George M. Hill, Station I, Jackson, Michigan

Single Comb White Leghorns and White Wyandottes---2000 Breeders

Eggs For Hatching Now Ready

from the finest stock I ever owned at \$5 per 100; \$50 per 1,000. No order too large. Baby chicks (Leghorns) \$10 per 100; (White Wyandottes) \$15 per 100. 20,000 hatched for spring delivery. Get your orders in early. Fourth edition of my book,

"Profits in Poultry Keeping Solved"

just off the press, 25,000 copies, now reduced from \$5 to \$1 per copy, containing all my latest secrets. My great feed at 11 cents per bushel will make any plant pay. Do you expect to raise 95 per cent of all chicks hatched this season? If not, get my book and learn how. Send today for free circulars and testimonials. Address

Edgar Briggs Box A Pleasant Valley, New York

Single Comb White and Brown Leghorns, S. C. R. I. Reds and Barred Plym. Rocks

This season we have mated up some grand breeding pens of each variety from which we will sell eggs at the low price of \$2 and \$5 per setting. No better anywhere. Choice breeding birds for sale at all times. We guarantee every sale satisfactory.

: Address :

Waterview Poultry Yards H. J. Dietz, Proprietor Hempstead, L. I., N. Y.
Al. Johas, Manager

S. C. BROWN LEGHORNS

America's Winning Strain

At the great Indianapolis Show in competition with all the foremost Leghorn breeders in America we won as follows: 2nd and 3d Cock, 5th Hen, 3d Cockerel, 1st, 3d and 4th Pullet, 1st Pen, Specials, Silver Club Cup for best display, Special Best Shaped Female. If you want some Blue Ribbon Birds for next year shows, place your order for eggs at once. Eggs from my best pens, \$3.00 per setting, good hatch guaranteed.

LAUREL LEGHORN YARDS

E. J. Stuckmeyer, Prop., 1401 Prospect St., Indianapolis, Ind

GOOD PARTRIDGE WYANDOTTES.

No matter how fancies may go, there will always be a great lot of fanciers who admire good Partridge Wyandottes. This variety once in the yards of a fancier, will not be displaced by any. This has been true with Mr. Earl Henry, of Albert Lea, Minn., who has tried many but breeds nothing but the best Partridge Wyandottes and has not had others on his place for years. Mr. Henry is one of the fanciers who claims to be a specialist and is a specialist. On his beautiful little farm on the outskirts of the town we name he is breeding some of the best Partridges in the Northwest, or the whole country, for that matter. His winnings at Chicago and St. Paul and Minneapolis and other shows are proof that I am right in the assertion. We have not seen anything that this breeder has sent out but good stuff. His females are especially good, with fine eyes and the yellowest legs we ever saw on any black red birds. Their color is great. We have judged them in the showroom and handled them in Mr. Henry's yards and have always found his strain of birds to be typical of the variety and strong in shape and real Wyandotte character. Look up his ad in this issue and remember that he has the best breeding pens he ever owned and



Second Buff Orpington pullet, New York. 1906. Owned by H. B. Prescott, Derry, N. H.

prices eggs, for the quality of breeders they come from, far too cheap.

W. P. Smalley, Shawnee, Okla., White Wyandotte specialist, has been breeding White Wyandottes of high class quality for some ten or eleven years, during which time he has made a wonderful record, in many cases practically making a clean sweep in this class for the past two years in succession, and has the A. P. A. gold medal. In extra strong competition, where it took two pens, one of old and one of young, to win, he succeeded in capturing the city official's cup, valued at \$100. All varieties were in competition for this cup and this winning should convince our readers that Mr. Smalley breeds the best White Wyandottes in the Southwest. At the recent Muskogee show, in very hot competition, his birds were successful in carrying off the \$25 cash special for the ten highest scoring birds in the entire show. Mr. Smalley is closely identified with the fancy poultry industry and holds several offices in the A. P. A. and White Wyandotte Club. His ad appears elsewhere in the columns of the American Poultry Journal.

The Eureka Trap Nest, manufactured by the Eureka Trap Nest Company, Wiloughby, Ohio, is a new device recently patented and offered for sale in our columns to the poultry public and is receiving very favorable comment from those who are familiar with the construction of this nest. They issue a neat little booklet giving full descriptions, which is free for the asking.

**FOLLOWING CATALOGUES OF
PROMINENT BREEDERS AND
ADVERTISERS IN AMERICAN
POULTRY JOURNAL HAVE
REACHED OUR DESK.**

It is a noticeable fact this year that the most of the breeders are trying to excel in neatness and quality the catalogues which they have been getting out heretofore. Many of these are printed on elegant quality of paper, are really works of art and are a credit, not alone to the breeder, but to the whole poultry world. This proves that the breeding of fancy poultry refines the taste, elevates the mind of the breeder by instilling in him the desire for something better, and the class of people who are now our foremost breeders in the poultry world surely are a credit to any industry.

In many of these catalogues all of the artist's skill has been called for, and as we said before, they are really works of art. Our artist, Mr. Louis A. Stahmer, has furnished cover designs for a large number of our prominent breeders. This shows that many of our poultry breeders are now beginning to realize the additional advertising value which a cover design or letter-head adds to their business.

The neatest catalogue that has come to our desk for some time is the one of R. C. Caldwell, of Lyndon, Ohio, which has a striking cover design printed in lavender, brown and black. The information regarding the baby chick industry contained in this book is well worth having by any poultry man.

The catalogue of F. A. Tecktonius, a well known breeder of Rose and Single Comb Buff Leghorns, ranks with the best that has ever been produced in a poultry catalogue. It has a handsome color insert of a pair of Buff Leghorns. This picture has been made by an entirely new engraving process, which differs in this manner from birds heretofore shown in colors, that the picture has been made from living specimens of fowls and from an ordinary black and white photo. The catalogue is well worth 25 cents, which he asks for it. Address him, Route 7, Racine, Wis., and get his catalogue.

Another fine catalogue is the one C. E. Spaugb, Rugby, Ind., is sending out. A handsome cover design by L. A. Stahmer adorns the cover and it contains many fine illustrations showing the snappy barring type of the bird. Send 10 cents in stamps for same to Box T, Rugby, Ind.

W. O. Chase, of Hillsboro, Ill., certainly has issued a big catalogue this season. The size, 9½x12, will give the reader an idea of how big the book really is. A fine cover design adorns the outside, and the text is printed on the best quality of paper that can be bought.

Budde & Co., Oak Park, Ill., have issued a handsomely printed catalogue, with a handsome cover design printed in two colors and is a work of art. They have recently purchased the well known "Red Raven Strain" of Single Comb Rhode Island Reds which has been brought to such a high degree of perfection by C. W. Zimmer, of Ft. Wayne, Ind. They have mated up a number of pens and their catalogue gives illustrations of the birds, also the mating list.

Another gem of catalogue is the one N. P. Eastling, of Pekin, Ill., is sending out this season. It contains by far the best illustration of White Leghorns produced to date. It also contains a lot of information regarding the mating and breeding of this popular variety. Mr. Eastling is the largest breeder of White Leghorns in the West and his birds are noted winners at the big shows. 10 cents in stamps addressed to Box 40, Pekin, Ill., will bring the book, and it is well worth the price.

J. A. Bickerdike, of Millersville, Ill., is sending out a handsome illustrated mating list showing a number of his prize winners at the late St. Louis show.

Lloyd C. Mishler, Rose Comb Black Minorca breeder, of North Manchester, Ind. A feature of this catalogue is that it contains a number of his pens showing illustrations of all the birds contained therein. The catalogue is printed on extra good quality of paper and the cover

what Joseph Tolman says about the Hall Mammoth Incubator

TWENTIETH CENTURY FRESH AIR POULTRY PLANT

P. O. ADDRESS: ROCKLAND, R. F. D.

NORWELL, Mass., March 5, 1910.

THE HALL MAMMOTH INCUBATOR CO.,
Utica, N. Y.

Dear Sirs:—

Have just taken off my second hatch from the 6000-egg Mammoth Incubator which you installed at my plant, and must say that I am more than pleased with the way it hatches out the chicks and also the quality of the chicks after they are hatched. It has far exceeded anything in the line of incubation with which I have had to do in my past 12 years' experience, and it is my opinion that with the Hall Mammoth Incubator the problem of incubation is solved.

The heat regulation of this Incubator is simply perfect; it requires but very little attention, and burns but very little coal. I am so well satisfied with my machine that I am already laying plans to install another 6000-egg Mammoth another season.

In closing let me congratulate The Hall Mammoth Incubator Co. in placing before the poultry world a machine that gives such grand results as the Hall does. Wishing you the best of success, I remain,

Yours truly,

(Signed) JOSEPH TOLMAN.

MAMMOTH Equipments
are the product of *The Hall Mammoth Incubator Co.*—their *invention*—their *improvement*—their *manufacture*. The high efficiency of the Hall equipments will be maintained and increased.

INTENDING purchasers are assured that if Hall equipments do not perform exactly in accordance with the claims made by the Hall Company their money will be refunded and the equipments removed.

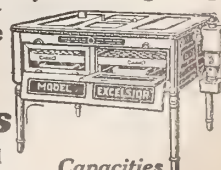
Send for the Hall Catalogs describing the Hall Mammoth Incubator, Hall Brooder System, Hall Self-Regulating Furnaces.

The Hall Mammoth Incubator Co.

UTICA, NEW YORK

**Hatch
Chickens
by
Steam**

Stahl Incubators are thoroughly practical at every point—proven so by years of service; thousands in successful operation. Require but little attention; guaranteed to produce a chick from every fertile egg. Heating, ventilating, and all the details necessary to hatching strong, healthy broods have been carefully worked out and perfected in the



**Excelsior and
Wooden Hen Incubators**

Get a "Stahl" and avoid costly experiments with new and untried machines. Illustrated catalogue free.

GEO. H. STAHL, Box 957 Quincy, Ill.

Capacities
50 to 600 Eggs

FENCE

For farm yards and homes—
—Ward Ornamental Metal
Fence costs less, lasts longer than wood. Build no fence till you see our Free Catalogs on Ornamental, Farm and Poultry Fences. Factory prices. We save you money. Write Now. What kind of fence do you need? The Ward Fence Co., Box 491, Decatur, Ind.

Better than the kind you now use.

It Keeps Chickens In

Protect your poultry with **SHIMER** fence. 35-40 high carbon steel, coated with pure zinc. "SHIMER" crimp insures life—needs fewest posts—no sags, no breaks, practically no wear-out. Special **SHIMER** for all uses. Factory prices. Buy no fence till our free Fence Book reaches you.

SPRING STEEL FENCE & WIRE CO.
Box 1814 Anderson, Ind., or
Coffeyville, Kan.

Order Free Catalog now.

Send for Sample of PAGE FENCE

We offer to send, free of charge, an actual sample of Page Woven Wire Fence, just as it comes from the big looms. Each one is "a sermon in steel." The tremendous success of Page Fence which is now on its Quarter Centennial Year, is due to the fact that its makers have always given full measure of honest value. It is the old reliable time-tried wire fence that outlasts them all. Admitted to be the strongest wire fence in existence.

Send today! See the real Page Wire! Get next to the "Page Knot!" Get the great Quarter Centennial Edition of the Page Fence Catalog and learn the difference between Page Fence and the ordinary kinds. Find what Page Fence means in economy. Write at once and both the free sample of Page Fence and the big Catalog will be sent promptly. Address

Page Woven Wire Fence Co.
Box 222P
Adrian, Mich.



POULTRY FENCE

33 CENTS A ROD For a 50-inch Poultry Fence. Two No. 12 High Carbon margin wires, ten No. 16 High Carbon line wires and No. 18 mesh wires. 2-inch mesh. Line wires 4 inches apart.

PRICE REDUCED from 37 cents a rod and is a big bargain at 33 cents. We make this fence 36 inches high at 27c, 45-inch, 30c, 54-inch, 36c, 69-inch, 39c, 63-inch, 42c, a rod. At these prices it is cheaper than the flimsy hex netting and will last for years. This is a very strong fence and posts may be set from 18 to 20 feet apart. Does not require baseboard or top-rail. Is easily stretched.

POULTRY GATE \$2.30
3½ feet wide, 48 inches high, covered with heavy poultry fence. Price includes malleable latch and hinges. Others will ask you \$3.00 for a gate not as good.

FREE CATALOGUE. Get our large Free CATALOG, which prices 63 heights and styles of Poultry, Farm and Yard Fence. The bargains we are offering will please and surprise you.

KITSELMAN BROTHERS,
BOX 295
MUNCIE, INDIANA.

design is printed in two colors. Addressing him at R. R. 1, North Manchester, Ind., will bring the book.

E. B. Thompson, of Amenia, N. Y., has issued a 52-page catalogue printed on excellent paper, containing as usual a number of fine illustrations and many testimonials from pleased customers. A handsome color plate adorns the front of the book and from every point of view it is indeed a handsome piece of work.

Tannenbaum Farms, Willoughby, Ohio, well known breeders of Barred Plymouth Rocks and Columbian Wyandottes, mating list for 1910 handsomely illustrated, shows a number of their winners as well as views of their splendid place. Their birds have won at Madison Square Garden, and also at the late Cleveland show, where they won first prize and color special on Barred Rock hen and a number of other prizes. Their birds are noted for their excellent type and snappy barring. Their Columbian Wyandottes are as good as any in the country. Their catalogue is free for the asking, and a postal will bring it.

S. A. Nofztger, North Manchester, Ind., the originator of Partridge Plymouth Rocks, is sending out a fine catalogue of his birds. A handsome cover design by L. A. Stahmer adorns the outside. Mr. Nofztger has been winning at nearly all of the big shows and a number of illustrations of his prize winners are shown.

C. C. Shoemaker & Co., Freeport, Ill., have issued a large and profusely illustrated catalogue of their incubators and a full list of poultry supplies. It is illustrated in colors and contains many testimonials from pleased customers, as well as other valuable information for the poultry breeder.

The catalogue of the Sunswick Poultry Farm, of South Plainfield, N. J., gives a complete record of the prizes won by their birds and shows a number of illustrations of their winners at late shows.

Geo. H. Rudy, Mattoon, Ill., the originator of the "Perfection Strain" of White Wyandottes, has issued a handsome catalogue containing a number of illustrations from life and which show that wonderful type for which his birds are noted. His winnings at the recent show at Kansas City, in January, where he won every first prize offered for this variety, as well as a number of specials, following his remarkable winnings at Chicago, December, 1908, stamps Mr. Rudy as one of the leading breeders of high class White Wyandottes. Send a postal today for this catalogue if you contemplate starting with this variety of fowls.

C. L. Buschmann, Indianapolis, Ind., is sending out one of the finest little books on the origin and history of Rhode Island Reds, that has come to our notice. It is written in nice style and gives the history of Rhode Island Reds, with complete instructions how to judge and mate them. This handsomely printed book is

in two colors and shows a number of his winners and is well worth the 20 cents which he asks for it. A postal will bring his mating list, containing descriptions of all the different pens. The handsome manner in which this mating list is gotten up leads us to believe that a feminine hand was on the editing committee of this little booklet, and we strongly suspect it was Mrs. Buschmann.

Walter G. Fenton, Mt. Clemens, Mich.,

LAWN FENCE

Many designs. Cheap as wood. 32 page Catalogue free. Special Prices to Churches and Cemeteries. Coiled Spring Fence Co., Box 408 Winchester, Ind.

BROWN POULTRY FENCE

Does Not Cost One-Half as Much as Common Chicken Netting, Yet Will Last Five Times as Long

Size of Wires. The top wires are No. 9½ gauge—same as nearly all stock fences. Intermediate and stay wires in same proportion—all double strength high carbon spring steel wire.

One Inch Spacings. More closely woven by far than other poultry fences, because bottom wires are only one inch apart, balance in same proportion—absolutely chick tight and rabbit proof.

Stock Strong. Built of material heavy and strong enough for hogs, horses and cattle. Wires cannot possibly slip, sag or bag down.

Rust Proof. The double galvanizing of every pound of wire in Brown Poultry Fence insures the fence against rust for many years.

Saving in Cost. With No. 9½ top wires, you can save at least one-half the posts, and besides you require no top railing or bottom boards. These items alone usually cost more than the fence.

Price. Our prices are less than common netting costs. Before buying any poultry fence, get our catalog and prices. We have 160 styles of fences to select from.

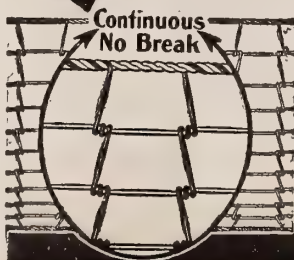
For a poultry proof fence woven close enough to confine small chicks yet strong enough for cattle, this fence cannot be equalled anywhere or at any price.

Write Today—We pay the Freight
The Brown Fence & Wire Co.
DEPT. 3 CLEVELAND, OHIO

Get Our Factory Price—Freight Prepaid On Advance Continuous Stay Wire Fence

Right now is your chance to get the world's greatest poultry fence on 30 days' Free Trial, freight prepaid, at direct from Elgin factory price, prompt, safe delivery guaranteed and your money back if you want it, no matter where you live. Advance is close enough for poultry, yet amply strong to turn large stock, so it's the best all around fence made.

30 Days' Free Trial—Delivery Guaranteed



and we pay the freight to your railroad station. Advance Poultry Fence is made of Solid Wire, not wire cut and spliced again. A cut wire weakens. Our stay wire is continuous, woven in with the main top and bottom wire running the entire width of the fence from one stay to the next. Made of the best basic, open-hearth steel, galvanized with a heavy coat of 99 per-cent pure spelter—that means rust proof. Advance is the handsomest, most substantial, longest-lasting poultry fence made. Dealers charge double for fence about half as good. Don't buy a single rod of fence till you read all about Advance. Mail a postal now—just say "Send Book and Prices."

ADVANCE FENCE COMPANY, Box 119, Elgin, Ill.

well known breeder of Columbian Wyandottes, whose birds caused such a furore at the late Chicago show, is sending out a mating list which shows two of the winners, also gives the prize record of his birds. Walter certainly has the goods and customers will be pleased with the results they get from eggs bought of him.

Ernest Kellerstrass, Kansas City, Mo., has issued a very complete and nicely printed catalogue. It contains a number of fine illustrations of his stock, as well as a number of views showing the

edies, all of which are guaranteed to cure or your money back. Their Eureka Tonic and Roup Tablets are already well known. Many of the largest breeders in the country would not be without them, and they are offering this year a White Diarrhoea Tablet for baby chicks which is claimed will save their life by preventing this much dreaded disease. As this remedy is sold on a money back guarantee, you run no chances in purchasing this remedy. This firm was formerly located at Carey, Ohio, but the address now is Lexington, Ohio.

Ohio. Mr. Switzer, a breeder of S. C. Buff Orpingtons, issues a mating list showing several nice illustrations of his first-prize winners at the late Cleveland show and gives a complete description of his ten fine pens of Buff Orpingtons. He is also prepared to supply you with day-old chicks of this variety.

Dearborn Poultry Yards, S. D. Lapham, proprietor, Dearborn, Mich., breeder of the Gold Medal Strain of Buff Plymouth Rocks, has ten fine pens of this variety, including his many prize winning speci-



A magnificent flock of Toulouse Geese on the C. C. Shoemaker Poultry Farm, Box 605, Freeport, Ill. This farm owns a large flock of choice geese. See ad elsewhere.

extensiveness of his poultry farm. Also contains a number of testimonials which give the opinions of prominent judges regarding the quality of his stock, as well as a complete record of prizes won at the different shows. So much has been said of Mr. Kellerstrass in the poultry press that it is superfluous to say more.

Coleman Company, Lexington, Ohio, manufacturers of Coleman poultry remedies, issued a little booklet giving full information concerning their several rem-

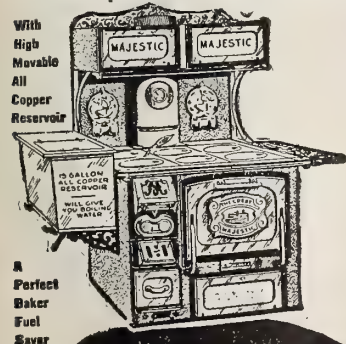
Henry Bennett, Brown, W. Va., has issued a little booklet giving a description and also a list of the winners at the different shows of his celebrated Red Pyle games.

F. E. Skinner, Sandwich, Ill., has issued a circular of his White Wyandottes. It gives a description of the different pens, also a record of winnings.

Roseland Poultry Farm, Chas. W. Switzer, owner and manager, South Euclid,

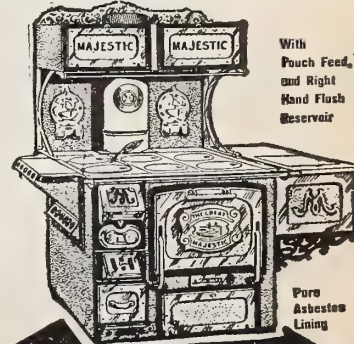
mens, from which he is offering eggs at a reasonable price. Mr. Lapham breeds several other varieties of poultry as well as water fowl. You will do well to send for his mating list.

The annual catalogue of W. H. Wiebke, Ft. Wayne, Ind., who makes a specialty of producing prize winning Single Comb Brown Leghorns, and whose birds have won for many years past at such shows as Chicago, Boston, Madison Square Garden, Indianapolis, Ft. Wayne, Cleveland



With High Movable All Copper Reservoir

A Perfect Baker Fuel Saver



With Pouch Feed, and Right Hand Flush Reservoir

Pure Asbestos Lining

The Range with a Reputation

The Great and Grand MAJESTIC Malleable and Charcoal Iron RANGE

It should be in your Kitchen



Movable Reservoir Flush With Top

Hundreds of Thousands of them in Use, Each One Giving Complete Satisfaction

putty used) are airtight, and stay that way. The Majestic isn't lined with asbestos paper covered with steel, but is lined with guaranteed pure asbestos board one quarter inch thick, covered with an iron grate, put there to stay—you can see it.

The reservoir is all copper, heated like a tea kettle through copper pocket (stamped from one piece of copper) setting against left hand lining of fire box. It boils 15 gallons of water, and, by turning lever, the frame and reservoir moves away from fire. This feature is patented and used only on the Majestic.

Remember these 3 important features: The material the Majestic is made of—the way it is put together—the reservoir—then glance at a few of the other features possessed by the Majestic that follows:

All doors drop down and form perfect and rigid shelves. Malleable oven racks slide out, automatically holding anything they contain. Open end ash pan prevents shoveling ashes out of ash pit. Ventilated ash pit prevents floor from burning. Ash cup catches ashes that would otherwise fall on the floor.

No springs anywhere to weaken or get out of fix. It's the best range at any price, and should be in YOUR kitchen. It is for sale by the best dealers in nearly every county in 40 states. If you don't know who sells them in your vicinity, write us and we will tell you, and send you our booklet "The Story of Majestic Glory." Every farmer's wife should read this booklet.



With Water Front For Pressure Water Heating

Body made of charcoal iron. It can't break or crack

Majestic Manufacturing Company, Dept. 27, St. Louis, Missouri

Trinidad Lake Asphalt

has no equal as a waterproofer. After we have used it for thirty years, everybody is learning its value for every waterproofing purpose.

Genasco Ready Roofing

is made of genuine Trinidad Lake asphalt.

There is no roofing substitute for Genasco—none will last so long.

Ask your dealer for Genasco. Mineral or smooth surface. Look for the hemisphere trade mark. That's a surer guide than the looks of the roofing. It is your real guarantee, but we'll write you a guarantee, if you think you need it. Write for the Good Roof Guide Book and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt, and largest manufacturers of ready-roofing in the world.

PHILADELPHIA

New York San Francisco Chicago



Cross-section, Genasco Stone-surface Ready-Roofing



Gravel
Trinidad Lake Asphalt
Asphalt-saturated Wool Felt
Trinidad Lake Asphalt
Asphalt-saturated Wool Felt

White Quill White Wyandottes and S. C. Leghorns

MR. FANCIER—Do you know and realize that WE have supplied the winners to discouraged fanciers and breeders that were once quitters but are now successful poultrymen. If you are discouraged, a trio of our birds or a setting of eggs will make your competitor sit up and take notice while you get first money. Remember they are winners in Detroit, Toledo, Ithaca, Marion, Wapakoneta, Elmore, and Sylvania. Scores, 93 to 96%. Let us book your order for eggs. Write for prices. Give us a trial. WE CAN PLEASE YOU. Our Prices Are Right. WE HAVE NO DOLLAR BIRDS—BUT WE HAVE BIRDS OF SUPREME QUALITY.

Naumburg & Booth

1532 West Brancroft Street

Toledo, Ohio

R. C. RED EGGS

Five grand pens mated including the cream of our Buffalo, Youngstown and Cleveland winners. If you want shape and size to go along with color, write us for our illustrated mating list containing cuts of some of the best shaped Reds in the world. It is free. A few fine breeding cockerels left at half price. Always address

Simmons & Crittenden



Geneva, Ohio



GREYSTONE WHITE ROCKS

win by a mile at Madison Square Garden, at five shows 1905-1910, won 12 out of 25 first (more than double nearest competitor), 3 out of 5 best displays, 3 out of 5 best cock, hen, cockerel, pullet and pen, 5 out of 8 champions (five times as many as any other exhibitor), 5 out of 8 shape specials. Eggs, \$5, \$10 and \$15 per 15.

Greystone Poultry Farm, F. H. Davey, Mgr., Yonkers, N. Y.

PRACTICAL REDS

RIDGE VIEW FARM



THAT'S it—Practical Reds. The kind that lay eggs like a Leghorn and make a roast like a Rock.

We have the best strain of Practical Reds in the U. S. We sell eggs that hatch. Send \$6.00 for 100 eggs from utility pens or \$10.00 for 100 eggs from selected pens. Get your order in now—don't wait until the last minute.

After years of careful breeding we are giving the fancier an opportunity to buy from our best stock at an exceptionally low price.

A. G. CLARK, WILLOUGHBY, OHIO

and other good shows, gives a very complete description of his matings and would prove very interesting reading to any lover of this very beautiful breed of fowls.

Catalogue and mating list of John O. Willard, Linton, Mich., breeder of Single Comb Buff Orpingtons, is a very complete little booklet, covering the ground thoroughly as to why they think the Buff Orpington is the best breed for pleasure and profit, either for the beginner, fancier or farmer. They have thirteen prize-winning males at the head of their pens and have in all some fifteen pens mated for the egg trade. Their stock has been prominent winners at a number of our important shows during the past season.

Wellington Red Poultry Farm, W. E. Phillips, proprietor, Wellington, Ohio. Mr. Phillips makes a specialty of Rhode Island Reds, breeding both Rose and Single Combs. He is in position to supply you with high class eggs from two fine pens of prize-winning specimens who have been winners this past season at many of our prominent shows. He is also prepared to supply you with eggs of a cheaper quality, including incubator eggs, and he is also selling day-old R. I. Red chicks and if you are not in position to hatch them yourself you will do well to secure a start of Reds in this way.

A pretty, neat little booklet of the Frogdale Poultry Farm, Geo. C. Thayer,



MAJOR.

First prize S. C. Black Minorca cockerel at Cleveland, 1910. Bred and owned by H. J. Shann, Painesville, Ohio.

proprietor, French Lick, Ind., breeder of White Wyandottes, Barred and White Rocks, Single Comb White Leghorns, Indian Runner and Pekin ducks, White Holland and Bronze turkeys, has a cover printed in two colors. Mr. Thayer calls his strain of fowls the Pluto Strain and his trade-mark is a picture of Old Nick himself. Mr. Thayer's poultry farm, which is called Frogdale, is located in a very scenic part of the country, three miles out from French Lick, and the natural conditions are ideal for poultry raising. Mr. Thayer has a large incubator cellar and is prepared to furnish you day-old chicks and ducklings. Mr. Thayer is the only party we know of who is furnishing day-old Indian Runner ducklings.

White Oak Poultry Farm, R. H. Gamble, proprietor, Lima, Ohio. Mr. Gamble has recently bought out Frank J. Banta, who was the former owner of White Oak Poultry Farm. Here we find a large flock of Single Comb Black and White Orpingtons, of which they make a specialty. They are prepared to furnish day-old chicks of either White or Black Orpingtons, also Single Comb White Leghorns. Parties desiring chicks of any of these varieties will do well to correspond with Mr. Gamble.

Lyman H. Hill, Jackson, Mich., breeder of Wolverine Strain White Plymouth Rocks, shows a very handsome catalogue, beautifully illustrated with half-tones, and he is making a special offer to all who

purchase \$10 worth of stock or eggs from him during the year of 1910. Of course, you will want to know about this and should send for this catalogue.

Geo. M. Hill, Jackson, Mich., breeder of Buff and White Cochins bantams, issues a neat little mating list of his pets that will be interesting to all lovers of bantams.

Craig & Mapes, Clearview, Mt. Leba-

breeder of Buff, White and Black Orpingtons, issues a very complete little booklet giving full descriptions of his many great matings of these varieties.

Ferris Poultry Farm, Grand Rapids, Mich., Geo. B. Ferris, proprietor, breeder of high class Single Comb White Leghorns, issues a neat little booklet giving in detail the winnings and descriptions of ten pens mated for the egg trade. Mr. Ferris is also prepared to furnish day-

home, as well as their poultry yards and prize winning specimens of Rhode Island Reds.

Maltbie & Shelley, Geneva, Ohio, issue a neat little booklet of their Rose Comb Rhode Island Reds. It will be remembered that Messrs. Maltbie & Shelley purchased the entire flock of Reds formerly owned by Robert C. Tuttle, including his Chicago and Boston winners. Mr. Tuttle had the birds mated for the season



A PARTIAL BIRD'S-EYE VIEW OF EDMONT POULTRY FARM, HILLSBORO, ILL.

non. Pa., breeders of Buff and Black Orpingtons, Rose and Single Comb Rhode Island Reds, have illustrations giving reproductions of many of their prize-winning specimens at the largest shows during the past season.




Chas. A. Keefer, Muskegon, Mich.,

old chicks of Single Comb White Leghorns.

Kaufmann & Windheim, Nutley, N. J., breeders of the famous American Beauty Strain Rose Comb Rhode Island Reds, issues a large sized catalogue with many full-page illustrations of their beautiful

of 1910 and these gentlemen have kept these pens mated just as Mr. Tuttle had them and they are offering you eggs from them at very moderate prices. Twelve yards in all are mated for the egg trade and it is safe to say they have one of the best flocks of R. C. Rhode Island Reds in the country today.

STEP UP TO IT— The magnificent winnings at the late big Chicago and Hagerstown shows by McDanell's Golden and Columbian Wyandottes. Eggs from this stock will do it. Special exhibition matings, \$5 per 15, \$8 per 30. Regular pens, \$3 per 15, \$5 per 30. Order from this; I'll do the rest. Modern plant. 50 per cent egg yield, Jan. and Feb. 8 yrs. reliability. Catalog. **Old Homestead Farms** J. H. McDanell, Proprietor R. 2, Warsaw, Kentucky

INCUBATORS 	CLOSE-TO-NATURE BROODER <p>A Brooder built on the Most Exact Scientific Laws. Three life-saving Principles not found in any other brooder invention: Warmth by Conduction and Contactation; Ventilation by Induction and Percolation; Prevention of Piling and Crowding by Mechanical Construction. Has met with a most remarkable reception the past three years, being used and endorsed by many, scientific and successful poultrymen. Not a novelty, a hot air bake oven, a lampless cold storage box, nor a dollar "system", nor a quick-get-rich-forty-foot-lot plan, but it is an expensively constructed, common sense, close-to-nature chick nurse, blending the instincts of the mother hen with the reason of man and satisfying every natural impulse of the chick. Brooders are double, metal lamp box outside, hovers adjustable, double tops, triple hover floors, withstanding wind and weather. Brooders for orchard and field, and Independent Hovers ready for instant use in box or shed. Need little attention. Eminently the brooder for the business man and the farmer.</p> <p>Incubators of same high merit and equal successful experience of the brooders. Catalog free.</p> <p>CLOSE-TO-NATURE COMPANY, 38 Front Street, COOLFAX, IOWA.</p>	 HOVER 
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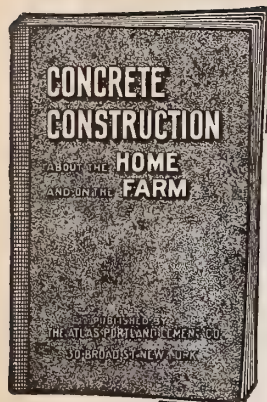
Do You Know Hummel?

He can and will save you money on first-class birds, young or old, and eggs, all varieties in the following breeds:

Plymouth Rocks	Wyandottes	Cochins	Light Brahmas
Black Langshans	S. S. Hamburgs	Leghorns	Minorcas
W. F. Black Spanish	R. I. Reds	Buckeyes	Bantams
Blue Andalusians	Red Caps	Polish	Games
Houdans	Orpingtons	Pekin Ducks	Rouen Ducks
Toulouse Geese	Bronze Turkeys	White Holland	Turkeys

Write him at once for his free 1910 Catalogue. Mention American Poultry Journal and tell him just what you want. Address

S. A. Hummel, Box 52, Freeport, Illinois



NONE JUST AS GOOD

A 168-Page Book That Tells All About Concrete

FREE After reading this instructive book any farmer can make and use concrete in many useful ways. It contains 168 pages, and is filled with plans and specifications and photographs of farm structures that may be built of concrete. This book—"Concrete Construction About the Home and on the Farm"—is free to farmers. Write for it today.

ATLAS PORTLAND CEMENT

Makes The Best Concrete

ATLAS is the standard American brand of cement. It is made of genuine Portland Cement rock. It contains no furnace slag. There is only one quality of Atlas manufactured—the best that can be made and the same for everybody. 4,500,000 barrels of Atlas were ordered by the U. S. Government for the Panama Canal.

Ask your dealer for ATLAS. If he cannot supply you, write to

The ATLAS Portland CEMENT Co.
Dept. 157 30 Broad St., New York
Daily Productive Capacity, over 50,000
Barrels. The largest in the world.

ESSO

RE-CARBONIZED
CHICKEN
CHARCOAL

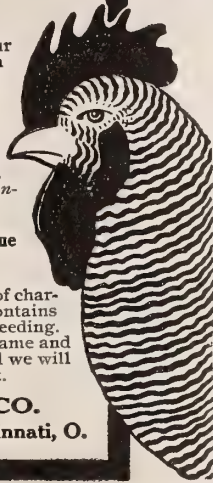
Healthy Chickens mean Healthy Profits

There is no profit in a sick chicken. Your chickens need charcoal to keep them in good condition. But do you know there are *two kinds* of chicken charcoal? One is once-burnt; the other is *re-carbonized*—twice-burnt. Esso Chicken Charcoal is the best and purest you can buy—because it is the only chicken charcoal that is *re-carbonized*—twice-burnt. The only charcoal in which no gritty uncharred pieces are to be found.

Write for our Free Booklet "The Value of Charcoal in Poultry Raising."

This book tells the facts about both kinds of charcoal. It is well worth your reading and contains some excellent suggestions for proper feeding. Send us your name and address with the name and address of your poultry supply dealer and we will mail you a copy of this booklet free of cost.

The S. OBERMAYER CO.
641 Evans Street. Cincinnati, O.



S. M. Dickinson, Granville, Ohio, issues a very nice catalogue on a fine quality of paper, printed in two colors, and nicely illustrated, which of itself speaks well for the quality of Mr. Dickinson's White Rocks.

Mating list of Chas. G. Pape, breeder of Single Comb Black Minorcas, Ft. Wayne, Ind., gives a detailed description of Mr. Pape's winnings and matings and prices on same.

Dr. J. C. Andruss, Canandaigua, N. Y., 326 Gibson street, breeder of Columbian Wyandottes, has some ten pens of this variety mated for the egg trade. His catalogue gives prices of same and detailed information concerning his stock.

John M. Poley, Royersford, Pa., breeder of Buff Rocks exclusively, issues a neat catalogue with many illustrations of his prize-winning specimens at Madison Square Garden and other shows, and describing his eight pens of this variety, with prices, etc. Mr. Poley is president of the American Buff Rock Club.

D. W. Young, Monroe, N. Y., issues a very complete catalogue of his Single Comb White Leghorns, which have been winning at Madison Square Garden for a number of years past. He has thirty yards mated for the egg trade.

Simmon & Crittendon, Geneva, Ohio, issue a circular describing their Redskin Strain of Rose Comb Rhode Island Reds, of which they have five pens mated for the egg trade, including their many prize winners at Youngstown, Buffalo, Cleveland and other shows.

The Livingston Poultry Yards, Jonas Haynor, manager, Livingston, Col. Co., N. Y., presents a booklet giving a detailed list of their winnings and descriptions of their thirteen pens of Barred Plymouth Rocks from which they are offering you eggs for hatching.

A. E. Blaker, Parsons, Kan., Box 56, Route 2, breeder of Barred Plymouth Rocks and White Holland turkeys, issues a very complete catalogue showing many illustrations of his prize-winning Barred Rocks and White Holland turkeys.

E. L. Delventhal, Warrentown, Mo., who makes a specialty of Buff Rocks, has seven pens of this variety mated for the egg trade, from which he is offering eggs for sale.

R. C. Stewart, Route 11, Big Rapids, Mich., breeder of Rose Comb Black Minorcas, has four fine pens of this variety mated for the egg trade and is also prepared to furnish day-old chicks of this variety at reasonable prices.

Reliable Incubator & Brooder Co., Quincy, Ill., issue a very large and profusely illustrated catalogue of their Reliable incubator and a full list of poultry supplies. This is the twenty-eighth annual catalogue issued by the Reliable Incubator & Brooder Co.

Carver & Avery, Columbia City, Ind., issue their twelfth annual mating list of their Partridge and Silver Wyandottes. Messrs. Carver & Avery have a very long list of prizes to their credit during the past, as the winnings they have made on these varieties include all of our prominent shows, as well as the St. Louis World's Fair. At the late Missouri state show, held at St. Louis December, 1909, they again demonstrated their ability to win. They have in all some ten grand pens mated for the egg trade.

Pleasant View Poultry Yards, Anna M. Lembke, manager, Box 9, Griswold, Iowa, issue a booklet in two colors describing their work and win strain of Rose Comb Rhode Island Reds. They have in all some nine fine pens mated for the egg trade, from which they are prepared to supply you eggs for matching at reasonable prices.

Harold Purvis, Butler, Pa., breeder of White Orpingtons exclusively, won at Cleveland, Ohio, third cock, second and fifth hen and second pullet. And at Madison Square Garden last year he won second cock, third cockerel and second hen. He has five pens mated for the egg trade, besides a flock of birds on free range. He also reports having several fine cockerels yet on hand which he can spare. His ad appears elsewhere in the American Poultry Journal.

Cut Your Operating Expenses in Half.



operates both flame controller and damper. The result is a saving of half the oil.

My new Tandem Thermostat and Acme Trip Burner with combined damper and flame regulation will do it.

Fits any Incubator or Brooder. My Acme Trip Burner has automatic flame controller connected with regulator. My Tandem Thermostat operates both flame controller and damper. The result is a saving of half the oil.

Acme Burners Fit any Lamp

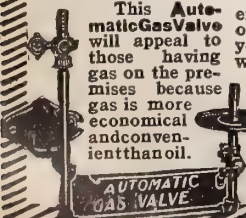
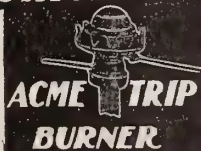
Tandem Thermostat Fits any Regulator

I furnish all attachments for connecting to both damper and flame controller. I make complete regulators to fit any Incubator, also complete lamps. My Acme Automatic Lamp has large oil reservoir, automatic valve keeps oil always same height on wick, insuring even heat. Acme wicks need no trimming, no smoke, no soot, no overheating, no danger from fire.

This Automatic Gas Valve will appeal to those having gas on the premises because gas is more economical and convenient than oil.

I manufacture regulators, lamps, burners, tanks, heaters, etc., to fit any incubator, everything to remodel your old incubator and make it better than new. I will send you Free my catalog and big book of plans by which you can build your own Incubators and Brooders. 25,000 have already built their own machines from these plans. My new Lampless Brooder will cost you less than \$4.00 to build. No lamp, no tank, no expense to operate. Greatest Brooder on earth. Write today and let me know what you need.

H. M. SHEER, 45 Hampshire St., Quincy, Ill.



**RIVER HOME POULTRY YARDS
BRANCHING OUT.**

The River Home Poultry Yards, of Perrysburg, Ohio, have just opened a new office at 319 St. Clair street, Toledo, Ohio, so that they may better handle the growing business in the sale of the famous Norwich Automatic Feeder and Exerciser in the central West. The immense demand for these machines has called for this move, and the River Home people are now ordering the feeders by the carload and are handling them through a large warehouse, admirably situated on the Toledo Terminal Belt railroad, which gives them unexcelled shipping facilities.

These machines have been gaining in favor with the poultry raisers from their first appearance on the market a little less than a year ago, until at the present time the sales have passed the 10,000 mark. There is a reason for this success.

KEMIFORM, THE CHICK SAVER.

Millions of little chicks die each year of bowel trouble and cholera, but no loss occurs where Kemiform is used in time as a preventive or cure. It is claimed to be the safest and best remedy for ailments of this nature in existence. To prevent loss from these troubles is an important problem in successful poultry raising. A big hatch really does not mean much unless you are able to care for the youngsters through this dangerous period. Kemiform acts as a general corrective and also aids digestion. It should be given regularly to all little chicks in their drinking water. Everyone who appreciates healthy, bright-eyed poultry would do well by keeping this splendid article always on hand.

CORRECTION.

We would like to call the attention of our readers to a mistake in our March issue. The name of David O. Bootz, who recently took up his work as manager of the poultry plant of F. Gage Cutler, Carthage, Ill., was printed Booty. No one will know him by this name of course. He is very well known in Illinois, and especially in the vicinity of Peoria, Ill.,

where his home has been, as an expert poultryman of exceptional ability. He has had a good many years' experience

dotted, together with my good will for one year, to the Sheffield Farm, Glendale, Ohio, and shall have no stock or eggs for



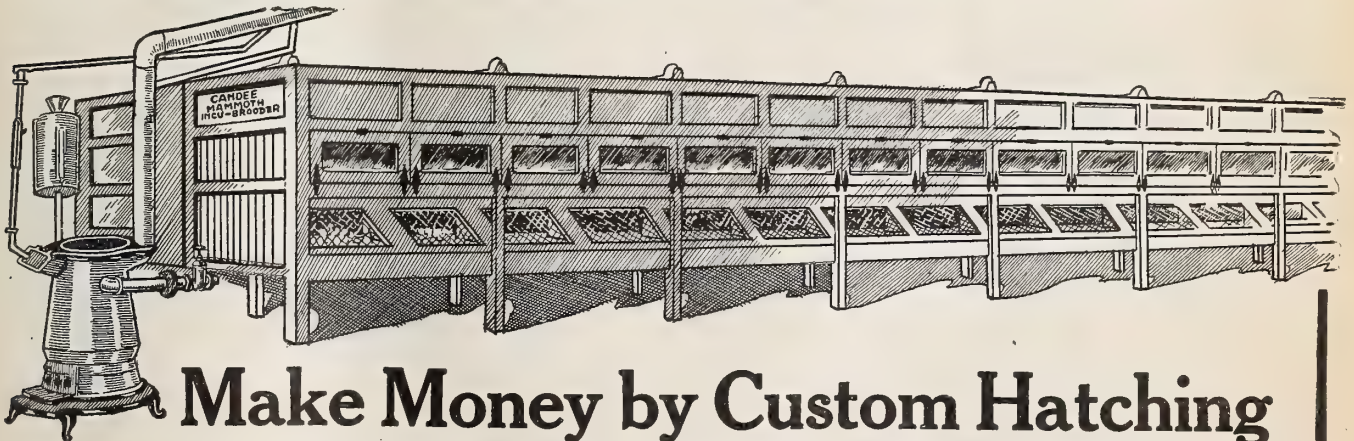
First prize Single Comb White Leghorn pen at the late Cleveland show. Bred and owned by White Feather Poultry Farm, Rocky River, Ohio.

in mating and rearing birds to produce fine show specimens.

I have sold all my Partridge Wy-

sale during that time. I heartily recommend all of my customers to purchase their stock and eggs from this farm.

M. H. COFFIN.



Make Money by Custom Hatching

INCUBATOR For Settings of 2,400 Eggs and Upward will Soon Pay For Itself. It is the Sensation of 1910 Among Poultry Dealers.

Read Its Patented Features

Perfect heat control of each compartment besides a separate control of the heater.

Each unit for 600 eggs independent, permitting shutting off or enlarging.

No expansion tank or float or chance to leak.

Perfect insulation and ventilation and easily cleaned.

Simplicity of operation—nothing to get out of order or to wear out. Economy in fuel because of the perfected hot water heater, which is safe, sure and automatic.

Hot Water Brooders and Hovers

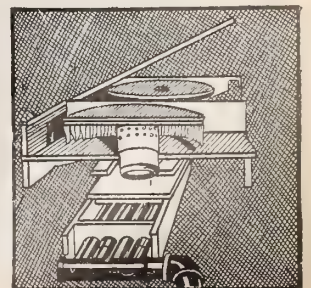
The Candee System is daily used by hundreds. It is economical to install and the very cheapest to operate. Chicks are raised in them under ideal conditions.

Send for Catalogue

Learn how Candee has worked out the Poultry Problem. Our Engineering Department will advise you, furnish estimates, etc., for your particular case.

CANDEE MAMMOTH INCUBATOR AND BROODER CO.

Dept. 2, DEWITT, N. Y.



75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

HURST SPRAYER
ON FREE TRIAL

No money in advance—pay us out of extra profit. Sprays anything—trees, potatoes, vineyards, truck, etc. Pushes easy—high pressure. Guaranteed 5 years. Pay when you can—at wholesale price. We pay freight. Catalog and Spraying Guide free.

Free Sprayer Offer to first in your locality.
H. L. HURST
Mfg. Co., 808
531 NORTH STREET,
CANTON, O.

AS POTATO SPRAYER AS ORCHARD SPRAYER

MYERS IDEAL POULTRY PUNCH

Absolutely the best—made of the finest tool steel, oil hardened, cuts two sized holes. Price, 25 cents each, postage prepaid.

IDEAL ALUMINUM LEG BAND
To Mark Poultry and Pigeons
CHEAPEST AND BEST
12 for 15, 25—25c, 50—40c, 100—75c.
Sample Band Mailed for 2c. Stamp.
Frank Myers, Mfg. Box 40, Freeport, Ill.

CHAMPION BROODERS



Our 1910 model is the best and finest brooding device ever put on the market. Outdoor, indoor and lampless brooder, weaning coop and small colony house, all combined in one machine for less money than you pay for just "brooder" in other makes. The Champion is the standard Brooder of the world. We have customers using as many as 50 on their farms. No other brooder like it.

Champion Patents

Many manufacturers are using some of our patented features in their brooders. Beware of these infringements as we intend to prosecute all such manufacturers and users of infringing brooders. Our patents cover all two compartment brooders, others are infringements, and if you buy them you are liable to heavy damages.

How They Work

"I have used two other kinds, but yours beats them all."—Jos. McCloskey, Watseka, Ill. "My Champion raised 145 chicks for me without the loss of one."—E. U. Harris, Hagerstown, Md. "Never had a chick sick with weak legs or bowel trouble in the Champion."—Nick Morris, Goshen, Ind. "I raised 600 chicks in two Champions last year and lost only three chicks."—R. Robetts, Boston, Mass. "My Champion chicks grow like weeds. Keep the brooders outdoors all winter."—Jas. Shinsler, Augusta, Me. We have hundreds of others on file.

The Champion is the only brooder which will work outdoors in winter without shelter. The powerful heater does it. Uses one-half the oil of others use. Don't buy until you get our catalog; it's free.

J. A. Bennett & Sons Company

929 Main Street : Gouverneur, N. Y.

DOWN-TO-THE-MINUTE BROODING APPARATUS.

Herewith are two pictures which illustrate what the manufacturers claim to be the latest and best brooding devices thus far invented and offered to poultry raisers. One is the World's Challenge Fire-Proofed Adaptable Hover, for use in brooders; the other is the One-Lamp Sectional Paradise Brooder, for indoor use in residences, poultry houses, etc. Both are manufactured, sold and guaranteed by Cyphers Incubator Company, Buffalo, I. Y. They are carried in stock at the factory, also at the branch stores of this company, 23 Barclay street, New York; 12-14 Canal street, Boston, Mass.; 340-344 N. Clark street, Chicago, Ill.; 2325 Broadway, Kansas City, Mo., and 1569 Broadway, Oakland, Cal., whence shipment is promised by the Cyphers Company within forty-eight hours after orders are received.

The Adaptable Hover (Fig. 1) is used in each of the four sizes of Cyphers Company Standard Self-Regulating Brooders, and is also sold separately for use in brooders of other makes, also in home-made brooders built of goods boxes, piano and organ cases, etc., also in colony roosting coops, colony houses or other poultry buildings. As its name indicates, it is "adaptable" for use in any form of enclosure in which little chicks can be confined or housed with safety.

The Cyphers Company Adaptable Hover is self-regulating and self-ventilating. It will not overheat and the ventilation is automatic-infallible. Fresh, warm air is supplied the chicks constantly in moderate amount, day and night. This adaptable hover has been approved by the representatives of the National Board of Fire Underwriters and bears the official insurance label—a feature that is found in no other oil-heated brooding device on the market. The manufacturers claim that this adaptable hover can be used in or near any building with absolute safety. The complete hover, safely boxed for shipment, f. o. b. Kansas City, Mo., and other eastern points, sells at the low price of \$8.50.

Many of our readers who wish to save the expense of special poultry buildings, or of a large number of outdoor brooders, should send for Cyphers Incubator Company's separate booklet, which describes and fully illustrates the Paradise Brooder, a one-lamp sectional indoor brooding device that, in complete form, as shown in the picture herewith, will accommodate 400 chicks at one time, 50 chicks in each lot, and all heated by a single blue-flame stove or lamp. This brooder has been on the market four years and is giving uniform satisfaction. The booklet here mentioned contains convincing reports from poultrymen of well-known integrity. By the use of this economical and thoroughly practical brooding device 1,200 to 1,600 chicks can be raised to broiler age—eight to ten weeks old—in an ordinary living room in a dwelling house and the chicks at all times will be under perfect control.

Write today to Cyphers Incubator Company for their 160-page 1910 Catalogue and Poultryman's Guide, also separate booklet describing the Paradise Brooder. Both are free, postpaid, if you will kindly mention this paper. Address branch house nearest you.

L. H. Eldridge, Bradford, Ill., breeder of Buff Orpingtons, issues a neat little catalogue giving full information as to his winnings during the last couple of years and full description of his six fine pens from which he is offering eggs for sale. One page contains an illustration of "Grandma," an eight-year-old hen which has never been defeated in the showroom.

J. H. CROSLLEY, BOX 177, MAGNOLIA, N. J.

Mr. Crosley, who makes a specialty of breeding Single Comb Rhode Island Reds, showed three birds at the late Philadelphia show in a good class of Reds, where he won three prizes on the three entries as follows: Second cockerel, second and



Fig. II—Sectional One-Lamp Paradise Brooder for Indoor Use. Capacity 400 Chicks in Eight Lots of 50 Chicks Each.

third pullets. At the Norristown, Pa., show in December Mr. Crosley won first prize hen and special on cockerel. These prizes were won in competition with birds which had a long list of prizes to their credit at many of the large shows. Mr. Crosley has been a successful breeder of Rhode Island Reds for many years past and has fine quality, having both good shape and color, as well as laying strain.

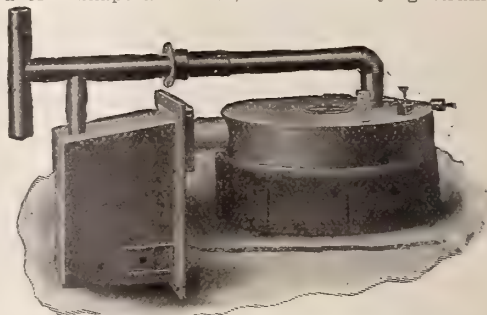


Fig. I—Cyphers Company Self-Regulating Fire-proof Adaptable Hover.

He is prepared to supply you with baby chicks at very reasonable prices. Look up his ad elsewhere in the American Poultry Journal.

Mr. Ben W. Wilhite, Crawfordsville, Ind., breeder of S. C. Black Minorcas, reports that at the late Crawfordsville show he won first cockerel, first and second hen, first and second pullet, first pen and sweepstake special. This bird was pronounced by Judge S. P. Lane as being the best Black Minorca pullet he had handled this season. Mr. Wilhite has recently purchased some fine Buff Orpingtons, which were also winners at the Crawfordsville show, and is offering eggs from both of these varieties for sale at very reasonable prices. Satisfaction is guaranteed to all by Mr. Wilhite. His ad appears elsewhere in this issue.

Dr. Wilbur Dace, Rushville, Ill., breeder of Single Comb Rhode Island Reds, sends us circular describing his matings, which consist of three fine pens all headed by high scoring males and containing females of equal quality. He also has several utility matings and is prepared to furnish you day-old chicks from any of these pens at reasonable prices.

CLASSIFIED ADS

UNDER this heading ads will be inserted for six cents per word each month for less than three months, and four cents per word each insertion for three months or longer. Changes in copy allowed every three months. Numbers and initials count as words. All ads will be inserted under classified headings. No ads accepted at less than an average of fifty cents per insertion. Terms, cash with each ad. Count the words carefully to avoid delay in publishing. Write your copy plainly, as upon this the correctness of your ad largely depends. When placing your ads remember that advertisers of Classified Ads get better returns from AMERICAN POULTRY JOURNAL than from any other poultry journal—none excepted. On writing any of these advertisers mention A. P. J.

ALL COPY FOR CLASSIFIED ADS MUST REACH US BY THE 19th OF THE MONTH PRECEDING DATE OF ISSUE

PLYMOUTH ROCKS.

BARRED PLYMOUTH ROCKS. Matings. E. B. Thompson strain. Farm raised eggs, 75c 15; \$1.00 per 30; \$3.00 per 100. Mrs. Wesley Jones, Lancaster, Mo. 4-1

BRED TO LAY. BARRED ROCKS eggs that seldom run less than 90% fertile from healthy stock on free range. \$1.50 per 15; \$4 per 45; \$6 per 100; cockerels, \$2 each. H. W. Taylor, Route 7, Berlin, Md. 4-2

BARRED PLYMOUTH ROCKS exclusively. Choice stock. Eggs \$2.00 for 13; \$3.50 for 26; \$10.00 for 100. Send for circular. Aug. Krueger, Roxbury, Conn. 4-3

BARRED ROCKS. Heavy layers. Exhibition quality. Stock from winners at Pittsburg, Cleveland and Chicago. Eggs, \$2.00 per 15. C. M. Guesinger, Shelby, Ohio. 4-3

"RINGLET" BARRED ROCKS. Eggs from prize winning stock, \$2 per 13. Geo. W. Swesey, Rockland, Ohio. 4-3

FOR SALE.—Barred Rock cockerels, both matings, from Owens' Farms. Best eggs three to five dollars. Mrs. David Parsons, Beach Park, Ohio. 4-1

BOWKER'S BARRED ROCKS have the winning habit. Get eggs from us at \$3 per 15; \$5 per 30, that will produce prize winners. Utility eggs, \$1.50. Bowker Poultry Farm, Dublin, Indiana. 4-3

BUFF PLYMOUTH ROCK EGGS. "Burdick strain," vigorous birds, \$1.50 and \$2.00 per 15. A. V. Hagerman, Heyworth, Ill. 4-3

WHITE ROCKS FROM FISHEL Best Show Birds. Eggs and Chicks. Booklet Free. B. C. Thompson, Elmira, N. Y. 4-3

BARRED ROCKS. Thoroughbred, 15 eggs \$1.00; 50 eggs \$2.50. O. S. Syfert, Herrick, Ill. 4-1

LARGE SNOW WHITE P. ROCKS.—Exhibition, trap-nested, record layers, 200 eggs per year. Eggs, 15, \$2; 50, \$5; 100, \$8. Safe delivery; good hatch guaranteed. Stock for sale. Mrs. H. H. Wadsworth, Waynesville, Ohio. 4-2

EGGS.—CHICKS hatched from my White Rock eggs are White. Other qualities received from parental stock are perfect health, vigor, size, shape and the ability to make good. Write Herbert H. Haskin, Robinson, Ill. 4-1

HIGH CLASS WHITE ROCKS. Charles E. Schofield, Marshall, Mich. 4-3

BARRED AND BUFF ROCKS Eggs. Large, vigorous and of the highest quality. Bred to standard requirements. Egg producing strains. Lowest prices. L. Squire, Box 670, Bentleyville, Pa. 4-3

BUFF ROCKS, prize pen, 15 eggs, \$1.50; 13 baby chicks, \$2. 21 years' experience. Satisfaction guaranteed. Sarah Houston, Mercer, Mo. 2-3

BARRED ROCKS, Bradley strain. Eggs, \$2 per 15; \$3.50 per 30. Guarantee 10 chicks. First cockerel Bushnell, 92 1/2 points. Second cock Macomb and Canton. Edwin C. Laux, Bushnell, Ill. 3-4

"LARGEST" BARRED ROCKS in the world. Hens 10 lbs., score 93, line bred; every bird guaranteed scored over 90, by Heimlich, McCord, Pierce, H. P. Schwab. Largest exclusive Barred Rock farm in Illinois. All orders promptly filled. Eggs, \$1.50 15; 3 settings, \$3; \$6 100. Luther J. Hall, Kenney, Ill. 4-2

FISHEL WHITE ROCKS. Eggs \$1.50; fine cockerels, \$2.50. Misses Taylor, Somerville, Tenn., Route 5. 4-2

BLACK PLYMOUTH ROCKS, the most beautiful of feathered tribe. Eggs for hatching. Write for circular. Clover Leaf Poultry Farm, Armstrong, Ill., S. M. Baker, Owner. 4-2

PARTRIDGE PLYMOUTH ROCK eggs, \$1.50 per 15. Satisfaction guaranteed. Fred Kypke, Lake Mills, Wis. 4-3

"BARRED PLYMOUTH ROCKS"—KNOXALL STRAIN.—Matings the best, first prize males head our pens. Eggs \$1.50 and \$2.50 for 15; satisfaction guaranteed. Woodlawn Poultry Farm, Nashville, Ark. 4-3

BARRED ROCKS. Eggs \$1.50 per 15. Thompson strain. Ed Schmiedemann, Lake Mills, Wis. 4-3

RINGLET BARRED ROCK eggs, 75c setting. A. Bentley, Harvard, Ill. 4-2

BUFF ROCKS.—NUGGET STRAIN. Eggs, \$2.00 and \$3.00 per 15. Brew, 2615 East 77th St., Chicago. 4-1

RACEY'S BARRED ROCKS will please you; 18 years with this variety. Eggs, 15 for \$1.00; 30 for \$1.75. Jos. L. Racey, Arbela, Mo. 4-3

BARRED AND WHITE PLYMOUTH ROCK eggs, \$1 per setting. Mrs. John A. Jewell, R. 8, Decorah, Iowa. 3-3

RINGLET BARRED PLYMOUTH ROCK eggs from my finest matings, \$2.00 per 15. John Dixon, Hazel Green, Wis. 4-3

WHITE ROCK EGGS, \$1.50 per 15; \$2.50 per 30. L. C. Gass, Marion, Ky. 4-3

HIGH-CLASS WHITE ROCKS (FisHEL strain). 15 eggs, \$1; 100, \$5. Henry Heitkamp, New Bremen, O. 2-3

WHITE PLYMOUTH ROCKS eggs, 15, \$1; 100, \$5; satisfaction guaranteed. John Garner, R. 2, Box 98, Dexter, Mo. 3-3

BUFF ROCKS. TWO PENS. Pen No. 1, 15 eggs, \$1.50; 30, \$2.50; 100, \$6. Pen No. 2, 15, \$1; 30, \$1.50; 100, \$5. L. J. Libby, Oelwein, Iowa. 3-3

BARRED PLYMOUTH ROCKS. E. B. Thompson's strain; line bred; 26 eggs, \$1; \$3.50 per 100. Satisfaction guaranteed. Ben Custer, R. 9, Madison, Ind. 3-3

BRADLEY STRAIN BARRED ROCKS, 15 eggs, \$1. Correspondence solicited. Levis Heights Farm, Freedom, Pa. 2-3

BUFF ROCKS. Eggs, 15, \$2. Good birds, royal stock. Rev. W. Cunningham, Athens, Ill. 3-3

FOUR PENS STANDARD BRED BARRED Plymouth Rocks. Each heads a winner scoring 94 points. Eggs, \$1.50 per 15; \$3.50 per 50. William Smith, Liberty, Ind. 3-3

BARRED PLYMOUTH ROCKS. How does this sound? First and second pullets, third and fourth hen Indianapolis state show, Feb., 1910. Won first pullet, fourth hen at the same show in 1909. At Springfield, O., first and second hen, second cockerel, third pullet, first pen, Jan., 1910, silver cup. At Springfield, O., first pullet, first cockerel, third cock, first pen, 1909, silver cup. Eggs, \$3 for 15. H. W. Barnett, 27 Bushnell Bldg., Springfield, O. 3-3

BARRED ROCKS, BLUE BELL STRAIN. Show winners; none better. Eggs worth \$5 at \$1.50 per 15; also fox terrier pups. T. H. Kalderberg, Pella, Iowa. 3-2

RINGLET BARRED ROCKS, grand in shape, size and color. Bred to lay. Prize-winners. Breeder 23 years. Finest matings of my life. Fine Ringlet cockerels for sale. Egg circular free. W. D. Cox, Joplin, Mo. 3-3

BARRED ROCK EGGS, Owen's Farm and Hawkins strains. First prize winners and unusually fine stock. Eggs, \$1.50 per setting; two settings, \$2.50. Everett M. Whittemore, Box 246, Putnam, Conn. 3-3

BARRED ROCKS, EXCLUSIVELY. Pens headed by fine males whose mother's pullet year record exceeds 200 eggs. Eggs from best matings, \$1.50 per 15. C. A. Newcomb, Celina, Ohio. 3-3

UTILITY BEAUTY BRED COLUMBIAN Rocks. My own breed. Prize winners the Great Mid-West Poultry Show, Chicago, Dec., 1909. Eggs, \$5 and \$10 per 15 eggs. Mrs. R. A. Judy, R. 2, Decatur, Ill. 3-3

'001 Jod f\$ '1\$ Jot 91 'SOGG NJOH GETHVH
Baby chicks, 10c each. Chas. Eichhorn, Barnesville, Ohio. 3-3

BARRED ROCK eggs for hatching, \$2 per 15, either mating; satisfaction guaranteed. Geo. L. Hart, R. 1, Princeton, Ill. 3-3

BUFF ROCKS. Eggs from my finest exhibition matings, \$2 and \$3 per 15. Also eggs from my FisHEL's strain White Wyandottes at \$3 per 15. J. E. Keisling, Brownstown, Ill. 3-3

EGGS—Barred Plymouth Rock, Bradley, Kings, 15, \$1.50. E. Durston, New Windsor, Ill. 3-3

BARRED ROCKS of Thompson's and Hawkins quality stock. Eggs, \$1.50 per 15. Guaranteed. Otis K. Hobbs, Kirbyton, Ky. 3-2

RINGLET BARRED ROCKS. Breeding stock, direct from E. B. Thompson. Eggs from prize-winning pens. Cockerel or pullet matings, 15 eggs, \$1.75; 30, \$3. Mrs. E. A. Oliver, Belleville, Wis. 3-3

WHITE PLYMOUTH ROCKS EXCLUSIVELY. FisHEL's strain direct. Large, beautiful pure white birds scoring to 94. Eggs, \$1.50 per 15. Stock for sale next fall. Free circular. Merton Cox, Manchester, Iowa. 3-3

WHITE ROCKS, FISHEL'S. The kind that win and lay. Eggs, \$1.50 and \$2.50 per 15. John Beetz, Harvey, Ill. 3-3

WHITE ROCKS, Vigorous, beautiful, pure bred birds that please. All year round layers. Eggs from carefully selected matings, \$2 per 15; \$8 per 100. No stock. Mrs. John Douglas, R. 2, Mt. Sterling, Ohio. 3-3

BRADLEY BARRED ROCKS. One pen from Bradley's direct; \$3 for 15 eggs. Mating list free. M. S. Barker, Box 20, Thorntown, Ind. 3-3

BARRED PLYMOUTH ROCKS. Ringlet strain matings from E. B. Thompson. Eggs, \$1.50 per 15. Oliver Weaver, R. 1, Clinton, Ill. 3-3

EXHIBITION BARRED ROCKS. Ringlet direct, sold on approval, \$1.50 to \$5 each; five females and male, \$10; cockerel and pullet mating setting best eggs, \$2; 100 incubator eggs, \$5. Circular. John Norton, Clare, Mich. 3-3

"RINGBAR" BARRED ROCKS. Utility and prize winners. Eggs very reasonable. W. H. Eldredge, Plymouth, Wis. 3-3

SINGLE COMB BUFF ROCKS exclusively. Scored stock for sale. Eggs in season. Write your wants. Noah Blackford, R. 1, Mill Shoals, Ill. 3-2

26 EGGS, \$1; \$3.50 per 100. Thompson's Ringlet strain of pure bred Barred Plymouth Rocks. Write for circular. Frank Moore, Madison, Ind. 3-3

FARM RAISED WHITE ROCKS. Eggs for sale from big-boned, vigorous birds; the best of winter layers. Pens headed by six fine cockerels, weighing 8 to 9 lbs. You can get fertile eggs here, \$1.50 per 15; \$4 per 50. R. G. Vasey, R. 1, Jacksonville, Ill. 3-3

WHITE PLYMOUTH ROCKS—At Kankakee show, January, 1910, won 2 blues, 3 reds. Scored stock of excellent quality for sale at very reasonable prices. Write E. A. Hayward, Cooksville, Ill. 3-3

BARRED PLYMOUTH ROCKS, Bright's strain; good layers; large, vigorous, orchard range. Eggs, \$3.50 for 100; \$2 for 50; \$1 for 15. Laura Michael, R. 6, Dayton, O. 3-3

INTRODUCTION PRICE, EGGS, 75c 13. FisHEL's White Rocks, winners four shows. Get results. Harry Levensgood, Douglassville, Pa. 3-3

QUALITY BUFF ROCKS—Won 1st cockerel, 1st pullet, Trenton, 1909. Eggs, 15, \$2; 30, \$3; 45, \$4. H. Disbrow, Allentown, N. J. 3-3

BARRED PLYMOUTH ROCKS—Leading winners at Uniontown, Somerset and Windber in 1908. Silver cup for best winnings in Barred Rocks. Stock and eggs for sale. Robert M. Weiler, Somerset, Pa. 3-3

B. P. R. THE BREED that lays, hatched March 10, 1909, layed first egg Aug. 3, 1909. Nearly 30 years breeding for eggs and size. Stock from this strain for sale, young and old. Zebulon Rose, Thiells, N. Y. 3-3

BARRED ROCK EGGS from Johnston's National Strain of prize-winners. Best pen headed by first cockerel at Indianapolis, \$5 per 15. S. B. Johnston, Fairland, Ind. 3-2

BARRED ROCK COCKERELS—A few very choice pullet-bred cockerels for sale at less than half their value. Also eggs from choicest matings. Write Geo. H. Bie, Racine, Wis. 3-3

32 PREMIUMS. MAGNIFICENT Barred Rocks, White Wyandottes, Black Minorcas, White Leghorns. Finest layers; pullets, \$1.50 to \$3; eggs, \$1.50 per 15. J. N. May, Marengo, Iowa. 3-3

PLYMOUTH ROCKS.

BARRED PLYMOUTH ROCK EGGS, \$1 per 15; \$3 per 50 and \$5 per 100. E. J. Austin, Pana, Ill. 3-3

GALT'S LARGE WHITE ROCKS a specialty. Eggs, \$1 for 15; \$5 per 100. Miss Louie Galt, Appleton City, Mo. 3-3

BUFF, BARRED AND WHITE ROCKS—Winning 2 silver cups, 21 firsts, 10 seconds, 8 thirds in 2 shows. Eggs from the winners, \$3 per setting of 15. Mrs. F. E. Boyd, Dewey, Ill. 3-3

BUFF ROCK COCKERELS, Gold Medal strain, prizes never shown, prices right. Eggs, \$2 per 15; send for mating list. D. L. Dungan, R. F. D. 1, Hornell, N. Y. 3-2

COLUMBIAN ROCK EGGS—Orders booked from April 1st from prize-winning stock at \$3 per 15, \$5 per 30. L. H. Davis, Port Jefferson, N. Y. 3-3

FAULTLESS WHITE ROCKS. Prize getters. 100 eggs in 125 days. Wm. C. Snider, Kansas, Ill. 3-3

WHITE ROCKS, silver cup winners, mated for best results. Eggs, \$2 per 15. D. Jennings, Clare, Mich. 3-3

BARRED ROCKS, Knoxdale strain; fine barring; won at Findlay. Eggs, 15 for \$3, 30 for \$5. Close Bros., Portage, O. 3-3

BUFF PLYMOUTH ROCKS. Eggs from choice matings, \$1.50 per 15. Harry Bachhaus, New Bremen, Ohio. 3-3

COLUMBIAN PLYMOUTH ROCK EGGS, \$2.50 per 15. George Pinta, Fort Atkinson, Wis. 3-3

WHITE ROCKS (Fishe's). Eggs, utility, 15, \$1.50; 100, \$6. Special mating, 15, \$2.50. Jesse C. Brabazon, R. 3, Delavan, Wis. 3-3

BARRED ROCK EGGS, Thompson strain. Exhibition matings, \$3 per 15. Utility, \$1.50 per 15; \$6 per 100. Mrs. James M. Kemp, Kenney, Ill. 3-3

BUFF ROCKS, "NUGGETS." Won all firsts and seconds at Marion and Mansfield, 1909; Cleveland, 1910, second, fourth and fifth, first pen. Silver cup for best display at Mansfield and Cleveland. Eggs from best matings, \$3 15, \$5 30. An extra fine flock, \$1 15, \$1.75 30; \$1 100. Orders booked for chicks. Miss Nora Kiger, 733 East Center St., Marion Ohio. 3-3

BARRED ROCKS. Thoroughbred. 13 eggs, 75c. Liefie Warren, Vernon Centre, Minn. 3-3

WHITE PLYMOUTH ROCKS. Fishel direct; farm raised; good layers, hen, \$1; cocks, \$2.50; eggs, 15, \$1; 100, \$5. Joe Dowdy, Route 2, Dexter, Mo. 3-3

FOR SALE. White Rock eggs from stock setting 90 to 96. Send for mating list. H. Koerselman, Hull, Ia. 3-3

FISHEL STRAIN UTILITY White Rocks. Eggs, \$2 per 15. Will Weightman, Gilberts, Ill. 3-3

RICHARDSON BARRED ROCKS that lay, win and weigh. Cock, 11¼ pounds, winner in four shows. Eggs, \$1.75 per 15; \$4 per 50. Harry Gray, R. 13, Galveston, Ind. 3-3

BUFF ROCKS, 15 eggs, \$1; 100, \$5. Henry Schowe, Jr., New Bremen, O. 3-3

PURE NUGGET BUFF PLYMOUTH ROCK eggs from state winners. The best I ever had. Four exhibition matings, eggs, \$3 per setting, straight. Evergreen Poultry Farm, R. W. Ward, Prop., Normal, Ill. 3-3

BARRED PLYMOUTH ROCKS (exclusively). Four grand matings. Eggs, \$2 15, \$8 100. Stock for sale. H. H. Loutzenhiser, Danville, Ill. 3-3

NUGGET BUFF PLYMOUTH ROCKS—Fine shape and solid Buff Color; heavy laying strain. Eggs, \$1, \$2, \$3 per 15; \$6, \$10, \$15 per 100. William Schott, Holyoke, Mass. 3-4

OUR BARRED AND BUFF ROCKS are good layers and weighers. Fifteen eggs, \$1.50; forty-five eggs, \$3. H. E. Weaver, R. 2, Silverlake, Ind. 3-3

BARRED ROCKS, BRADLEY BROS. and E. B. Thompson's strains, winners of four firsts on four entries at Middletown, N. Y. Choice eggs, \$1 per 13 or \$6 per 100. Baby chicks, 15c apiece after May 1st. B. Rhodes, Port Jarvis, N. Y. 3-3

BARRED ROCKS—My birds have again proven their superiority by winning for myself and customers at leading shows. Exhibition females a specialty. Write for circular. H. B. Cook, Kipton, O. 2-3

WHITE PLYMOUTH ROCKS. Eggs for sale from select stock, bred for color and weight, \$5.00 per 100; \$1.25 per 15. For further information write C. F. Long, Waggoner, Ill. 2-3

WHITE PLYMOUTH ROCK EGGS for sale from large, pure white, healthy, farm-raised birds, with true Rock shape. Great layers. \$1.25 per 15, \$6 per 100. Mrs. Walter Cline, R. R. No. 1, Versailles, Mo. 2-3

BRED-TO-LAY, trap-nested Barred Rocks, pullets and cockerels. A. Iiten, 567 Carroll St., Freeport, Ill. 2-3

FISHEL'S STRAIN WHITE ROCKS, exclusively cockerels and cocks, \$1.50 up; hens and pullets, \$1 up. Plenty of fresh eggs, \$5 per 100. Mrs. J. A. Goll, Dalton, Mo. 2-3

RINGLET HILL POULTRY FARM prize winning Barred Plymouth Rocks. Eggs \$3 a sitting, \$8 per 100. Fred Longnecker, Cayuga, Ill. 2-3

FIFTEEN YEARS WHITE ROCKS exclusively. World's prize winning, trap-nested strains. Our birds won Cleveland, Cincinnati, scoring 95%. Eggs, 5 to 25 cents apiece. Choice cockerels \$1 up. Fancy stock, farmers' prices. Catalog free. Ronald Smelker, New Madison, Ohio. 2-3

WHITE ROCKS. Exclusively strong, healthy, Standard bred. Eggs \$1 per 15, \$4.50 per 100. Ben Jasper, Washington, Mo. 2-3

HERE WE ARE WITH White and Barred Rock eggs for hatching at Burket's Poultry Farm, Route 1, Frenchtown, N. J. 2-4

CLOUGH'S WHITE ROCKS always winners Milwaukee, Waukesha, Waukegan and other shows. Stock for sale. Eggs, \$3. First pen score 94½ and better. Second pen \$2. Zion City, Ill. 2-3

WHITE ROCKS, SILVER CUP winners, Fishel strain. Eggs, \$2 for 15. Martin Johnson, Cambridge, Ill. 2-3

WHITE ROCKS, Fishel's, exhibition and utility. Eggs, special matings, \$3 per setting. Other pens, \$2 and \$1. Satisfaction guaranteed. B. W. Russell, Bula, W. Va. 2-3

BARRED ROCKS, THOMPSON AND LATHAM strains, line bred, deep barred, seven pens. Eggs \$1 to \$5 per setting, both matings. Write for mating list. Satisfaction guaranteed. Fred Deihl, Morrisonville, Ill. 2-3

EGGS, MAMMOTH BARRED ROCKS, the big, broad back kind from generation of prize winners, \$2 per 15, \$3.50 per 30. Bradley strain. Satisfaction guaranteed. Mrs. John Platz, Jewett, Ill. 2-3

FOR SALE—BARRED ROCK stock and eggs, pullet or cockerel mating. Catalog upon request. Monahan & Kirby, Box 482, Orleans, Ind. 2-3

EGGS FOR HATCHING 10c each. 200 egg stock of Maine Experiment Station Barred Plymouth Rocks. The best at prices within the reach of all. Free range. The only variety on farm. Vigorous, strong and healthy. O. R. Shearer, R. D. 1, Temple, Pa. 2-4

LOOK—BARRED ROCK COCKERELS, with score card by Heimlich, cheap. I need the room. Eggs, \$2 per 15. Hatch guaranteed. L. A. Nichols, Havana, Ill. 2-3

BARRED ROCKS, Ringlet strain. 100 eggs, \$3.50; after May 15, \$3; eggs from select pen, \$1 per setting. Fred Gilman, Glenbeulah, Wis. 2-3

FISHEL WHITE ROCKS, scoring to 95½. Eggs, 15 \$1.50. George Brown, Burnt Prairie, Ill. 2-3

WHITE PLYMOUTH ROCKS, good stock. Won 15 prizes on 18 entries, Littitz, Millersburg and Sunbury. Cockerels reasonable. Get my prices on eggs before placing your order. It will pay you. R. C. Hinkle, Millersburg, Pa. 2-3

PARTRIDGE PLYMOUTH ROCKS—America's favorites. Pure bred and Rock type. Stock for sale. Eggs two and three dollars a setting. Incubator eggs, ten dollars a hundred. G. A. Potter, Fort Atkinson, Wis. 3-3

WHITE PLYMOUTH ROCKS, exclusively. Fishel strain, stock and eggs for sale. Write for prices. Leslie Pierce, 260 E. Main St., Norwalk, O. 2-3

SNOW WHITE ROCKS. Roosters, \$2, up; hens, \$1, up; eggs, \$1.50 for 15, or \$8 per 100. Geo. W. Cook, Spring Hill, Kan. 2-3

"RINGLET" WINNER LAYERS at one-sixth of eastern prices. Choice breeding pens from \$12 to \$25, both lines. Exhibition and pullet breeding cockerels from \$4 to \$10. Utility cockerels from heavy layers, egg producers, at \$3 and \$4. On approval. Money back if not satisfied. Eggs, \$3 per 15. Standard Poultry Yards, Coal City, Ill. 1-4

WHITE ROCKS, THE RIGHT KIND and right price. Stock and eggs, Fishel strain direct, farm range. Tucker's White Poultry Farm, Ligonier, Ind. 1-4

HAWKINS AND THOMPSONS, Boston and New York prize-winning Barred Rocks. Eggs, pen No. 1, \$2 per 15; pen No. 2, \$1 per 15. H. F. Davis, 2712 Pine, St. Louis, Mo. 1-5

WHITE ROCKS, Mistletoe strain, the undefeated champions. Circular mailed free. Write postal today. Mary Noland, Hennessey, Okla. 2-3

BUFF ROCKS, best utility strain. Cockerels and eggs reasonable. H. L. Ragsdale, Centralia, Ill. 2-3

GOLDEN BUFF AND SILVER PENCILED Rocks, the champions of America. First prize winners at Chicago. Stock for sale. Eggs, \$3 setting. Catalog free. P. C. Jungels, Box A, Lemont, Ill. 2-3

WHITE ROCKS—Better than ever. No incubators or brooders used—natural way. Fine, healthy stock for sale. Eggs \$5 100. Fishel-Van Orsdale strains. Satisfaction guaranteed. James T. Jones, Darlington, Md. 2-3

BARRED ROCK EGGS, E. B. Thompson strain. 15, \$1; 30, \$1.50; 100, \$4. E. P. Churchill, Allerton, Ia. 2-3

BUFF PLYMOUTH ROCKS, bred to win. Mated for best results. Eggs \$2.50 per 15. T. C. Moots, Dana, Ill. 2-3

BUFF ROCKS—Eggs, 15, \$1; 45, \$2.50; 100, \$4.50. Wm. Hilands, Culver, Kan. 2-3

EGGS FOR HATCHING from our best pens of White Rocks at \$2.50 for 15. Layers and payers. High scoring birds. Fertility guaranteed. Sheffield White Rock Farm, Sheffield, Pa. 2-3

"BARRED PLYMOUTH ROCKS" (cockerel line exclusively). I have mated only three pens of this the finest strain of cockerel breeders in the south. Eggs \$2.50 per 15. Clarence Young, Sweetwater, Tenn. 2-3

WHITE PLYMOUTH ROCKS, Fishel's direct. Eggs, 15, \$1; 100, \$5. Jordan Howell, Dexter, Mo. 2-3

LOOK! COLUMBIAN ROCK eggs for hatching. Circulars free. Hartsock Bros., Cardington, Ohio. 2-3

BUFF ROCKS—Egg orders booked now from winners at Buffalo, Philadelphia, Allentown, Bridgeton, Sellersville at \$2 and \$3 per 15. Chas. Kremer, Souderton, Pa. 2-3

WHITE PLYMOUTH ROCKS, show or utility. Great layers, large, vigorous, healthy. Eggs \$3 per 15, \$15 per 100. Infertiles replaced. Cedarcrest Farm, Ward Hill, Mass. 2-3

EGGS FOR HATCHING—Large farm grown Barred P. Rocks exclusively. My birds are mated with the famous Ringlet cockerels. Best mating, \$1.50 per setting. W. M. Mickey, Greencastle, Pa. 2-3

ROCKS—BIG, SOLID BUFFS, winners. Stock for sale. Eggs \$2 setting, guaranteed. George Bartlett, Seymour, Ind. 2-3

QUALITY WHITE ROCKS—Eggs, choice mating, \$3 setting. Stock. Walter Austin Wagner, Middletown, N. Y. 2-3

BUFF ROCKS, prize pen, 15 eggs \$1.50; 13 baby chicks, \$2. Few choice cockerels. Satisfaction guaranteed. Sarah Houston, Mercer, Mo. 2-3

RINGLET BARRED AND NUGGET Buff Rocks of superior breeding and quality. Eggs from our finest matings. \$1.50 per 13, \$3 per 30. H. E. Kipp, Red Hook, N. Y. 2-3

WORLD'S BEST WHITE ROCKS. Booking orders for eggs. \$2 per 15. Dr. J. W. Kistner, Berrien Springs, Mich. 2-3

BARRED AND WHITE PLYMOUTH Rocks, Bradley and Fishel strains. Embden Geese, first prize winners at leading shows. Special sale on cockerels, \$2.00 and up. Wm. H. Fathauer, Moweaqua, Ill. 10-09-8mos. 2-3

BUFF ROCK EGGS from extra good birds, \$1.50 and \$2 per 15. General flock, \$4.50 per 100. Samuel Elkins, R. 10, Montpelier, Ind. 3-3

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburgh, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr. 2-3

WHITE WYANDOTTES, DUSTON STRAIN, from prize winners; none better. 15 eggs, \$1.25; 30, \$2. Wm. Schreck, Waterloo, N. Y. 4-1

I AM NOW BOOKING egg orders for thoroughbred Partridge Wyandottes; \$5.00 per setting of 15; \$5 per 30. F. M. Fixmer, Harper, Iowa. 4-1

BLACK WYANDOTTES.—New York winners. Eggs, \$3.00; two settings, \$5.50. F. C. Wilbert, Madison Square Station, Grand Rapids, Mich. 4-2

COLUMBIAN WYANDOTTES. Eggs for hatching from four fine pens. Fifteen, \$2.00; thirty, \$3.50; fifty, \$5.00. F. M. Griswold, Lakemills, Wis. 4-3

WYANDOTTES.

PRIZE WINNERS.—Partridge Wyandottes. Stock and eggs for sale. Eggs, \$3 per 15. G. A. Roberts, Warren, Ind. 4-2

SILVER LACED WYANDOTTE Specialist. Won over 100 prizes since 1904. Eggs, \$2 per setting. Helfrich Bros., Hammond, Ill. 4-2

WHITE WYANDOTTES.—Choice cock, cockerels, \$5 to \$25; hens, pullets, \$3 to \$15. Setting eggs, my best, \$5 per 15. None better; utility, exhibition combined. J. H. Frances, Peoria, Ill. 4-3

BUFF WYANDOTTE eggs for hatching, \$2 per 15. A. M. Haines, Plato Center, Ill. 4-3

COLUMBIAN WYANDOTTES. The best winter layers on earth. Fine stock for sale. Eggs, \$2 setting. Write me. A. B. Wolf, Mt. Vernon, Ill. 4-3

SILVER WYANDOTTES.—30 RIBBONS on 30 entries at Scranton and Madison Square Garden, including 12 firsts, 13 seconds in competition with World's Best. Eggs, \$3.00 per 15. W. E. Samson, Kirkwood, N. Y. 4-3

WHITE WYANDOTTES, exclusively. Fine birds mated for best results. Eggs, per setting, \$3; two settings, \$5. L. M. Bremer, Port Washington, Ohio. 4-3

WHITE WYANDOTTES, DUSTON Regal Strain. Won every first but one at Coshocton, Gadenhutzen, Newark, in strong competition. 10 years a breeder; two grand pens. Eggs, \$2.00 per 15. Frank Retzler, Roscoe, Ohio. 4-1

PROSPECT POINT, THE HOME of high class Columbian Wyandottes. Prize winning stock. Beauty and utility combined. Eggs from 1st pen, \$3.00; 2nd pen, \$2.00; 3rd pen, \$1.50 per setting of 15. Mrs. H. M. Paul, Wyandot, Ill., Box 308. 4-3

PARTRIDGE WYANDOTTES.—Silver cup, Chicago, for best display; American Poultry Association diploma, best cockerel. Also big winners, Detroit and Toledo. Stock and eggs. Circular. Dr. Baskerville, Mt. Pleasant, Mich. 4-3

BUFF WYANDOTTES. Eggs from prize winning stock, \$1.50 per 15. S. M. Keltner, Anderson, Ind. 4-3

SILVER LACED WYANDOTTES exclusively for nine years. Several birds in shows this year, lowest scored 93. Eggs, \$2 per 15. A. B. Yarnell, Freeport, O. 4-1

WHITE WYANDOTTES.—Choice stock, heavy winter layers. Winners when shown. Eggs by setting only. Satisfaction guaranteed. Correspondence solicited. Write me. G. E. Parker, 316 Baty St., Elmira, N. Y. 4-3

COLUMBIAN WYANDOTTES, EXCLUSIVELY. Large, vigorous birds, fine markings. Eggs, \$5.00 per setting of 15. Fred Nest, Kewanee, Ill. 4-1

HIGH CLASS WHITE WYANDOTTES EXCLUSIVELY. Eggs, \$2. M. J. Porter, Bardwell, Ky. 4-3

PARTRIDGE WYANDOTTES. Eggs, \$1.50 per 15. Satisfaction guaranteed. Ed Schmiedemann, Lakemills, Wisconsin. 4-3

DUSTON WHITE WYANDOTTES. Eggs, \$1.50 for 15. F. I. Ross, Clare, Mich. 4-2

BUFF WYANDOTTE EGGS, from show birds. Write for circulars. Albert Walters, Sycamore, Ill. 4-3

CHOICE SILVER WYANDOTTES, reasonable. Eggs from Springfield, Atlanta and St. Louis winners, \$1.50 per 15, \$7 per 100. Mrs. Louise Schroeder, Chestnut, Ill. 4-1

REGAL STRAIN White Wyandotte eggs for sale from prize winners. Large blocky birds, with snow white plumage; eggs, 15, \$2; 100, \$6. 4-3

WHITE WYANDOTTES. Perfection strain; eggs, \$2 per setting. J. C. Lauther, Three Oaks, Mich. 4-3

WHITE WYANDOTTES exclusively. Fishel strain for 7 years. Our stock scores up to 95½. Eggs, \$2.50 for 15. R. H. Arthur, Dodgeville, Wis. 3-3

SILVER LACED WYANDOTTES—First cockerel; 1st and 2d pullet at the Iowa State Fair, 1909. In pen, 1 hen, 94 points, by Judge Holden; 2 pullets, 93½; 2 pullets, 93½; 1 pullet, 92½; and one pullet, 93, by Judge Ellison. Eggs, \$2 per 15. James W. Adams, Webster City, Ia. 3-3

WHITE WYANDOTTES, exclusively; fine stock; eggs, \$2. C. E. Ewell, Milan, O. 3-3

WHITE WYANDOTTES—Winner of silver cup at Decatur, Ill., 1910. Incubator eggs, \$5 per 100. Special matings, \$3 per setting. Mrs. John A. Record, R. R. 2, Decatur, Ill. 3-3

WHITE WYANDOTTES exclusively. Seventh year. Farm range. Eggs, 75c per 15, \$4 per 100. Mrs. O. Parmeter, Concord, Mich. 3-3

PRIZE WINNING COLUMBIAN Wyandottes at this year's Cleveland show—1st cock, 1st and 4th cockerel and pullet from Chicago, Columbus and Cleveland former winners. I can take care of a high class egg trade and am booking orders. High class stock for sale. C. A. Hamilton, R. F. D. 1, Plymouth, O. 3-4

WHITE WYANDOTTES—Perfect in shape and color; Duston strain; score, 93 to 96½. Line Bred; 11 years. Eggs, \$1.50 and \$2; cockerels, \$3. Satisfaction guaranteed. Chas. F. Thomas, Galveston, Ind. 3-3

WHITE WYANDOTTES—EGGS from good stock, \$2 and \$3 setting. Fairview Poultry Farm, Box 15, Station D, Baltimore, Md. 3-3

COLUMBIAN WYANDOTTES (Originator Eureka strain). Pay trifle more and get best there is. Choice eggs, \$2, \$3, \$5 per 15. Reduction on larger lots if wanted. A. Sherman, Chicopee Falls, Mass. 3-3

\$1 PER SETTING for Columbian Wyandotte eggs from prize winners. Write for photos. H. G. Schoening, Dayton, O. 3-3

PEERLESS WHITE WYANDOTTES—Get only the best eggs from pen of Standard bred, stay white, heavy laying strain, \$2 per 15, \$3.50 per 30. W. J. Stange, Park Ridge, Ill. 2-3

VERGEROUT'S WHITE WYANDOTTES—Trios, \$4. Eggs, \$1.75. Best pen, \$2.50. H. R. Vergerout, Montfort, Wis. 3-3

DUSTON WHITE WYANDOTTES exclusively. Pen headed by son Madison Square cock, with 210 and over egg hens. Snow white. Mating list. H. C. Daugherty, Anderson, Ind. 3-3

SILVER LACED AND WHITE WYANDOTTES—Kansas City winners. Fine stock for sale. Prices right. A. & E. Genser, Gilliam, Mo., Box 571. 2-3

WHITE WYANDOTTES. Pen scoring from 93 to 95½. Heimlich eggs and stock for sale. Raymond Falter, Janesville, Wis. 3-3

WHITE WYANDOTTES—Fishel utility hens mated with Duston strain cockerels. Hardy, early maturing, early laying, vigorous fertility. Eggs \$2.50. Stock for sale. Mrs. Fred Meyer, 1738 N. Rockwell St., Chicago, Ill. 2-3

WHITE WYANDOTTES—Good layers; eggs, \$1.50 per 15; \$2.50 per 30. Frank C. Pietsch, R. 4, Bloomington, Ill. 3-3

SILVER LACED WYANDOTTES, 2d and 4th pullet on 2 entries Indianapolis show. Eggs, \$2 per 15. Clyde Williams, Parker, Ind. 3-3

PARTRIDGE WYANDOTTES—Eggs for hatching, 15, \$2; 30, \$3. John W. Seyfer, Mt. Pleasant, Ill. 3-3

SILVER LACED WYANDOTTES—Winter layers, 15 eggs, \$1.25. James Roberts, New Windsor, Ill. 3-3

BUFF WYANDOTTES exclusively. Eggs from fine stock, \$1 per 15. Earl B. Morris, Signal, Ohio. 3-3

WHITE WYANDOTTES bred from great laying strain, and prize winning stock, having unlimited range; that means good, strong chicks. Eggs, \$1.50 per 15, \$5 per 100. Choice stock and White Holland toms for sale. All eggs guaranteed fresh, with good shape and shell. H. W. Anderson, Stewartstown, Pa. 3-3

WHITE WYANDOTTES—Buy direct from the originator of the famous Wonder Strain. Same old guarantee, your money back if not perfectly satisfied. Eggs from birds that have won this winter, and former shows. Per 15, \$3.00. Pen No. 2, \$2, including 4 eggs from pen No. 1. L. B. McDonald, 425 Catherine St., Springfield, Ohio. 3-3

SILVER LACED WYANDOTTES—Eggs for hatching, \$2 per 15, from an elegant mating, selected from the great winning Silver King & Samson strains. J. M. Holt, Marshalltown, Iowa. 3-3

COLUMBIAN WYANDOTTES. Large, healthy, fine layers and show birds. Eggs and stock at moderate prices. Ill. circular. Willows Poultry Yards, R. F. D. 2, Long Beach, Cal. 3-3

WM. FICK, BREEDER of Prize Winning White Wyandottes. Stock and eggs for sale in season. Grant Park, Ill. 3-2

SNOW WHITE WYANDOTTES, with red eyes and yellow legs. Carry blood of 200 to 272 egg ancestry. Good size. They lay and win. Eggs, \$2 per 15; \$5 per 100. Calvin Norman, R. 2, Dexter, Mo. 3-3

WHITE WYANDOTTE eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

BUFF WYANDOTTE EGGS, \$2 per setting of 15 from show stock. P. M. Klinefelter, Morrisville, Ill. 3-3

BUFF WYANDOTTES—Good shape and color; heavy laying strain. Eggs from four fine pens. \$2.00 per 15; \$10 per 100. William Schott, Holyoke, Mass. 3-4

COLUMBIAN WYANDOTTES of quality. Eggs, \$2 per 15. B. McBride, 615 Sheridan Ave., East Liverpool, Ohio. 3-3

PARTRIDGE WYANDOTTES—Sixty-six ribbons and specials at eight leading shows. Two shows, each with over ninety-five entries competing in class. Three silver cups. Three firsts. Three National Partridge Wyandotte Club ribbons, and the Buffalo Gold-Special at Buffalo International. Fifteen prizes, Guelph, Canada's greatest show, with nearly five thousand entries. Mating list ready, sent on application. Frank Glass, London, Canada. 3-3

FINEST STRAINS GOLD AND SILVER Wyandottes. None better. Winners. One choice pen of each, limited number of eggs, \$2 for 15. A few good pullets for sale. J. H. Lowry, Hedgelawn Farm, Smithfield, O. 3-3

MY STRAIN of COLUMBIAN Wyandottes are built from two greatest strains in the United States. Eggs, \$2.50 per 15; \$4 per 30. A few choice cockerels left. Write me. R. Vandervort, Keyesport, Ill. 3-3

PARTRIDGE WYANDOTTE eggs, \$1.50 for 13; \$3 for 30. John Burkhardt, Orland, Ill. 3-3

BUFFS ONLY. Eggs from standard bred and scored stock, \$1.50 per 15. Vigor and fertility our special care. Willis Brown, Slippery Rock, Pa. 3-3

SILVER LACED WYANDOTTES exclusively. 15th year. Prize winners. Farm raised stock. Eggs from exhibition matings, \$2 per 15; \$3.50 per 30. Satisfaction guaranteed. A. D. Long, Blooming Glen, Pa. 3-3

PRIZE WINNING BUFF Wyandottes. Stock and eggs. Reasonable. E. W. Sittler, Pittsfield, Ill. 3-3

COLUMBIAN WYANDOTTES, ARNOLD STRAIN direct. Well striped, fine combs, Wyandotte shape. Eggs, \$2 per 15; \$3 for 30. F. H. Yarnall, Pottstown, Pa. 3-3

WHITE WYANDOTTES, Duston strain. Extra fine, blue ribbon winners at St. Louis, Decatur, Albany and Sheridan. Score, 95½. Circular. 15 eggs, \$1; 50, \$3; 100, \$5. Herbert F. Smith, R. 8, Bluffton, Ind. 3-3

WHITE WYANDOTTE EGGS for hatching from blue ribbon winners, scoring to 96½. (Judge Heimlich.) Write for mating list and prices. Satisfaction guaranteed. Wm. S. Mapes, R. 3, El Dorado, Ill. 3-3

WHITE WYANDOTTE EGGS—Good stock, \$5 per 100, March; later, \$4.50. Russell Simpson, Falmer, Ill. 3-3

SILVER LACED WYANDOTTES exclusively. Pure bred and good layers. Eggs, \$1.50 per 15. Mrs. Julia Martin, Marshfield, Mo. 3-3

SILVER WYANDOTTES exclusively. Cleveland winners. Just a few fine cockerels left. Satisfaction guaranteed. Eggs, \$2. G. F. Stewart, Coshocton, O. 3-3

COLUMBIAN WYANDOTTES exclusively. Large, standard, blocky, vigorous birds; fine markings; direct from noted breeders. Eggs, \$1, 15; \$3, 50. Columbian Wyandotte Yards, Poneto, Ind. 3-3

PARTRIDGE WYANDOTTES Cockerels, \$2; pullets, \$1; eggs, \$3. J. A. Bridges, Evansville, Ind. 2-3

PARTRIDGE WYANDOTTES. My sale of birds bred from Western Poultry Fanciers' Association, Cedar Rapids, Iowa. Remaining birds at special prices. Mrs. Ada Smith, Elsberry, Mo. 2-3

GOLDEN WYANDOTTES—My Golden have won for me at Missouri State, Kansas City and Clinton, Ia., shows. Eggs for sale. Write John Tuttle, Princeton, Mo. 2-4

BUFF WYANDOTTES EXCLUSIVELY. Winners at Minneapolis, Milwaukee, Oshkosh, La Crosse, Marshall and Stevens Point. Birds scoring up to 95. No stock for sale now. Eggs in season. Gladys Poultry Yards, Stevens Point, Wis. 2-3

WHITE WYANDOTTES EXCLUSIVELY. Eggs and stock for sale. Eggs from 2 pens. Pen No. 1, score 94 and over; pen No. 2, 92 to 94. Prices reasonable. Wm. I. Blake, Kewanee, Ill. 2-3

COLUMBIAN WYANDOTTES—A few select birds left. Stock and eggs at one-half price until everything is sold. Earl Cook, Munnsville, N. Y. 2-3

WHITE WYANDOTTES EXCLUSIVELY—Duston, large, blocky, farm range. Eggs, 15, \$1.25; 30, \$2; 50, \$3; 100, \$5. Wm. Galbraith, Route 12, Chambersburg, Pa. 2-4

GOLDEN AND SILVER Wyandottes. Eggs from prize winning stock. \$1 per 15. Satisfaction guaranteed. C. E. Hathaway, Barnes, Pa. 2-3

SILVER LACED WYANDOTTES, cockerels. 15 eggs \$1.50 after May 1. C. R. Richmond, Dunlap, Ill. 2-3

WYANDOTTES.

BUFF WYANDOTTES EXCLUSIVELY. Nothing better for beauty or utility. Choice cockerels, \$1.50 and \$2; fine trios, properly mated, \$5. Bred from prize winners. Piser strain. Eggs \$2 setting. J. Acocks, Arcadia, O. 2-3

BLACK WYANDOTTES—Boston. New York, Chicago, Cleveland winners. Splendid layers. Eggs \$3 and \$5 per 15. Howard Grant, Marshall, Mich., Box C. 2-4

WHITE WYANDOTTES, Mapleside strain. Eggs, 15 for \$1.50, 50 for \$4. Chicks, 10 to 50, 20c each; 50 or more, 15c each. Satisfaction guaranteed. Brookside Poultry Farm, Chambersburg, Pa., R. D. 1. 2-3

COLUMBIAN WYANDOTTES—In the big Boston Show, January, 1910, we got 4th pen, 22 pens competing. Come to us for the real article. O. F. Black & Son, Jefferson St., Newton, Mass. 2-3

COLUMBIAN WYANDOTTES OF HIGH GRADE. Beauty and utility combined. Few breeders for sale. Eggs from carefully selected matings that will produce beautiful and profitable chicks. \$2 per 13. Geo. H. Damon, Reading, Mass. 2-3

BUFF WYANDOTTES—A few late pullets at \$2.50 each. Egg orders booked now, \$1.50, \$2.50 and \$5 per setting. Robt. Kundert, Monroe, Wis. 2-4

WHITE WYANDOTTES EXCLUSIVELY 9 years. Duston strain direct, standard weight, shape and color, heavy layers, scoring to 96, cup winners. Eggs, \$1 15, \$3 50, \$5 100. Frank Hardwidge, Poneto, Ind. 2-3

WHITE WYANDOTTES, heavy layers, winners. Eggs, 15 \$1. Rev. Charles Powell, Marion Center, Pa. 2-3

PARTRIDGE WYANDOTTES—Eggs \$1 for 15. Circular free, giving show score. Wm. Sureau, Uhrichsville, O. 2-3

SILVER WYANDOTTES—Winners for ten years under Hewes, Russell, Heimlich, Butterfield, Rhodes at St. Louis, East St. Louis, Bellefield. Red bred. Catalog. Eggs, \$2 for 13. R. P. Briegel, Columbia, Ill. 2-3

WHITE WYANDOTTES, the very best, pure white, good eyes and combs, great layers. Eggs, pen, \$2 per 15; range, \$1 per 15. Mrs. O. E. Harmon, Liberal, Mo. 2-3

COLUMBIAN WYANDOTTES—If you want good ones, we have them. Won 4 firsts, 2 seconds on 6 entries. We guarantee satisfaction. Eggs \$1.50 per 15. Weisn & Son, Greencastle, Pa. 2-3

EGGS FROM PRIZE WINNING Buff, Partridge and Columbian Wyandottes. Cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

HOLCOMB'S COLUMBIAN WYANDOTTES, winners at Boston, Hamburg (N. Y.), Bradford, Titusville, and Warren (Pa.). Stock for sale; bred from the above winners. Eggs, \$2.00 to \$3.00. Dr. F. B. Holcomb, Cherry Creek, N. Y. 2-3

PARTRIDGE WYANDOTTES. Winners at Iowa state, Des Moines, Iowa Falls. Circular. H. Townsend, Albia, Iowa. 1-4

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-11

LEGHORNS.

THE WINNING STRAIN. Exclusive breeds of Single Comb White Leghorns. Circular free. O. B. Schelling, Leaf River, Ill. 4-1

LEGHORNS. PURE WHITE LEGHORNS ONLY. Beauties. Dollar setting. Questions answered. Emmet Toepp, Gurley Avenue, Troy (North), N. Y. 4-3

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Labor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 4-3

SINGLE COMB BUFF LEGHORNS. Prize winning stock. Eggs, \$1.50 per 15. Lakeside Poultry Yards, North Chicago, Ill. 4-2

SINGLE COMB WHITE LEGHORNS. Young's Strain. None better. Buying from me you get the best laying strain on earth. Eggs, \$2.50 per 15. F. O. Mittag, Lone Rock, Iowa. 4-3

MY SINGLE COMB BROWN LEGHORNS are noted for size, eggs, blue ribbons and silver cups. Special matings, 15 eggs, \$3; 15, \$1; 30, \$1.75; 50, \$2.25; 100, \$4. Miss Maggie Sword, Pekin, Ind. 2-4

ROSE COMB BROWN LEGHORNS—Kuh's 242-egg strain. Prize winners. Bred for size, quality, and egg-production. Eggs, 15, \$1; 100, \$4. R. H. DeVault, Bloomfield, Ia. 3-3

SILVER (DUCKWING) LEGHORNS. Eggs, \$2.00 per 15. Orders booked now. T. W. McClure, Carey, O. 3-3

7 FINE ROSE COMB White Leghorn cockerels, sons of 2nd Chicago cock; also females; guaranteed to please. If you want eggs from the pen that produced Chicago-St. Louis winners, at utility prices, write me. Circular. Thos Brogden, Rush Lake, Wis. 4-1

SETTINGS FROM PRIZE WINNING Buffs. Bred for shape and color. Splendid layers. Settings of 15, \$2.50, \$1.50 and \$1.00. Also have some stock for sale. Martin Barklage, St. Charles, Mo. 4-3

BROWN LEGHORNS, BOTH COMBS. New York and Chicago winners. Mating list. Freedom Poultry Yards, Freedom, Pa. 4-3

SINGLE COMB WHITE LEGHORNS bred to lay, strain of vigorous beauties. Eggs, \$1 per 15; \$2 per 35; \$3 per 55. Infertile eggs will be tested out. This means every egg you get from me will be hatchable. No guess work here. Good size light boxes and cork packing will be used in shipping. This furnishes cushion and even temperature. D. P. Crowley, Lock Haven, Pa. 4-2

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three first, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 4-3

S. C. BUFF LEGHORNS. Five firsts, three seconds, one third at Waterford. Eggs from best pen, \$2.00 per 15. John Grueter, Burlington, Wis. 4-3

SINGLE COMB BUFF LEGHORN eggs, \$4.00 100. John Vaness, South Bend, Ind., R. 5. 4-3

SINGLE COMB BROWN LEGHORNS. Thoroughbred stock; heavy layers. Eggs, \$1 per 15; \$6 100. Guaranteed. Write Frank Fellwock, Monett, Mo. 4-1

ROSE COMB BUFF LEGHORNS. 13 eggs \$1.00. Leonard A. Waltman, R. 44, New Albany, Pa. 4-3

SINGLE COMB BUFF LEGHORN eggs, 75 cents per 13. Fred Schmock, Ludington, Mich. 4-1

WELDAY'S VITALITY STRAIN Single Comb Brown Leghorns have a 4 years' entire flock average of 207 eggs per hen yearly. 27 years line bred for vigor and eggs; tested and guaranteed fertile eggs at right prices. Catalog. K. K. Welday, Seville, Ohio. 4-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonport, Ia. 4-3

SINGLE COMB BUFF LEGHORNS. Eggs from Premium birds, line bred, as fine as ever were feathers, \$3.00 per 15. Eggs from choice selected birds on the farm, \$4.00 per 100. S. M. Keltner, Anderson, Indiana. 4-3

SELECT STRAIN. S. C. Brown Leghorns. Eggs, \$1 per 15; \$5 per 100. John M. Pearcy, Martinsville, Ind., Route 17. 3-4

ROSE COMB WHITE LEGHORNS. Elephant strain. First cockerel at Seattle, Iowa State two first and club cup. Eggs, utility 5c, range 10c, pen 16 2/3c each. Catalogue. Rogers Ranch, Pleasanton, Ia. 2-4

ROSE COMB WHITE LEGHORN eggs for hatching. George Oatman, Mill Grove, Mo. 4-1

EGGS, 15 FOR \$1.50. Prize winning Rose Comb White Leghorns. Mrs. P. J. Sanders, La Grange, Ky. 4-1

TO MAKE ROOM for new stock, will sell 2 and 3-year-old Single Comb Brown Leghorn hens at \$1.00 each, every one guaranteed to be in perfect health and laying now. O. F. Clark, Dallas City, Ill. 4-1

LAYING SINGLE COMB WHITE Leghorns, \$1.00 each. Eggs, \$1.00 for 15; \$4.00 for 100, express prepaid on 200. "No relation" cockerels in August. Shaw, Grand Junction, Mich. 4-1

FOR SALE SINGLE COMB Brown Leghorn eggs, \$1 for 15; \$4 per 100; also bull terrier pups. S. S. Vick, Carterville, Ill. 4-3

ONE AND TWO DOLLARS setting; 6 varieties Leghorns; \$4 hundred. Circular free. Co-operative Poultry Company, Lewistown, Ill. 4-2

SINGLE COMB WHITE LEGHORN Eggs, from my prize winning, egg laying strain, pens 1 and 2, \$1.00 per 15. Henry Highley, Blair, Neb. 4-1

ROSE COMB BROWN LEGHORNS. Eggs, 20, \$1; 50, \$2.50; 100, \$4. 17 years' experience. None better. Ella Thorp, Mt. Sterling, Ia. 4-3

COATES' STRAIN. S. C. W. Leghorns, better than ever. My eggs have produced winners for most big shows for last two years. Dr. R. C. Coates, Thomasville, Ontario, Canada. 4-3

BUFF LEGHORNS. Eggs from Madison Square Garden, Philadelphia, Paterson and Rutherford winners, \$2.00 per 15. E. Roberts, Chester, N. Y. 4-1

SINGLE COMB BUFF LEGHORNS. best winter layers. Eggs, \$1.25 per 15. Frank Burdick, Fremont, Ind. 4-3

SINGLE COMB WHITE LEGHORNS, White Chinese Geese and Indian Runner Ducks. Eggs for hatching. Write for free circular. W. M. Sawyer, Box A, Lancaster, Mo. 3-3

BEAUTIFUL ROSE COMB Buff Leghorns. Wonderful layers. Eggs, 15, \$1.50. W. D. McNaughton, Tompkins, Pa. 3-3

20 EGGS, \$1; 100, \$3.50. Rose Comb Brown Leghorn. 20th Century egg machine; farm raised. Vigorous stock. A. C. Bugbee, Fowler, Ind. 3-3

SINGLE COMB BROWN LEGHORN, Wittman, the great laying strain, second to none in egg production. Eggs from select birds, 15, \$1; 50, \$2.75; 100, \$4.50. Mrs. Rosa Simpson, Palmer, Ill. 3-3

CRONENWETT BROWN LEGHORNS are silver cup winners at Butler, Feb., 1910, won 1-2-3-4-5-6 hen, 2-5 pullet, 2 cock, 2 cockerel, 1 pen. Silver cup for best display, also 4 specials. Eggs from 4 grand matings, \$2.50 per 15. C. P. E. Cronenwett, Butler, Pa. 3-3

LEGHORNS—ROSE COMB White and Brown. Eggs, \$1.50 per 15. John Johnson, Calhoun, Mo. 3-3

BLANCHARD'S WYCKOFF SINGLE COMB White Leghorns, 20 eggs, \$1; 100, \$3.50; fertility guaranteed. Circular. W. Albers, Lombard, Ill. 3-3

5 CENTS AN EGG—Single Comb Brown Leghorns. Males used are from first prize Chicago winners. O. L. Judson, Galesburg, Ill. 3-3

ROSE COMB WHITE LEGHORNS—Eggs from first prize winners at Missouri State Show, 1909, and Illinois State Show, 1910. Circular. Edward L. Beach, 645 Sixth, Lincoln, Ill. 3-3

ROSE COMB WHITE LEGHORN eggs, \$1.50 per 15. Kulp's strain; good winter layers. B. L. Searle, Margaretville, N. Y. 3-3

BUFF LEGHORNS—Forty cockerels at \$3, bred from my Madison Square winners. B. S. Beuerlein, Mt. Morris, N. Y. 3-3

S. C. BROWN LEGHORNS—Baby chicks, \$10 per 100 eggs by setting. Circular free. H. M. Moyer, R. 2, Bechtelsville, Pa. 3-3

SINGLE COMB WHITE LEGHORNS. Young strain. Prize winners. Eggs, 13, \$1; 30, \$2; 100, \$4. Baby chicks, 50, \$5.50; 100, \$10. No stock. W. H. McCormick, R. C64, Ransom, Ill. 3-3

ROSE COMB BUFFS. Eggs, from standard bred and scored stock, \$1.50 per 15. We won everything in this class at Butler, Pa., show. Willis Brown, Slippery Rock, Pa. 3-3

SINGLE COMB BROWN LEGHORNS. 26 eggs, \$1, except one pen headed by a cockerel of Wiebke's prize winning strain from this pen—20 eggs, \$3. Martin Lepere, Gerald, Mo. 3-3

S. C. W. LEGHORN—Won at Illinois National Poultry show, Newton, Ill., 1st cock, 1st hen, 2d and 3d pullet, and 1st pen. Catalogue free. Richland Farm, Parkersburg, Ill. 3-3

SINGLE COMB BROWN LEGHORN EGGS. \$1.50 per setting; 2 settings, \$2.50. Satisfaction guaranteed. L. P. Selle, Harvell, Ill. 3-3

SINGLE COMB WHITE LEGHORNS of a trap-nested, heavy laying strain. Baby chicks, \$12 per 100; eggs for hatching, \$1 and \$1.50 per setting; \$6 per 100. Mating list free. Mizpah Leghorn Farm, Box 68, Mizpah, N. J. 3-2

SINGLE COMB WHITE LEGHORNS. Young's and Wyckoff's strains. Eggs, \$1 15; \$5 100. W. H. Heitkamp, New Bremen, Ohio. 3-2

MY SINGLE COMB BROWN LEGHORNS are bred for heavy laying as well as for exhibition. 24 years' experience. Wittman's strain. 50 eggs, \$2; 100, \$3.50. J. L. Forney, Birds Run, O. 3-3

ROSE COMB BROWN LEGHORNS — Eggs from winners. \$1 and \$2 for 15; 100, \$5. F. L. Dadisman, Independence, W. Va. 3-3

SILVER DUCKWING LEGHORNS—Eggs reasonable. From Chicago, Kansas City, Minneapolis winners. Albert Pringnitz, Naperville, Ill. 3-3

SINGLE COMB WHITE LEGHORNS exclusively. In my strain you will find both quality and production; eggs, \$1 per 15; \$1.75 for 30. Correspondence invited. Address John Hy. Bartram, Walden, N. Y. 3-3

SUNNYSIDE STRAIN S. C. BLACK Leghorns. Bred 20 years. Utility and beauty. High scores. Sunnyside Farm, Hawley, Mass. 3-3

LEGHORNS.

SINGLE COMB BUFF LEGHORN eggs from prize winners. Send for our free mating list. It tells all about our prices of eggs and show record; also choice cockerels for sale. Westview Poultry Yards, Box A, Machias, N. Y. 3-3

S. C. WHITE LEGHORN Baby Chicks. From choice bred-to-lay stock, \$12 per 100. Safe delivery guaranteed. Write for free circular. Harry F. Palmer, Middleport, N. Y. 3-3

PURE R. C. BROWN LEGHORNS exclusively. Eggs for hatching, 15, \$1.25; 105, \$5. No stale eggs shipped. B. D. Runyon, Golden Rule Farm, Fillmore, Ill. 3-3

PEDIGREED S. C. BUFF LEGHORN eggs from hens with records between 219-267, mated to son 250 record hen. Great laying and show points combined. Dr. Loren Heasley, Dorr, Mich. 3-3

S. C. WHITE LEGHORNS—Great layers. Sure winners. Write. Hillside Poultry Farm, Council Bluffs, Ia. 3-3

WYCKOFF STRAIN WHITE LEGHORNS exclusively. Special matings with cockerels no akin. Eggs 4c each, 90 per cent fertility guaranteed. Chicks \$9 hundred prepaid. Booking orders now. Ohio Valley Hatchery, Ramsey, Ind. 2-3

ROSE COME BUFF LEGHORNS—Eggs, \$1.50 for 15; cockerels for sale. Famo Poultry Ranch, Alden, Minn. 3-3

SINGLE COMB BUFF LEGHORN eggs, 13, \$1; \$5 per 100. Safe delivery, good hatch, card free. John Ahrends, Sunman, Ind. 3-3

S. C. BROWN LEGHORNS. Eggs from large vigorous birds. Great layers. Will refund money if not satisfied. \$1.50 for 15. Chas. C. Taragher, Lorain, O. 3-3

SINGLE COMB BROWN LEGHORNS—Eggs from some of the best matings I ever owned. Send for mating list and see for yourself. Have a few pullets and hens yet for sale. A. F. Lehman, Toulon, Ill. 3-2

YOUNG STRAIN SINGLE COMB WHITE LEGHORNS—Winners at Cleveland, Johnstown, Schenectady, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 2-3

BLACK LEGHORNS of quality. The kind with the golden yellow legs. I have one of the heaviest laying strains in America. Eggs, \$3 and \$2 per 15. R. G. Fluker, Warsaw, N. Y. 3-4

S. C. BROWN LEGHORNS—Incubator eggs a specialty; pure bred; males, Bright strain; \$6 per 100; \$50 per 1000. Leghorn Farms, Box B, North Adams, Mich. 3-3

S. C. BROWN LEGHORN eggs from prize winners. Best pen, \$1.50 per 15; other pen, \$1 per 15. O. Stebbins, Bad Axe, Mich. 3-3

SINGLE COMB BROWN LEGHORNS exclusively. Eggs from farm-raised, free range fowls; great layers, 15 for \$1; 50, \$3; 100, \$5. Will Brandt, Eaton, Ind. 3-3

SINGLE COMB BROWN LEGHORNS—Winners Lincoln and Decatur shows. Mating circular. Adolph Dietrich, Lincoln, Ill. 3-3

GODFREY BENSON, Springfield, Ill. S. C. White Leghorn eggs, \$1 setting. 3-2

SINGLE COMB WHITE LEGHORNS—Eggs, from high scoring birds, \$1 for 15. William Vercler, Chenoa, Ill. 3-3

EGGS FROM THE FINEST S. C. BROWN Leghorns at \$1.50 per 15. Wm. Huber, Hinsdale, Ill. 3-3

SINGLE COMB WHITE LEGHORNS. Am one of the largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Eggs, \$7 for 100; 50 for \$4; 15 for \$1.50. Day-old chicks. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minn. 3-3

ROSE COMB WHITE, BUFF, BROWN Leghorn eggs and cockerels for sale (no Buff cockerels). Lynus Macomber, Gaylord, Mich. 3-3

SINGLE COMB BROWN Leghorns—Big laying strain. Eggs for hatching, \$1.50 for 15. Industry Poultry Yard, C. E. Brown, Prop., Powhatan Point, Ohio. 3-3

STATE CUP AND FOUR FIRSTS on Single Comb Brown Leghorns; 2d pullet, 3d pen at Cleveland. F. Starr, Newton Falls, Ohio. 12-5

S. C. B. Leghorns. Eggs, \$1.50 per 15. John Peacock, Jr., Morris, Ill. 3-3

ROSE BROOK STRAIN S. C. WHITE LEGHORNS. Most Leghorn, least money. 14 first, 3 second, 1 fifth on 18 entries. Elaborate catalog telling you about our 278-acre farm and methods free. Worth \$1. Send today. Rose Brook Farm, Shawano, Wis. 2-3

GUFFY'S S. C. WHITE LEGHORNS are layers. Eggs, \$1 setting. Mrs. Julius Guffy, Webb City, Mo. 3-3

BLANCHARD - WYCKOFF SINGLE COMB WHITE LEGHORNS. Strains separate. No breed or strain equals these as heavy layers. Finest breeders, layers; show birds; on approval. Day-old chicks, any number, any distance, guaranteed. Hatching eggs, any number, from choice selected stock, my specialty. Carefully packed against cold, breakage. Guaranteed 80-95 per cent fertile. Fifteen years' experience. Reference: First National Bank, Circulars. C. N. Reynolds, Canton, Pa. 3-3

ROSE COMB WHITE LEGHORNS—Won 3 firsts and 2 seconds on 5 entries at Minneapolis, 1910. Stock and eggs for sale. Emil Aker, Marshall, Minn. 3-3

ROSE COMB BROWN LEGHORNS, laying at 4½ months old. Ten firsts at Chicago shows. Eggs \$1.50 15. Fred Alger, Waukau, Wis. 2-3

ROSE COMB BROWN LEGHORNS exclusively. I have raised them for 20 years. I have Kulp strain. Eggs, \$1 per 15, \$4 per 100. Geo. F. Hoffman, Cuba, Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred to lay strain. Eggs from large, vigorous, farm raised, Standard bred stock, \$1 to \$2 for 20. Write Maple Leaf Poultry Yards, Tunnel City Wis. 2-3

SINGLE COMB BROWN LEGHORNS, bred for size, eggs and to win. Special prize matings. 15 eggs, \$1; 50, \$2.50; 100, \$4. Mrs. John Dietrich, Borden, Ind. 2-4

WINNERS—ROSE COMB WHITE LEGHORNS. Lew Nelson, R. 3, Britt, Ia. 2-6

S. C. BUFF LEGHORNS exclusively. Three excellent matings. Eggs \$1, \$2 and \$3 per 13; 8 chicks guaranteed. Colgan Poultry Farm, R. 8, DeLancey, O. 2-3

ROSE COMB BUFF LEGHORNS, the Golden Buffs. Eggs \$1.50 per 15. L. E. Knapp, Westfield, Pa. 2-3

WYCKOFF-RICE S. C. WHITE LEGHORN layers. 15 eggs, \$1; 30, \$1.75; 50, \$2.75; 100, \$5. Charles E. Eaton, 914 E. Harris St., Sullivan, Ind. 2-3

SINGLE COMB BUFF LEGHORN SALE—The finest exhibition and breeding stock at bargain prices. Eggs from special matings \$1.50 and \$3 per 15. Mrs. Seth Marsh, Perry, O. 2-3

ROSE COMB BROWN Leghorns. Layers and winners, stock and eggs. J. G. Cunningham, Pipestone, Minn. 2-4

SINGLE COMB BROWN LEGHORN cockerels at reasonable prices. Amos Fulk, Kendallville, Ind. 2-3

SINGLE COMB WHITE LEGHORN eggs \$1.50 and \$2 per 15, \$6 per 100. C. W. Diller, Steward, Ill. 2-4

SINGLE COMB BROWN LEGHORNS. Won second cockerel Chicago, second, sixth, color and shape specials Ontario, both shows on same dates. Best collection Canadian National twice. Circular free. H. F. Becker, Waterloo, Ontario, Canada. 2-3

SINGLE COMB WHITE LEGHORN eggs from 196 egg strain, scoring 95 to 96½. George W. Wolfrum, Carey, O. 2-3

S. C. BROWN LEGHORNS, laying strain. Eggs from good stock only \$1.50 per 15, four settings \$5. Florence Jeffris, Kirksville, Ill. 2-3

BRED TO LAY—S. C. Buff Leghorn eggs for hatching from sixty selected hens. Farm raised. Eggs, \$1.50 per 15, \$7.50 per 100. O. L. Hamby, Fair Play, Mo. 2-3

FERNWOOD FARM ROSE COMB Brown Leghorn hens and cockerels from Ohio State Fair prize winning stock. Also Mammoth Pekin duck eggs and day-old chicks in season. Claudia Betts, Hillsdale, Mich. 2-3

BLACK AND BUFF LEGHORN eggs reasonable from Chicago, Omaha, Kansas City, Minneapolis prize winners. Nick Fuse, Naperville, Ill. 2-3

ROSE COMB BROWN LEGHORN EGGS—Rochester winners, Kulp strain. Gertrude Nichols, Elkland, Pa. 2-3

SINGLE COMB WHITE LEGHORNS—Handsome, sterling layers. Winners three firsts during January. Eggs, 15 at \$2. E. E. Selle, Freeport, Ill. 2-3

HIGH SCORING SINGLE COMB BUFF LEGHORNS—Eggs, 15, \$1; 50, \$3; 100, \$5. Satisfaction guaranteed; no stock for sale. James Percy, Martinsville, Ind., Route 11. 2-3

ROSE COMB BROWN LEGHORNS—Kulp's 242 egg strain. Eggs from high-scoring and prize-winning stock, \$1, 15; \$4 per 100. Pirle Poultry Farm, Bloomfield, Iowa. 2-3

S. C. BROWN LEGHORN EGGS—Exhibition and utility. Catalogue and mating list—send for it. Upland Poultry Farm, Box B, Decatur, Ill. 2-3

SINGLE COMB WHITE LEGHORNS—Eggs from pens containing large, healthy, vigorous birds. Grand layers. Trap nested. Pedigreed. Eggs, 15c and 20c each, according to egg record of layer. H. C. Lloyd, Hobart, Okla. 2-3

EGGS FOR HATCHING—From high class S. C. Buff Leghorns; standard color, good shape, size; "Cook's" strain S. C. Buff Orpingtons, well selected stock. R. B. Kirchner, Ashton, Mo. 2-3

SOME GOOD SINGLE COMB BROWN LEGHORN COCKERELS—Eggs, 15, \$1; 100, \$4; large orders specialty; 32 years breeder. Ed B. Murphy, Box 4, Carmel, Ind. 2-3

SINGLE COMB WHITE LEGHORNS—15 eggs \$1; 50, \$3; 100, \$5. Mrs. Hiram Avery, Martinsville, Ind., Route 16. 2-3

EGGS FROM PRIZE WINNING SINGLE COMB BUFF LEGHORNS—Exclusively 11 years. Select mating, \$1.50 per 15; utility stock, \$1 per 15; \$3 per 100. Mrs. J. Frank Carnahan, Adrian, Mich. 2-3

SINGLE COMB WHITE LEGHORNS—Wonderful laying and exhibition strains. Wyckoff and Youngs direct. Wyckoff eggs, \$1 per 15; \$5 per 100; Youngs eggs double. J. A. Shine-man, Canajoharie, N. Y. 2-3

S. C. W. LEGHORNS—Exclusively for 26 years; have now the best I ever owned. Stock and eggs at reasonable prices. J. H. Kollmeyer, Quincy Heights Poultry Farm, Quincy, Ill. 2-3

EGGS AND CHICKS from Robey's healthy vigorous, farm-raised single comb white Leghorns at right prices. Exhibition and utility. Correspondence invited. James H. Robey, Box 62, Fairfield, Ill. 2-3

SINGLE COMB WHITE LEGHORNS—Easling strain. Cockerels \$2 and \$5 each. Embden and White China Geese for sale. Eggs in season. M. K. Anthony, Box 23, Waldo, Ohio. 2-3

R. C. W. LEGHORNS—Winners at Rochester and Elmira. Cockerels for sale; eggs, single settings, 100 or 1,000 lots. Satisfaction guaranteed. Send for mating list. Sunny Slope Farm, J. S. Carr, prop., Bradford, N. Y. 2-3

YOUNG STRAIN SINGLE COMB WHITE LEGHORNS—Winners at Johnstown, Schenectady, Albany, North Adams and other shows. Eggs from my winners, only \$1.50 per 15. Excellent breeding cockerels for sale, with the privilege of examination. Satisfaction guaranteed. Circular free. Lewis T. McLean, Shushan, Washington County, New York. 2-3

ROSE COMB BUFF LEGHORNS—Ten entries, ten prizes, this year at Chicago, Milwaukee and Blue Island, none scoring less than 90½. Stock and eggs at living prices. Anton Kakuska, 2353 S. Lawndale Ave., Chicago, Ill. 2-3

296 EGG STRAIN S. C. White Leghorns; trapnested. Eggs, \$1.00 15; 100, \$4.00. Homer Garges, Iuka, Ill. 2-3

MILLS' 248 EGG STRAIN. Large S. C. White Leghorns; prize winners; unequalled. Write me. D. C. Mills, Station D, St. Clair, Mich. 1-4

ROSE COMB BUFF LEGHORNS. Winners at Madison Square, Cleveland, Buffalo, etc. Some nice stock for sale. Howard J. Fisk, Box A, Falconer, N. Y. 12-6

ORPINGTONS.

BIG BLACK ORPINGTON COCKERELS. "dirt cheap." "Orpington," Delavan, Wis. 4-1

BLACK ORPINGTON EGGS from hens that score 95. "Orpington," Delavan, Wis. 4-1

BUFF ORPINGTONS.—We have an abundance of health, vigor and laying qualities in our Buff Orpingtons. They have made a wonderful laying record this winter, the coldest here in 10 years. We have won many prizes with them, as you may learn from our Mating List. Our breeding stock is housed in fresh-air houses, which results in a high percentage of fertility in eggs, as well as great vigor in chicks. Our young stock is reared on free range on our 140-acre farm giving the youngsters a fine start in life. Before placing your order for eggs, write for Mating List, containing show record, as well as other particulars, which make our proposition on Buff Orpington eggs one of the very best in the country. A few fine cockerels for sale. Grannis Brothers, R. F. D. 12, La-Grangeville, Dutchess Co., N. Y. 1-10-1yr

SINGLE COMB BUFF ORPINGTONS, direct from Kansas City and St. Louis winners. Eggs, \$2 for fifteen. Circular free. Tulloch Bros., Harnard, Mo. 4-2

KELLARSTRASS CRYSTAL WHITE ORPINGTONS. Carefully selected for their laying qualities. Cut prices on eggs. High class stock. Get my free circular before buying your eggs. H. King, Tappan, N. Y. 4-3

FOR SALE—S. C. Buff and R. C. White Orpingtons. Pens headed by males direct from Cook. Satisfaction guaranteed. E. E. Webster, Washington, Ill. 4-1

ORPINGTONS.

CRYSTAL WHITE ORPINGTON eggs, \$3.00 15; 2 trios at \$10.00 and \$15. Thos. Brogren, Rush Lake, Wis. 4-1

S. C. BUFF ORPINGTONS. Cook Strain. Yard one is headed by a grand cockerel, score 92½, weighs 10 pounds, mated with seven grand hens, selected for size, type and color; \$3.00 for 15. Yard two consists of 10 fine pullets, headed by a beautiful colored cockerel, score 92½; \$2.00 per 15. Ernest Sanderson, Baraboo, Wis. 4-3

BUFF, BLACK, WHITE! ORPINGTONS! Our book illustrates winners of American Championship under Stanfield. Also describes our imported Crystal Palace Winners. Free if you mention this paper, otherwise 2 stamps, Cheviot Farms, Cincinnati. 4-3

BLACK ORPINGTONS.—This grand variety is increasing in popularity all the time. Ours are prize-winners, as you will learn by writing for our Mating List. We house our breeding stock in fresh-air houses, which means health, vitality, fertility in eggs and vigor in chicks. Our young stock is reared on free range on our 140-acre farm, giving a fine start in life. You should write at once for Mating List, and get full particulars as to what we have to offer in eggs from this grand fowl. Grannis Brothers, R. F. D. 12, LaGrangeville, Dutchess Co., N. Y. 1-10-1yr

S. C. BUFF ORPINGTONS—Solid Buff from head to tail; good shape and eyes. Eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Stewart, Ill. 1-6

LAST SPRING I BOUGHT a pen of "Crystal" White Orpingtons from the Kellerstrass farm and they have "made good." This spring I can spare a few settings of eggs at very reasonable price. Good hatch guaranteed. Reference: The Union Bank of Corinth. H. S. Green, Corinth, Miss. 3-3

BUFF ORPINGTON EGGS—\$1.50 and \$2 per 15; \$10 per 100. Fertility guaranteed; 3 pens large golden buffs. C. E. Ash, Aquasicola, Pa. 2-4

SINGLE COMB BUFF ORPINGTONS. Stock for sale. Eggs from three high scored pens, headed by sons of Cook's Madison Square cock, \$3 setting. Emma Adams, Wyaconda, Mo. 4-3

CRYSTAL WHITE ORPINGTON eggs, from Kellerstrass \$30 mating, at \$5.00 per 15. Robert Lennon, 547 High St., Germantown, Pa. 4-1

S. C. BLACK ORPINGTONS. Cook, Greenwood strains. Eggs from our prize winners, \$3.00 per 15. Wise Bros., Earlville, Ill. 4-1

S. C. BUFF ORPINGTONS.—Cook strain direct. Eggs, \$2.00 per 15; \$10.00 per hundred. B. S. Long, Little Sioux, Ia. 4-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass Strain. Eggs from best mating, \$3.00 per setting of 15. Securely packed. Satisfaction guaranteed. Harvey R. Brown, L. Box 441, Highmore, So. Dak. 4-1

"BON AYR." HOME OF THE ORPINGTONS. White and Black stock and eggs for sale, from "Bon Ayre" strain. Henry Hilberg, Watertown, Ill. 4-1

S. C. BUFF ORPINGTON EGGS. Farm range, 15, \$1. Fine pen, \$1.50. Alice Keltner, Jasper, Mo. 3-3

S. C. BUFF ORPINGTONS—Eggs from pen of high-scoring hens, headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 4-1

BREEDER OF CRYSTAL WHITE Orpingtons. Kellerstrass strain exclusively. Settings, \$3 per 15, or \$5 per 30. Henry Meyers, 604 Elvin Ave., Hamilton, Ohio. 4-3

S. C. BUFF ORPINGTON eggs, from special matings, \$2.00 per 15. Other pens \$1.00 per 15, \$5.00 per 100. Half price after June 1st. Lortien Files, Mill Shoals, Ill. 4-3

KELLERSTRASS WHITE ORPINGTONS. Scored 90 to 95 by McClave. Honest values, square dealings; satisfaction. Eggs, \$2 and \$3 for 15; \$12 100. C. M. McWhorter, Wakeman, Ohio. 4-3

SINGLE COMB BUFF ORPINGTON eggs, \$1 per setting. Mrs. John A. Jewell, R. S, Decorah, Iowa. 3-3

ORPINGTONS—Single Comb Crystal White and Golden Buff. All pens contain prize winners. Won many prizes in five states in 1909. Eggs, \$3 per setting of 15 from either pen. Circular. Jas. L. McDavid, Hillsboro, Ill. 2-4

S. C. BUFF ORPINGTON EGGS—Cook's, Williams' strains, \$1.50 per 15; \$7 per 100. L. M. Voorhees, Jerseyville, Illinois. 4-1

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain. Some choice cockerels for sale cheap. Eggs from 2 grand pens, \$5 per 15. A. C. Thompson, Iola, Kan. 3-3

S. C. WHITE ORPINGTONS—Kellerstrass strain. Eggs from our pen of 8 high-scoring pullets, 93½; 95 points by "Mills," headed by our first prize cockerel, at the recent Iowa State Poultry Show at Des Moines; \$5 for 15 eggs. Mackey's Poultry Farm, Nevada, Ia. 3-1f

SINGLE COMB BUFF AND BLACK of prize winning stock. Eggs, Buff, \$1 15; Black, \$1.50 15. J. H. Martin, Lehmasters, Pa. 3-3

EGGS FROM FANCY WHITE Orpingtons, \$2 and \$4 per 15. Crystal and Cook strains. Ed. Friddle, Litchfield, Ill. 3-3

CRYSTAL WHITE ORPINGTONS. Kellerstrass strain. Selected eggs from a pen of beauties at reasonable prices. W. T. McConnell, DeLand, Ill. 3-3

WHITE ORPINGTON eggs, 15, \$1.50; 100, \$6; satisfaction guaranteed. Nancy Garner, R. 2, Box 98, Dexter, Mo. 3-3

EDWARDS' S. C. BLACK ORPINGTONS. "NONE SUCH." Send for mating list. Dr. Geo. B. Edwards, Laceyville, Pa. 3-3

WHITE ORPINGTONS—Cook strain. Good stock. Eggs, \$2.50 per 15. L. S. Brooke, Howell, Mich. 3-3

SINGLE COMB WHITE ORPINGTONS exclusively. Eggs, \$2.50 per 15; \$4.00 per 30; \$12.00 per 100. Stock for sale. Charles A. Faller, Newton, Ill. 3-3

SINGLE COMB BUFF ORPINGTONS. Nine years a breeder. Cook strain. Eggs, \$5 per 100; \$3 for 50. Fred S. Long, Fredericktown, O. 3-3

WHITE ORPINGTON (Kellerstrass), Black Orpington (Brown) eggs, \$2 setting (13); 3 for \$5. Black Minorcas and Runner Ducks (Berry and Sawyer) eggs, 10c each. J. A. Dickson, Ashtabula, O. 2-3

WHITE ORPINGTONS (Kellerstrass strain). Settings, \$3. Young stock for sale. Trueman's Poultry Yards, Laurel Springs, N. J. 2-3

ORPINGTONS. S. C. BUFFS. Six years breeding Utility and Fancy combined. Trap-nest methods. Winners Wheeling, Huntington, W. Va.; McKeesport, Pa., etc. Eggs, \$2.00 up. Mating list. H. H. Marsh, Wheeling, W. Va. 2-3

ROOT'S GOLDEN BUFF ORPINGTONS have won at leading eastern shows. Strict attention given to egg production. Send for mating list. Stock shipped on approval. John Root, Jr., Collingswood, N. J. 2-4

ROSE COMB BUFF ORPINGTONS (Cook's strain). Grand color and type. Eggs from two pens of high scoring birds. Prices reasonable. W. T. Pierce, Kewanee, Ill. 3-3

SINGLE COMB WHITE ORPINGTON eggs, Kellerstrass and Cook strains. W. C. Spurgin, Panama, Ia. 3-3

EGGS FOR HATCHING S. C. Buff Orpingtons, \$2.50 per setting. Black Spanish, \$2 per setting. Bruno Meier, New Melle, Mo. 3-3

SINGLE COMB BUFF ORPINGTONS. Prize-winning cockerel. Eggs for sale. Arthur Short, Coffeen, Ill. 3-3

WHITE ORPINGTONS.—We have one of the best propositions in the country on White Orpington eggs. Great quality at reasonable prices. If interested in White Orpingtons, you should send at once for our Mating List, giving full particulars. Ours are great layers as well as prize-winners, as you will learn if you write us. Our young stock is reared on free range on our 140-acre farm, which gives them a good start in life, with an abundance of vitality, vigor and size. Our breeders are housed in fresh-air houses, which has kept them in perfect health, and has increased the fertility of eggs and the vigor of the chicks. Before placing your order for eggs, write for Mating List, and see what we have to offer. Grannis Brothers, R. F. D. 12, LaGrangeville, Dutchess Co., N. Y. 1-10-1yr

S. C. WHITE ORPINGTON eggs from Fort Wayne blue ribbon winners, 1910. Scientifically mated, \$2 and \$3 per 15. W. Bruner, 1324 Huestis Ave., Fort Wayne, Ind. 3-3

"GOLDEN ROD" BUFF ORPINGTONS. Most profitable and beautiful fowl. First, second, third and fourth at Havana, Lewistown and Canton. One thousand hens to fill egg orders from. R. M. Seward, Lewistown, Ill. 3-3

CHOICE WHITE ORPINGTON, Single Comb, from prize winning strain, eggs, \$3 15, \$8 50. Chicks, \$6 doz, express prepaid. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

A CLEAN SWEEP—On Single Comb Buff Orpingtons at Omaha and Lincoln, Neb., winning 1st cockerel, 1st pullet, and 1st pen at each show, besides other prizes and specials, placing our Buffs unquestionably in advance of competitors in the Mid-West. Ask for 1910 mating list. Prewitt, Box D, Onawa, Ia. 2-10tf

CHOICE ORPINGTONS, Single Comb White and Buff eggs, \$1.50 per 15. Wm. Risley, Smith's Landing, N. J. 3-3

EIGHT WHITE AND TWELVE BLACK Orpington cockerels ready for mating. Cook strain. A 1 stock, \$2.50 to \$5 each. Ideal Poultry Farm, Box 14, College Hill, Ohio. 3-3

SINGLE COMB BLACK ORPINGTONS, winter layers, 15 eggs, \$2. Walter Burgess, Pana, Ill. 3-3

ROSE COMB BUFF and Single Comb White Orpington eggs, \$1 per 15. R. W. Aucker, Port Trevorton, Pa. 3-3

BLACK ORPINGTON—Greenwood stock; scored cockerels for sale; eggs, \$3. C. Oakes, Zion City, Ill. 3-2

DIAMOND JUBILEE AND BLACK Orpingtons. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Peotone, Ill. 3-3

CRYSTAL WHITE ORPINGTONS—Eggs, \$2 and \$4 per 15. High class stock. Pens headed by first prize cockerel from Kellerstrass' \$30 eggs. Send for mating list. O. Anderson, Barnard, Mo. 3-3

SINGLE COMB WHITE ORPINGTONS. Eggs, \$3 per 15, \$8 per 50, from utility birds that yielded over 90 per cent winter eggs. Frank H. Leach, Broomfield, W. Va., Member American White Orpington Club. 3-3

CRYSTAL WHITE ORPINGTONS—Cockerel heading first pen is sired by Crystal King (few Cook cockerels). Walter Steidinger, Forrest, Ill. 3-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain. I won 3 1sts, 2 2ds and 2 4ths at Schenectady, N. Y., 1909. A few cockerels for sale. Eggs in season. Thomas F. Hines, Salem, N. Y. 3-3

S. C. BUFF ORPINGTONS—Grand winter laying strain. Two shows got me 14 ribbons; seven blue. \$1.50 per 15 eggs, \$7 per hundred. 93 average score of males used in these pens. "Your money's worth, always." You'll say so, too. C. H. Anderson, Box A287, Galesburg, Ill. 3-3

ROSE COMB BUFF ORPINGTONS exclusively. Eggs from Madison Square, 1910, prize birds, also Chicago, Cleveland, Cincinnati, etc., \$3 per 15. Special selected, \$5 per 15. S. D. Lance, Troy, Ohio 3-2

WHITE ORPINGTONS, KELLERSTRASS, Cook. Eggs, baby chicks. Order early. Member White Orpington Club. Alice Rawson, Big Rock, Ill. 3-2

SINGLE COMB BUFF ORPINGTONS exclusively. Prize winners wherever exhibited. McClave strain. Heavy egg producers. Golden buff to the skin, large barred, well shaped. Eggs, \$3 and \$2 per 15. Seventy-five per cent fertility. Gray Call Duck eggs, \$1.50 per 15. C. H. Figuers, Fern Hill Poultry Plant, Wakeman, O. 3-3

SINGLE COMB BUFF ORPINGTON eggs, \$1.25 per 15, \$2 per 30. W. O. Hixson, Bonfield, Ill. 3-3

SINGLE COMB BUFF ORPINGTONS—Silver cup winners January, 1910. Cocks, cockerels. Eggs, \$2.50 per 15. C. E. Myers, Danville, Ill. 3-3

S. C. WHITE ORPINGTONS, Cook strain, \$2, \$3, \$5 per setting. Prize winners. Sunny Side Poultry Yards, Edgar W. Strong, Prop., Smethport, Pa. 3-3

HAVING MATED MY PENS, can spare 1 and 2 prize winners, S. C. White Orpington cockerels and full brothers of same, \$10, \$8 and \$5 respectively. A. Wolf, Mizpah, N. J. 3-2

ORPINGTONS, LARGE, BLOCKY, solid buffs, winners of 36 ribbons 3 shows. 15 eggs, \$2. Baby chicks, 25c. C. R. Smith, Burnt Prairie, Ill. 3-3

SEVERAL S. C. BLACK ORPINGTON cockerels, some scored, \$2 to \$5. J. A. Lopp, Mt. Carmel, Ill. 3-3

WHITE ORPINGTON EGGS. Kellerstrass strain, \$3.50 for fifteen. Number limited. Henry J. Moore, R. 1, Waynesburg, Pa. 3-3

S. C. WHITE ORPINGTONS, bred from Cook's prize winners. A few cockerels for sale. Eggs in season. J. E. Hockett, Westboro, Ohio. 3-3

SINGLE COMB BUFF Orpington eggs, 15 for \$1. Lida Martin, Ripley, Ohio. 3-3

SINGLE COMB BUFF AND BLACK ORPINGTONS—Winners at Philadelphia and Cleveland. Send for mating list containing cut of "Black Beauty." Book orders for eggs early. Cairngorm Farm, Nottingham, Ohio. 2-5

WHITE ORPINGTONS—Laying at 6 months old. Eggs, \$3, 15 (Kellerstrass). Fred Alger, Waukau, Wis. 2-3

SINGLE COMB WHITE ORPINGTONS—Imported direct from William Cook of England. Also Crystal White Orpingtons. Eggs from large, vigorous, snow white, heavy laying stock, \$3 to \$5 per 15. Mrs. J. H. Weaver, Winamac, Ind. 2-4

ORPINGTONS.

S. C. WHITE ORPINGTON—Cook strain, bred to lay. Eggs, \$2 and \$3 per 15. W. B. Myers, Wayne City, Ill. 2-4

SINGLE COMB BLACK ORPINGTONS—Some extra choice cockerels at \$3 and hens at \$2. Write quick for bargain. E. H. Hildebrandt & Co., Lake Mills, Wis. 2-3

FOR SALE—S. C. W. Orpington eggs and stock. Dr. Colby, Hillsboro, Ill. 2-3

SINGLE COMB BUFF, BLACK AND WHITE ORPINGTONS—Eggs from imported and prize-winning stock. Buff, \$1, 13; \$2, 30; \$6, 100. Black and White, \$1.50, 13; \$3, 30; \$8, 100. Mating list free. J. W. Tedrick, Williamson, Pa. 2-3

SINGLE COMB WHITE AND BUFF ORPINGTONS—Byers and Kellerstrass strain. Fine young stock and eggs for sale at reasonable prices. Also Light Brahmas, cockerels and pullets, for sale from first class stock; eggs in season. Write me your wants; satisfaction guaranteed. M. J. Thompson, Buena Vista, Allegheny Co., Pa. 2-6

WHITE ORPINGTONS—Cockerels, \$1.50 to \$3 each; eggs, \$1.50 to \$3 per 15. J. I. Ault, Columbus, Ind., Route 6. 2-3

WHITE ORPINGTONS—Kellerstrass Strain; also prize winners, one pen. Fifteen eggs, \$3.50, express paid; fertility guaranteed. Correspondence solicited. Edward Buss, Janesville, Wis. 2-3

SINGLE COMB BUFF ORPINGTONS exclusively. Write us for quotations on eggs. J. G. Gepter & Son, Bachmanville, Pa. 2-3

FOR ORPINGTON EGGS and chicks. White, Buff and Black, drop postal to the Whittaker Orpington Farm, Attleboro, Mass., R. F. D. No. 4. 2-5

S. C. BUFF ORPINGTONS—Exclusively, stock direct from Cook. Eggs, 15, \$1.50; 30, \$2.75; 50, \$3.50; 100, \$5.50. Frank Myers, Oakwood, Ohio. 2-4

SINGLE COMB BUFF ORPINGTONS—If you want the best cheap, write us. Birds shipped on approval. Geo. Van Patten & Son, Elgin, Ill. 2-3

BLACK ORPINGTONS—Woodworth's Blacks (only young stock) won, at three recent shows, including state fair; all eligible firsts but pullet at Bucyrus. Folder free. Eggs \$2 and \$3.50. Dr. Woodworth, Delaware, Ohio. 2-3

KELLERSTRASS, ORPINGTONS—Only baby chicks and eggs; get prices in mating list—it's free and tells all about it. J. W. Ramsey, Garner, Iowa. 2-3

S. C. BUFF ORPINGTONS—None but best matings for seven years; no utility stock. Send early for my pay-for-the-hatch plan. J. A. Shott, New Wilmington, Pa. 2-3

S. C. WHITE ORPINGTONS—Best layers, vigorous stock, right prices; eggs from best pens \$2.50, second \$1.50 for 15. S. S. Kanaga, Taylorville, Ill. 2-3

MY SINGLE COMB BUFF ORPINGTONS at St. Louis last season won first pen, cockerel, hen and pullet. Few more for sale. Eggs in season from 4 grand pens. Dr. Powell, Elsberry, Mo. 2-3

ROSE COMB BUFF and Rose Comb White Orpingtons. Get my egg circular. B. Wenk, Washington, Ill. 2-3

COOK STRAIN S. C. White and Buff Orpingtons. Eggs, \$2 to \$5 per 15. M. C. Jester, Cannonsville, N. Y. 2-3

ROSE COMB BUFF ORPINGTONS—Choice matings; every pen headed by a St. Louis or Detroit prize-winner. Write for mating list. A. R. Chandler & Son, Box 185A, Sylvania, Ohio. 2-3

CRYSTAL WHITE ORPINGTONS—Winners at Oshkosh, Minneapolis and Chicago in the strongest competition in America. Mating list, describing stock, pens and complete winnings, free. Dr. Guy Blencoe, Alma Center, Wis. 2-3

R. C. BUFF ORPINGTONS—Winners of highest honors at Madison Square Garden, Easton, Pa., and Paterson, N. J. Eggs and stock in season. B. C. Roecker, Phillipsburg, N. J. 2-3

CRYSTAL WHITE ORPINGTONS—Won 12 premiums, color special, Ames, Marshalltown. Eggs, \$5 per 15; chicks, \$10 per 13; \$250 pen from Kellerstrass, eggs \$10 per 15; chicks, \$20 per 13. Mating list. Glen Richards, Le Grande, Iowa. 2-3

CRYSTAL WHITE ORPINGTONS—Kellerstrass strain, blue winners at Omaha, Des Moines, Ames, Tremont, Salt Lake. Stock, eggs, baby chicks. F. C. French, Ames, Ia., and Salt Lake City, Calders Station. 2-3

SINGLE COMB BUFF, Black, White and Rose Comb White Orpingtons; scored cockerels, scientifically mated breeders. Eggs, \$1.50 to \$5. Hens with baby chicks, \$3 to \$8. Dr. Evans, LeGrand, Iowa. 2-3

SINGLE COMB BLACK ORPINGTONS—Fifteen eggs, \$2. Mrs. Audrey Percy, Route 5, Martinsville, Ind. 2-3

S. C. BUFF ORPINGTONS exclusively. Cook's strain. Eggs from winning pens scoring 92 to 94½; \$3 per setting. C. F. Vought, Westfield, Pa. 2-3

DIAMOND JUBILEE ORPINGTONS—Our grand Chicago winners—two 1sts and 2d—head our pens. Eggs guaranteed to hatch. Orpington, Delavan, Wis. 2-3

BLACK ORPINGTONS—Houdans and Red Caps. Winners at the great Valley Fair; eggs \$1 per 13. H. Merriam, Ashburnham, Mass. 2-3

ROSE COMB BUFF, Rose Comb Black and Rose Comb White Orpingtons—Nothing but Rose Combs and all prize-winners. Eggs, \$3 per setting. Dr. E. O. Richardson, Marion, O. 2-3

BUFF ORPINGTONS—Great winter laying strain. Golden Buff. Eggs, \$2.50 for 15. Stock for sale. Weeping Willow Poultry Farm, Graham, N. C. 2-3

CRYSTAL WHITE ORPINGTON EGGS—From the famous Kellerstrass \$30 mating. One pullet with a record of 52 eggs in 52 days in this pen—that's all. F. A. Maibaugh, Liberty, Ind. 2-3

S. C. BUFF ORPINGTON COCKERELS for sale. Eggs in season, \$2 per 15. First cockerel, first second and third pullet, first pen, at Aurora shows. L. A. Anderson, Batavia, Ill. 2-3

S. C. BUFF ORPINGTONS of quality; can save you money and disappointment. Eggs and stock reasonable; also Mammoth Pekin Ducks, prize quality, eggs and stock. R. W. James, Mansfield, O. 2-3

S. C. WHITE ORPINGTONS—Cook's celebrated strain. Snow white, perfect shape, large size, early maturity. Splendid layers, especially during winter. Eggs \$5 per setting. Ozaukee Poultry Yards, Port Washington, Wis. 2-3

\$1 BOOK POSTPAID 10 CENTS. National Single Comb Buff Orpington Club. Catalogue tells why they are the best fowls on earth. Over one hundred pages, fully illustrated. Victor Hobbs, secretary, Trenton, Mo. 3-3

S. C. WHITE ORPINGTON pullets and cockerels. Eggs from three choice yards. Quality birds, large size, cobby type. Dr. B. A. Edwards, Beloit, Wis. 2-3

S. C. BUFF ORPINGTON EGGS—15, \$1.50; 30, \$2.50; 50, \$3.50, and 100, \$6. Bred Orpingtons exclusively eight years; buff to skin. D. J. Hurley, Mount Carroll, Carroll Co., Ill. 2-3

SINGLE COMB BLACK ORPINGTONS—Exclusive stock from the well known Coleman's prize-winners. Eggs, 15 for \$5. C. H. Black, Bellville, Ohio. 2-3

SINGLE COMB BUFF ORPINGTONS—"The Golden Nugget Strain." We showed six consecutive weeks and won 90 per cent of the prizes, which I think is one of the best showings that can be made in the West. Our mating list will be ready February 10. A postal card will bring it to you. Two pens of high scoring prize-winners. D. W. Boydston, Nevada, Ia. 10-09-1 yr. 2-3

ORPINGTONS—Black, White and Jubilee. Send for fine egg and chick catalogue; fine white cockerels cheap. Walt Arnold, Le Grand, Iowa. 2-4

FOR THE BEST ORPINGTONS, all varieties, you must send to their originators. Send 6c for illustrated catalogue. William Cook & Sons, Box 4, Scotch Plains, New Jersey. 5-09-tf

SINGLE COMB WHITE ORPINGTONS—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr. 2-3

RHODE ISLAND REDS.

ROSE COMB R. I. REDS. Eggs from high scoring stock, \$2.00 per 13. H. H. Smith, Rutland, Vt. 4-1

SINGLE COMB REDS. Three grand pens, headed by stock from Chicago blue ribbon winners. Eggs, \$1.50, \$2.00 per 15. Write for mating list. J. E. Phillips, Ewing, Ill. 4-1

SINGLE COMB RHODE ISLAND REDS. The great winter layers. Correct shape and color. Birds and eggs for sale. Settings \$2.00. A. B. Wolf, Mt. Vernon, Ill. 4-3

DR. HOLMES' TRAP-NESTED, prize-winning Single Comb Rhode Island Reds are winter layers. Eggs for hatching, \$1.50 up. Free catalogue. Red Robe Poultry Pens, Box Main 1315, Evanston, Ill. 2-3

ROSE COMB RHODE ISLAND REDS—Eggs from large, vigorous prize-winning birds, great laying strain, 15 for \$2. Satisfaction guaranteed. W. S. Decker, Hudson, N. Y. 4-2

RHODE ISLAND REDS, both combs. 100 eggs, \$4. Circular free. C. S. Johnson, Belvidere, Ill. 4-2

ROSE COMB RHODE ISLAND REDS. Standard bred birds of quality. Eggs at a price you can afford to pay, \$1.50 for 15. T. E. Marlan, Pontiac, Ill. 4-3

FOR SALE—SINGLE COMB R. I. R. eggs, \$1.50 and \$2 per setting. Scored birds bred to standard. John Lorigan, 512 E. Washington Ave., Madison, Wis. 4-2

RHODE ISLAND REDS that will win wherever shown. Eggs, \$1.25 per 15, and \$5.00 per 100. Johnson Co., Babylon, N. Y. 4-2

CORNISHQUALITY Reds are the world's best Reds. Satisfaction guaranteed. Advertisement inside front cover. 4-3

I AM NOW BOOKING egg orders for Single Comb Rhode Island Reds; \$3.00 per setting of 15; \$5.00 per 30. F. M. Fixmer, Harper, Ia. 4-1

SINGLE COMB REDS EXCLUSIVELY. Home of best in the world. Winners at all leading shows. Eggs, \$2, 15; \$10, 100. After May 15 half price. Stock for sale at all times. William Phillips, Jr., Amsterdam, N. Y. 4-3

MY TWELVE S. C. REDS at Aurora show won four firsts, three seconds, fourth and fifth prizes, thirty-eight birds competing. Stock and eggs for sale. V. Hibner, Aurora, Ill. 4-3

S. C. RHODE ISLAND REDS—"It pays to buy the best." Stock and eggs for sale from prize-winning pens. Send for 1910 mating list. J. G. Dutcher, Maplecroft Farm, Pawling, N. Y.; H. D. Warner, Manager. 4-3

SINGLE COMB RHODE ISLAND REDS—Choice cockerels. Eggs from prize-winning stock. None better. Satisfaction guaranteed. Write for prices. C. N. Pritchard, DeKalb, Ill. 4-1

SINGLE COMB R. I. REDS. Winners this season at New York, Schenectady, Utica and New York State Fair. Eggs from prize-winning matings. A few good breeding cockerels. Send for circular. B. H. Arthur, Gloversville, N. Y. 4-2

FOR SALE—EGGS FOR HATCHING—Single and Rose Comb Rhode Island Reds. Bred for standard color and size from the leading strains, \$1 per 20. Dr. Charles Burt, Lake George, N. Y. 4-2

ROSE COMB RHODE ISLAND RED eggs (le strain). Pen 1 scored 91 to 93½; \$3 per 15. Pen 2 scored 89 to 91½; \$2 per 15. Mrs. Wm. Franz, R. 1, Avoca, Iowa. 4-1

THE SINGLE COMB RHODE ISLAND RED farm flock captured 50 prizes and are great winter layers. Eggs, \$1.50 per 15. Address Rev. N. D. Baldwin, Westfield, Ind. 2-3

ROSE COMBED RHODE ISLAND RED eggs from two special pens, \$2 per 15. Other pens, \$1 per 15; \$5 per 100. Half price after June 1. H. Lorten Files, Mill Shoals, Ill. 4-3

THEY SAY WILSON HAS THE BEST Rose Comb Reds in Norwood Park. He has Reds that lay and win in winter. Eggs, \$2 per 15. Day old chicks, 15c a piece. C. Wilson, Norwood Park, Ill. 4-1

SINGLE COMB REDS, Lester Tompkins' strain. Silver cup winners. Eggs from pens headed by males scoring 94 to 95½ and females 91 to 93½ by McClave, \$2 per 15. Utility birds, \$1 per 15; \$5 per 100. Wm. Ginn, Delphi, Ind. 4-2

ROSE COMB REDS, at Minneapolis, 1910, won 2 firsts, 3 seconds, 3 thirds, best shape, color and display. Catalogue free. Geo. N. Houghton, 520 University Ave., S. E., Minneapolis, Minn. 4-3

SINGLE COMB RHODE ISLAND REDS. High scoring birds. Eggs, \$1.50 per 15. Albert Shreffler, Bonfield, Ill. 3-3

ROSE COMB RHODE ISLAND REDS. Cherry Red C. have won at Chicago, Sedalia, Mo., Elgin and Rockford for years. Eggs, \$2 for 15, or \$5 for 50. Mating list March 1. H. T. Shannon, Box 34, Cary Station, Ill. 3-3

ROSE COMB REDS. Tuttle's and Sibley's strains. Thirty prizes at Three Rivers, Vicksburg and Dowagiac, including grand silver medal. Pens headed by males scoring 94½ and 94½ under Tucker. Mating list free for eggs and baby chicks. Jasper Moorlag, Vandalia, Mich. 3-3

SINGLE COMB RHODE ISLAND Reds. Four grand matings headed by 94-point males. Select females. Eggs, \$2 for fifteen. Walter Morgan, Jeffersonville, Ill. 3-3

RHODE ISLAND REDS—For sale, choice cockerels Rose and Single Comb prize winning stock, \$3 up; order quickly before they are sold. Blenheim Poultry Farm, R. F. D. No. 2, Doylestown, Pa. 3-3

PRIZE WINNING S. C. REDS. Write for prices on eggs. Charley Ginn, Delphi, Ind. 3-3

RHODE ISLAND REDS.

S. C. R. I. RED EGGS, Tompkins, Caswell and other strains. First prize winners and unusually fine stock. Eggs, \$1.50 per setting; two settings, \$2.50. Everett M. Whittemore, Box 246, Putnam, Conn. 3-3

EGGS FROM R. C. RHODE Island Reds, three dollars per fifteen and one-fifty per fifteen. Good winter layers. Edith Thompson, West Middlesex, Pa. 3-3

FOR SALE—ROSE COMB R. I. Red eggs, \$2 per setting of fifteen; three settings, \$5. Satisfaction guaranteed. Mrs. A. H. Fortner, Plano, Tex. 3-3

ROSE COMB RHODE ISLAND REDS—Winners and layers, size and beauty. Pens mated by Judge Wurtz. Eggs, \$2 and \$3 15; \$7 per 100. J. E. Davidson, Kipton, O. 2-3

IF YOU WANT EGGS the year around and a fine market fowl, get our strain of S. C. Rhode Island Reds. Free range. Satisfaction guaranteed. Eggs, \$1 per 15; \$5 per 100. Crebore Bros., Lorain, Ohio. 3-3

ROSE COMB REDS—Pens headed by Sons Chicago King. Eggs, \$3 and \$5 per setting of fifteen. F. C. Coward, Elkhorn, Wis. 3-2

15 EGGS, \$1; 45, \$2.50. Rose and Single Comb Rhode Island Reds, DeGraff's strain direct. Theo. Schneider, 28, Madison, Ind. 3-3

PURE BRED R. I. REDS, both combs. Eggs, \$3 per 15, \$5 per 30. Herman Reimers, 1019 East 14th St., Davenport, Iowa. 3-3

ROSE COMB RHODE ISLAND REDS. By winning fifteen ribbons at Tennessee State Fair and nine at Tri-State in 1909 we have proven our Reds to be the best in the South. Stock for sale. Eggs, \$2, \$3 and \$5 for fifteen. Hale & McCartney, Box 464, Lebanon, Tenn. 3-3

SINGLE COMB RHODE ISLAND REDS. Eggs from pen headed by prize winning cock Columbus, 1909, \$2 per 15. Utility, \$2.50 for 50, \$4 per 100. Circular. Robt. Armstrong, 1051 Sullivan Ave., Columbus, Ohio. 3-3

ROSE COMB RHODE ISLAND REDS. Eggs from prize winning stock. Write for matings and prize list. H. J. McWhinney, Leechburg, Pa. 3-3

ROSE COMB RHODE ISLAND REDS. Perpetual winter layers. No more stock for sale until fall. Eggs from stock scoring 92 to 94½ by McClave, \$2 for fifteen. Robert Mawer, Deshler, Ohio. 1-4

EGGS FOR HATCHING from well-bred Single Comb Reds, Tompkins' strain, \$1 per 15. Irvin Eaver, Sen. Haven, Pa. 3-3

SINGLE COMB RHODE ISLAND REDS. Eggs from pen headed by a 9½-lb. cock scoring 94½, \$2.50 per 15; other pens, \$1. Jesse Maricle, Mill Shoals, Ill. 3-3

TUTTLE'S CHOICE R. C. REDS. Eggs, \$3 15. Chicks, \$6 doz. Express prepaid. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

LESTER TOMPKINS' STRAIN S. C. R. I. Reds. Prize winners. Satisfaction guaranteed. Eggs, \$3 and \$1.50 per setting. E. F. Ramm, New London, Wis. 3-3

UTILITY RHODE ISLAND RED eggs, both combs. P. M. Ingram, Route 20, Brighton, Ill. 3-3

ELY'S SINGLE COMB REDS. Wonderful layers. Blue ribbon winners. Eggs, \$2 per setting. Dr. W. L. Ely, Fredericktown, O. 3-3

EGGS FROM GOOD farm range R. C. Rhode Island Reds, one dollar per fifteen. Mrs. E. V. Lane, Lacon, Ill. 3-3

SINGLE COMB REDS. Eggs from eight yards of extra fine matings at \$2 for 15. Write if wishing further information. W. E. Snively, Hudson, Ill. 3-3

SINGLE COMB RHODE ISLAND REDS. free range. Fifteen eggs, \$2. J. P. Rosen, Faribault, Minn. 3-3

SINGLE COMB RHODE ISLAND Red eggs for sale, \$2.50 for 15. Bred to standard. Wm. Roeger, Elmwood Ave., Ft. Wayne, Ind. 3-3

MUSICK'S FAMOUS ROSE COMB Reds won 4 firsts, highest scoring display, all specials, Bloomington, 1910. Tuttle strain. Eggs, \$3 15, \$5 30. Satisfaction guaranteed. George Musick, Route 6, Bloomington, Ill. 3-3

R. C. REDS. Eggs from the grand winter layers, \$1.50 15. Fred Meyer, Lexington, Ill. 3-3

THREE PENS OF REDS. Eggs and baby chicks at bargain figures. Circular free. I. C. Tobias, Sargent, Neb. 3-3

ROSE COMB REDS—Tuttle strain. Exceptionally fancy stock. Eggs, \$2 per 15. T. S. Walker, Riceville, Ia. 3-3

ROSE COMB RHODE ISLAND REDS. Winners at Minneapolis. Eggs, \$1 for 15. Stock for sale. Famo Poultry Ranch, Alden, Minn. 3-3

CHOICE S. C. R. I. RED eggs and cockerels for sale. I won three times as many first prizes as any one exhibitor in a large class of fine show birds. Eggs, \$2 per 15. Robert L. Smith, Route 10, Sidney, O. 3-3

EGGS FROM SINGLE COMB REDS. Send for winnings and mating list. Chris. Dahlgard, St. Charles, Ill. 3-3

IF YOU WANT Reds that are red, both combs, I have them. Eggs, \$1 setting; \$5 100. Willis Slate, So. Windham, Conn. 3-3

PRIZE WINNING STRAIN of Rose and Single Comb Rhode Island Reds. Eggs, \$2 and \$3 per setting. Chas. Kolar, 2704 So. Central Park Ave., Chicago. 3-3

R. C. REDS THAT WIN and lay. Score 91-94½. 15 eggs, \$1 to \$3. George Moyer, Berrien Springs, Mich. 3-3

S. C. RHODE ISLAND REDS. Eggs for hatching from the most famous strains, \$2 and \$3 per 15. Write for particulars. Strasburg Poultry Yards, Strasburg, Ohio. 3-3

ROSE COMB REDS. Four fine pens. Mating list free. J. A. Stormont, Salem, Ill. 3-3

REDS, S. C., EGGS, \$1 per 15. Catalog free. M. D. Lyster, St. Johnsbury, Vt. 3-3

ROSE COMB RHODE ISLAND REDS. Eggs from choice matings, including many prize winners and high scoring birds, \$1.50 per 15; \$6 per 100. Satisfaction guaranteed. J. H. Verploegh, Pella, Iowa. 2-3

ROSE COMB REDS that stay red. Eggs from blue ribbon winners, \$2 and \$3 per 15, guaranteed fertile. C. E. Bailey, Big Rapids, Mich. 2-3

REDS, SINGLE AND ROSE. Order your day-old chicks now, \$10 to \$25 per 100. Eggs for hatching, \$1.50, \$2, \$3, \$5. Blenheim Poultry Farm, Doylestown, Pa. 2-3

SINGLE COMB REDS—Yes, Doerr's price is right. Stock pure and free from smut. Place order early for eggs or baby chicks. Satisfaction guaranteed. Catalogue upon request. Arti B. Poultry Yards, Joplin, R. R. 4, Mo. 2-3

ROSE COMB RHODE ISLAND REDS—Eight years' experience. Eggs, 15, \$1; 30, \$1.75; 100, \$5. Israel Kinney, Route 7, Bellefontaine, Ohio. 2-5

LESTER TOMPKINS' STRAIN RHODE ISLAND REDS—Both Combs, bred to lay and exhibit. Stock for sale. Eggs for hatching, \$1 per 15; \$5 per hundred. J. M. Drumm, Mercersburg, Pa. 2-4

SINGLE COMB REDS—Three fine matings. Eggs, \$1.25 per 15; \$2.25 per 30; order now. James Hawke, Jr., Sheffield, Iowa. 2-3

ROSE COMB REDS exclusively. The kind that win and lay; none better but few as good. Eggs, 15, \$1; 50, \$3; 100, \$5. Elmer Montgomery, Dexter, Mo. 2-3

CRANE'S HIGH CLASS SINGLE COMB REDS are always in the winning because they conform closely to standard requirements. Eggs, \$1.50 per 15 and \$2.50 per 30, from same pens that produce my winners. Harry R. Crane, president Illinois Branch National Single Comb Red Club, Grafton, Ill. 2-3

ROSE COMB REDS—Eggs for hatching, \$2 per 15; utility eggs, \$1 per 15. Fred Brum, Collinsville, Ill. 2-3

S. C. RHODE ISLAND REDS exclusively. Eggs, 15 for \$1; 100 for \$4. Best of stock; orders booked now; good hatch guaranteed. Address Lucius D. Hopkins, Big Suamico, Wis. 2-3

R. C. RHODE ISLAND REDS—Prize-winners. Eggs from special matings, \$3 per 15; \$5 per 30. Free range, \$1 per 15; \$6 per 100. Lucy E. Taylor, Aledo, Ill. 2-4

EGGS FOR HATCHING—From prize-winners, bred for laying qualities. Rose Comb Reds exclusively. Price, \$2, \$3, \$5 per 15. Correspondence solicited. J. F. Mawby, Aledo, Ill. 2-3

RHODE ISLAND REDS—Eggs from fine stock, \$1.25 per 15. Elnora M. Keller, Ft. Recovery, Ohio. 2-3

NASH'S RUBY REDS, both combs, Detroit, Indianapolis, Toledo, Ohio State Fair winners; booklet free. Merrit J. Nash, West Toledo, Ohio. 2-3

SINGLE COMB RHODE ISLAND RED cockerels, fine, rich colored birds. Price, \$1. Eggs in season, \$1.50 per 15. L. P. Mautz, Watson, Ill. 2-3

KERN'S "RED COAT" strain of Single Comb Reds. Winners at Cedar Rapids, Muscatine, Montezuma and Washington. Write for "Special" on high-class eggs to new customers. Frank L. Kern, Riverside, Iowa. 2-3

REDS, BOTH COMBS—Won \$40 cup at Marion for highest scoring male in show. White Brothers, Box 0, Sunbury, Ohio. 2-3

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RHODE ISLAND REDS—Famous Riverside strain; bred twelve years for earliest continuous winter layers. Pullets proved steady gold mine this fall and winter; sittings, \$1.50 cash, fertility guaranteed. Henry Tibbits, Riverside, Ill. 2-3

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SINGLE COMB REDS—De Graff strain. Eggs, \$1 and \$2 for 15. Wm. Stumm, Boody, Ill. 2-3

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THE HEN THAT LAYS is the hen that pays. Rhode Island Whites mature quick. Big layers, fine broilers and roasters. Free catalogue. C. A. Foster, Colonial Poultry Yards, Akron, Ohio. 4-3

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ROSE COMB WHITE MINORCAS. St. Louis, Oshkosh winners. Eggs, \$2 15. Circular. Thos. Brogren, Rush Lake, Wis. 4-1

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SINGLE COMB BLACK MINORCAS for eight years. Five ribbons on six entries Quincy Poultry Show, 1909. Eggs, \$1.50, 15; \$8, 100. Ben Moenning, Quincy, Ill. 4-1

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SINGLE COMB BLACK and Barred Minorcas. In Blacks I have three fine pens of prize winners. Eggs, \$5 per 15. In Barred, two fine pens at \$10 per 15. J. Harry Johnston, 23 East Main, Uniontown, Pa. 4-3

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STANDARD BRED SINGLE C. B. Minorcas. The kind that win, the kind that pay. Eggs, \$3 per setting of 15; \$5 per 30. E. S. Denbo & Son, Orleans, Ind. 4-3

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SEND ME your Rose Comb Black Minorca orders. My stock lay lots of eggs, are farm raised from the highest priced pedigreed stock. I won 1, 2, 3 cockerel, same on pullets, 1 on hen, at the recent Schenectady show. Eggs, \$3 for 15. Walter Talbot, Schenectady, N. Y. 3-3

WE ARE NOW BOOKING orders for eggs from Northrup and Campbell strains Rose Comb Black Minorcas. Stock scores from 93 to 95. Eggs, \$2 per 15. Write us. Lester E. Pierce, Wakeman, Ohio. 3-3

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STEVENS' S. C. B. MINORCAS—I have a nice lot of males and females for sale. Also eggs from 4 pens of selected breeders. Write for circular. J. Frank Stevens, New Castle, Pa. 3-3

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SINGLE COMB BLACK MINORCAS exclusively. Eggs for hatching from standard bred stock, extra good layers of large white eggs, \$1.50 per setting; \$4 per 3 settings. Elm Poultry Yards, Elmhurst, Ill. 3-3

ROSE AND SINGLE COMB White Minorcas. 15 eggs, \$1.50, from choice birds. Chas. Palmer, Nassau, N. Y. 3-3

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400 ROSE COMB BLACK MINORCAS—Clark strain, direct. Incubator eggs, \$10 per hundred. Orders for less not solicited. The A. Sanders Commercial Egg Farm, Hillsboro, Ind. 2-3

HERE IS YOUR CHANCE to buy eggs from the great egg producing Blue Grass strain. Single Comb Black Minorcas from trap-nested hens at, 15, \$1.50; 50, \$4; 100, \$6. R. S. Oetzel, New Richmond, Ohio. 2-3

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SINGLE COMB BLACK MINORCAS—Eggs. \$2 per setting, from prize-winners. Fertile and satisfaction guaranteed. Gus Steffen, Bismarck, Mo. 2-3

SINGLE AND ROSE COMB BLACK MINORCAS—Northrup, Sutton and other leading strains; will sell eggs for hatching. Write your wants and I will insure satisfaction. B. D. Staley, Chambersburg, Pa.; Franklin Co. 2-4

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MEISELBACH'S WHITE MINORCAS—First prize winners Chicago and New York. Stock and eggs. Write for circular. Harry Meiselbach, Melrose Park, Ill. 2-3

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S. C. WHITE MINORCAS—Won three firsts on five entries Missouri State Show. Pennington's Poultry Farm, 27th and Sumner, Lincoln, Neb. 11-09-lyr

SINGLE COMB BLACK MINORCAS—Parent stock direct from Northrup. Cockerels, \$5; pullets, \$4; trios, \$12; eggs, 15, \$2.50; 30, \$4.50; 50, \$6; 100, \$10. No culls. R. Seymour, Gurnee, Ill. 2-3

ROSE COMB BLACK MINORCAS—Exclusively. Pure Northrup strain. High scoring prize winners mated for best results. Eggs and stock for sale. Satisfaction guaranteed. C. H. Ley, Port Washington, O. 2-3

ROSE COMB BLACK MINORCAS. Eggs, \$2.00 per 15. From the 1909 Chicago Show exhibition birds of Mishler, Didrickson and Schroeder. John Denvir, 1847 S. 40th Ave., Chicago. 2-3

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PINKNEY HOUDANS—Winners at Indianapolis show, 1910. Some of the greatest breeders in U. S. competing. First pullet, second cock, fourth and fifth hen, out of five entries. Catalogue. E. A. Trueblood, R. 9, Box 17, Salem, Ind. 3-3

GROTT'S IMPORTED HOUDANS were brought across from France by a friend of mine. Every bird I own has bred from these birds. Have eggs, breeders and scored stock for sale. Frank T. Grott, Kiel, Wis. 3-3

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HOUDANS—15 EGGS. 75c. Fine cockerels. Weber Bros., Maugansville, Md. 3-3

HOUDANS EXCLUSIVELY—The coming bird. A few settings of eggs for hatching from prize-winning hens; excellent winter layers. Pen No. 1, \$3; No. 2, \$2 for 15. S. M. Crosby, Leechburg, Pa. 2-4

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HOUDANS EXCLUSIVELY, McAvoy strain. Ideal birds. Eggs, \$2 per 15. Richard Pengilly, Albany, Wis. 3-3

HOUDANS—BEST STRAINS—Stock, \$1.50 and up. Eggs, \$2 per 15. W. W. Cook, Box A, University Heights, Madison, Wis. 2-3

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HOUDANS—exclusively for 14 years. At late St. Louis Show won 1st, 2nd cock, 1st hen, 1st pen. Eggs, \$3 straight. A few cockerels to spare. Louis Fallier, the Houdan Specialist, Newton, Ill. 2-3

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SILVER SPANGLED HAMBURGS, spangled from head to hock. Eggs from two grand pens, Madison Square Garden and Kingston winners, \$2 per 15. P. C. MacDonald, Kingston, N. Y. 4-3

SILVER SPANGLED HAMBURGS. Eggs from fine birds, \$2 per 15. Cedar Hedge Poultry Farm, Savannah, Ohio. 4-3

SILVER SPANGLED HAMBURGS. White Wyandotte eggs for setting, \$1 15; \$5 100. H. H. Scott, Sinks Grove, W. Va. 3-3

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SILVER SPANGLED HAMBURGS—Original of the "Black Diamond" strain. Bred in line for twelve years. First Madison Square winners in my yards. I won every first and special at Columbus, Greenwich, New London and Mansfield, Ohio. Breeders for sale. Eggs, \$2.50 per 15; \$4 per 30. Descriptive circular free. Satisfaction guaranteed. Will L. Clark, Sullivan, Ohio. Member Hamburg Fanciers' Club. 2-10-11.

SILVER SPANGLED HAMBURGS—Won 30 prizes, 3 silver cups, at 4 shows. Silver cup for best male and female; 1st pen, 1st and 3d cockerel, 4th and 5th pullet, St. Louis; 72 birds in competition. Eggs, \$2, \$4, \$5, per 13. Cockerels for sale. Dr. Reiffert, Quincy, Ill. 2-3

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SILVER SPANGLED HAMBURGS—Eggs from good stock that will hatch; \$2 per 15; three settings \$5. Orval Jeffris, Kirksville, Ill. 2-3

EGGS FROM HIGH-GRADE Golden Pencilled, Golden and Silver Spangled Hamburgs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

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IMPORTED ENGLISH RED CAPS. Eggs, \$3 per 15. Raymond Weidenfeller, Mineral Point, Wis. 3-3

RED CAPS—Eggs, \$2.50 per 15; \$4 per 30. W. E. Schackmann, Newton, Ill. 3-3

EGGS FROM PRIZE-WINNING English Red Caps in season. One cock, 4 cockerels; extra fine birds. Winners wherever shown. J. L. Laning, Johnstown, N. Y. 2-3

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OAKWOOD FARM STRAIN Buff and Partridge Cochins. Winners at Chicago and other leading shows. Stock for sale. Write for mating list. DeWitt Yates, St. Anne, Ill. 3-3

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BUFF COCHINS—Young stock; cockerels, \$2, \$3; pullets, \$1.50, \$2 each. Thomas Holland, Athens, Ill. 2-3

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FARM REARED BLACK LANGSHANS. High scoring birds. Flock in prime condition. Splendid layers. Eggs, 15 for \$1.50; 30 for \$2. S. H. Muck, Mill Shoals, Ill. 4-3

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LANGSHANS OF QUALITY. Line bred for 8 years. Some good cockerels for sale. Fertile eggs from winners of silver cup and state show prizes, \$3. E. R. McCormick, Letts, Ia. 3-2

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BEST LANGSHANS. Stock and eggs. J. M. Rupard, Olmsted, W. Va. 3-3

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WHITE LANGSHANS MY SPECIALTY—Greatest of winter layers. Eggs from my exhibition pen \$2 per 15; your inquiries solicited. C. Leitnaker, Basil, O. 2-3

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BLACK LANGSHANS, trapnested; 22 eggs in February from one hen. Eggs, \$2.00 15; 45, \$4.50. Homer Garges, Iuka, Ill. 2-3

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EGGS FROM PRIZE WINNING Light Brahmas, \$2 per setting. Free circular. Philip Thorwarth, Genoa, Ill. 4-3

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LIGHT BRAHMAS, scoring 92 to 94½. Eggs, \$3 for 15. Reo Pickens, Haskins, Iowa. 3-3

LIGHT BRAHMAS. Prolific layers, farm raised, line bred, prize winners. A vigorous, healthy bunch of youngsters ready for shipment. L. C. Blodgett, Columbia Sta., O. 3-2

LIGHT BRAHMAS. Exhibition grade only. Eggs, \$3 per 13. No stock for sale. James Pilow, Cold Spring-on-Hudson, N. Y. 3-3

LIGHT BRAHMAS EXCLUSIVELY 15 years. Extra fine. Eggs, \$1.50 for 15; \$2.50 for 30. A. T. Baird, Eureka, Ill. 3-3

LIGHT BRAHMAS. Eggs, \$3 per 15. Pen 1 headed by 1st cockerel Kansas City. Pen 2 headed by cock scoring 95. Hens score to 95½. Pullets to 96½. Stock for sale. Kinney I. Miller, Box T, Lancaster, Mo. 3-3

LIGHT BRAHMA eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

DARK BRAHMAS. High class stock. Scientifically mated for grand results. Eggs, \$3 per 15. J. A. Zollinger, Goshen, Ind. 3-3

LIGHT BRAHMAS—Mammoth Strain. The great world winning strain. Eggs from our best pens, \$3 for 15. Fine stock at reasonable prices. H. T. Rogers, The Elms, Cainsville, Mo. 2-3

LIGHT BRAHMAS—Prize-winners, for sale. Eggs, \$3 setting of 15. Chas. Bowling, Basil, Ohio. 2-3

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"AMERICAN BEAUTY" ANCONAS, leading strain. First Toledo, Cleveland, Cincinnati. Stock, eggs, chicks. Stamp for catalogue. Kearns-Preston Poultry Plant, Ripley, O. 4-3

ANCONAS—Anconas, dark, well mottled, single comb. Eggs, 15, \$1.50. A. J. Spittler, Cass City, Mich. 4-3

LEE'S ANCONAS. Greatest winter layers. Choice stock. 15 eggs, \$1.50; 30, \$2.50. Lee Brothers, South Otselic, N. Y. 4-1

BEDFORD'S ANCONAS—Both combs. Greatest of layers. Get some eggs from my St. Louis, Cleveland and New York first prize winners. H. M. Bedford, Strongsville, Ohio. 4-3

EGGS FROM HIGH SCORING BIRDS. Single Comb Anconas, fifteen eggs, \$5; and three dollars for fifteen eggs Andalusians the same. L. Lanke, Waukesha, Wis. 4-3

ANCONAS. PRIZE WINNERS Cambridge, Schenectady, North Adams, six special prizes, scoring 92 to 94½, \$2.00 setting. Reply for stamp. Member American Ancona Club. Edw. Allen, North Hoosac, N. Y. 4-3

"ANCONAS"—93 to 95-point 5 to 7-pound hens. Unexcelled in standard and utility. Your satisfaction complete. You get the best. Eggs, \$2. T. B. Rogers, Upper Sandusky, Ohio. 3-3

MOLTED ANCONAS, the greatest layers in existence. Bred for egg production and purity of stock. Eggs, \$1.50 per 15. W. B. Lashley, Powhatan Point, Ohio. 3-3

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ANCONA EGGS from prize-winning, high-scoring mating, \$2 per 15. P. E. Gregoire, Newton, Ill. 3-3

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HUBBARD'S FAMOUS ANCONAS, best winter layers known. Dark under-color, beautifully mottled, large, vigorous and handsome. Eggs for hatching from prize-winning stock, \$2 per 15. G. H. Hubbard, Lock Haven, Pa. 3-3

ANCONAS—GREATEST WINTER LAYERS. Eggs from large, vigorous, nicely mottled stock, dark under-color, yellow shanks, choice matings, \$2; utility, \$1. Circular. R. H. Simcox, Jersey Shore, Pa. 3-3

ANCONAS—CHOICEST, MOST profitable breed. Silver cup winners. Stock and eggs reasonable. George Blencoe, Alma Center, Wis. 3-3

ANCONA HATCHERY—Won first prizes 22 shows. Chicks or eggs. Circular. C. A. Knight, Ancona Specialist, Olena, Ohio. 3-3

ANCONAS—THE BREED THAT LAYS—Eggs from good stock, \$2 per 15; three settings, \$5. Sylvan Jeffris, Kirksville, Ill. 2-3

ANCONAS, THE RIGHT kind. Correspondence invited. H. B. Rodgers, Troy, Ohio. 3-3

ANCONAS FROM THE BEST STOCK in the U. S., England and Wales. Farm raised, free range flocks. Eggs. Mrs. Adaline R. Gosler, Mathfield Green, Kan. 2-3

BOWLING'S IDEAL ANCONAS—Winners of the blue wherever shown. Eggs from pens scoring 91 to 94, \$3; utility, \$1.50 per 15. Chas. Bowling, Basil, Ohio. 2-4

ANCONAS, SINGLE COMBS, exclusively. March & Shepard's strain; greatest layers known. Guaranteed pure bred. Eggs, \$1.50, 15; \$2.50, 30; \$6, 100. Member Ancona Club. C. W. Winston, South Westerly, N. Y. 2-3

ANCONA EGG SETTINGS—From my famous single comb HEDGEWOOD ANCONAS. Frank C. Stier, state vice-president International Ancona Club, Cleveland, Ohio. 2-3

ANCONAS—GREATEST WINTER LAYERS—Stock and eggs for sale. Paris Ancona Farm, C. H. Zalewski, prop., Paris, O. 2-5

MOTTLED ANCONA EGGS from my great winter laying strain, blue ribbon winners at the big Youngstown and Warren (Ohio) shows; \$1.00 and \$2.00 per setting. A. J. Francis, Youngstown, Ohio. 2-3

ANCONAS, EXCLUSIVELY. The kind that lay and win in the showroom. Stock and eggs for sale. My birds win wherever shown. W. H. Branthoover, Susquehanna St., Wilkinsburg, Pa. 2-3

BANTAMS.

BUFF COCHINS. Eggs from first prize pen. Kearns-Preston Poultry Plant, Ripley, O. 4-3

PRIZE WINNING BANTAMS. All varieties. Circular. Wilbert's Sunset Bantamry, Madison Square, Grand Rapids, Mich. 4-2

BLACK TAILED JAPANESE Bantams, White Japanese Bantams, and Golden Sebright stock for sale. Prices right. Hez. Kinter, Dillsburg, Pa. 4-3

GOLDEN SEBRIGHT BANTAMS. First prize winners 6 shows. Eggs, \$2 setting. George Johns, Oglesby, Ill. 4-3

GOLDEN SEBRIGHT BANTAMS. Eggs, \$1.50 per 15. Fred, 1718 Nelson St., Chicago, Ill. 4-3

BANTAMS—BLACK REDS, Red Pyles, Rose Comb Blacks. Eggs from prize winning and high scoring birds. None better. S. B. Faxon, Schenectady, N. Y. 4-3

LIGHT BRAHMA BANTAMS. Winners at Toledo, Columbus and Indianapolis. Eggs, \$3 per 15. Stock for sale. John Ryan, 1112 Oak St., Toledo, Ohio. 4-3

GOLDEN SEBRIGHT BANTAMS. Grand sweep at Utica, five firsts and all specials; Rochester, four firsts on four entries. Fifteen eggs, \$2. LeRoy Nipe, Frankfort, N. Y. 4-1

EGGS FROM MY PRIZE winning Black Breasted Red Game Bantams, "Parker Strain." Eggs from utility pens, \$2.00; prize winners, \$3.00 per setting of 13. Have some fine young Cocks to sell at from \$2.00 each up. C. L. Cross, Riverside, Ill. 4-3

BLACK, BUFF, WHITE AND PARTRIDGE Cochins Bantams. Walter Schafer, Mt. Pulaski, Ill. 3-2

PARTRIDGE COCHIN BANTAMS — Prize winners. In pen, score 92½, 93, 93½ and 93¾, by Judge Stanfield. Eggs, \$1.50 per 13. Fine stock for sale, \$2, on approval. James W. Adams, Webster City, Ia. 3-3

PRIZE WINNING BLACK-TAILED Japanese Bantams. 15 eggs, \$2. J. W. Baker, Wayne City, Ill. 3-3

BANTAMS—BLACK BREASTED RED Game Bantams, Brown Breasted Red Game Bantams, and Buff Cochins Bantams. Strictly high class. Eggs, \$2 per 15. Dr. Clyde Gray, Quincy, Ill. 3-3

WHITE POLISH BANTAMS—4 firsts, 1 second, Madison Square. Also Golden Sebright, Buff Cochins and Silkie Bantams. Winners at Madison Square and Boston. Stock for sale. Eggs (except Silkies), \$3. Hugh A. Rose, Welland, Canada. 3-3

PRIZE WINNING BLACK-TAILED Japanese Bantams. Eggs, \$2 and \$3 per 15. Mamie Avery, Route 16, Martinsville, Ind. 3-3

GOLDEN SEBRIGHT AND WHITE Cochins Bantams. Stock and eggs for sale. Max Graham, Flushing, Mich. 3-3

AMERICA'S GREATEST BANTAM BREEDERS. Send 2c stamp for circular. Egg orders booked now. Japanese, Sebrights, Cochins, Games, etc. Silver cup winners. Address, Fenn of Delavan, Wis., Box 37. 8-11

BUFF COCHIN BANTAM eggs from matings containing first pen at Cleveland, Ohio, 1910. Orders booked now, \$2 per setting. E. J. Belamy, Wakeman, Ohio. 3-3

BANTAMS.

HIGH CLASS BUFF COCHIN BANTAM eggs, \$1.50 per 15. Union Poultry Farm, Union City, Mich. 3-3

WHITE JAPANESE SILKIES, greatest layers out. Eggs and a few cockerels for sale. G. W. Kinter, Route 1, Dillsburg, Pa. 3-3

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr.

GAME BANTAMS—Brown, Red, Black Breasted Red, Silver Duckwing; also Buff Cochins Seabrights; Polish and Silkies eggs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

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EGGS—WHITE CRESTED BLACK Polish. Renner-Ushler, St. Joseph, Mo. 4-1

TWO DOLLARS, FIFTEEN White Crested Black Polish eggs. Score to 94. Luther Leavitt, Lewistown, Ill. 4-2

WHITE CRESTED Black Polish for sale. Scored by McClave. Alice Rawson, Big Rock, Ill. 4-1

WHITE CRESTED Black Polish stock and eggs for sale. "Catalogue." Snowball Poultry Yards, Ft. Wayne, Ind. 3-3

KAKUSKA'S STRAIN OF WHITE CRESTED BLACK Polish, Plain and Bearded White Polish, and Silver Bearded Polish are the recognized leaders of the west and this season's winners of Silver Cups, Cash Specials, 20 First Prizes, and 12 Second Prizes at Chicago, Cleveland, Milwaukee and Blue Island shows. Stock to suit the most particular. Satisfaction guaranteed. Eggs, \$2 and \$3 per setting. Frank Kakuska, State Vice-President American Polish Club, 1629 Homan Ave., Chicago, Ill. 3-4

WHITE CRESTED BLACK POLISH exclusively. Cocks and cockerels for sale. Eggs, \$2.50 per setting. F. Kuechenmeister, 4838 Cullom Ave., Chicago, Ill. 3-3

WHITE CRESTED BLACK POLISH eggs that will hatch, \$4 per 13, from stock winning at largest shows in the country for past 10 years. Geo. W. Trent, Wilmette, Ill. 3-3

BEARDED GOLDEN POLISH—Prize-winners. Eggs, \$2.50 per 13. P. L. Wilkins, Fredericktown, Ohio. 2-3

BEARDED, GOLDEN-SILVER Buff, Laced and White Crested Black Polish. Eggs for hatching; cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

POLISH, Eggs, \$2.00 per 15. Our Polish won two firsts, one second and one third at the great Chicago Show. Can send eggs from Golden Polish, White Crested Black Polish or Plain White Polish. Our pens are the best in the West. John Denvir, 1847 S. 40th Ave., Chicago. 2-3

ANDALUSIANS.

BLUE ANDALUSIANS. Ten years winning and laying. Eggs, \$2 per 15. Robert Street, Falconer, N. Y. 4-3

BLUE ANDALUSIAN eggs, \$2 per 15. Satisfaction guaranteed. Circular. E. J. Wyant, Burns, N. Y. 4-1

BLUE ANDALUSIANS—Exquisitely beautiful. Winners everywhere, New York, Jamestown, Baltimore, Washington and Richmond. H. Council, Warrenton, Va. 11-09-7mos.

BLUE ANDALUSIAN SPECIALIST—Winners at the leading shows; get my circulars and prices if quality is desired. Cockerels for sale. Eggs in season. H. H. Becker, Gibsonburg, O., Box 12. 2-3

BLUE ANDALUSIANS. Eggs, \$2.00 per 15, from the birds that captured two first prizes at the great Chicago Show. John Denvir, 1847 S. 40th Avenue, Chicago. 2-3

GET THE BEST—Choice imported and domestic Blue Andalusians exclusively. First prize winners at leading shows. Choice stock and eggs for sale. W. T. Naylor, Painesville, Ohio. 2-3

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RED PYLE GAMES with yellow legs. Cockerels for sale. Eggs, \$3 per 15. George Griffin, Brown, W. Va. 3-2

IRISH DARK REDS and Red Pyle Pit Games have never met their equal yet. Stock and eggs for sale. A. J. Tucker, Watseka, Ill. 4-3

LARGE MODERN Pyle and Pyle Game Bants eggs, \$3 per setting. Wm. Hodgins, London, Canada. 4-1

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\$1.00 EGGS, IRISH REDS, Heathwoods. Indian, \$2. C. D. Smith, Fort Plain, N. Y. 2-4

SNOW WHITE INDIAN Games. Stock and eggs. J. D. Pate, Sharon, Tenn. 3-4

EGGS, \$1.50 PER 13—Black, Red and Silver Duckwings, Pit Games. Stamp for circular. Clark Price, Rochester, Mich. 2-3

CORNISH AND WHITE INDIAN GAMES. Imported and prize stock. Eggs, \$2 per 15. White Wyandottes, White Leghorns—Eggs, \$1.50 per 15. Guarantee hatch, or duplicate. Cocks, cockerels. Breeding pens for sale. Baby chicks a specialty. Write for prices. Rath Bros., Turtle Creek, Pa. 3-2

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CORNISH FOWL—Stock from imported Chicago winners. Eggs for hatching. Write for winnings and prices. F. E. Vanderhoof, Decatur, Ill. 3-3

FOR SALE—Cornish Indian Game eggs from prize winners. First pen, \$2 per setting; second pen, \$1 per setting of 13. O. M. Hayes, Shiloh, Va. 3-3

WHITE CORNISH GAME. Eggs from prize winning stock, \$2 per 15. C. D. French, Timberville, Va. 3-3

CORNISH GAMES. Prize winners. Special pens. Circular. Eggs, \$1.50 per 15. Frederick Shank, Timberville, Va. 3-3

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CORNISH INDIAN GAME EGGS, \$2.50 per setting of 15. Guaranteed pure and true to name. Show winners. L. P. Selle, Harvel, Ill. 3-3

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HENNESSY'S CORNISH FOWL won 1st pen great Iowa state show, Des Moines. Eggs, \$3 per 15; a few scored cockerels. Circular free. Hennessy Bros., Strawberry Point, Ia. 3-3

CORNISH FOWL—High-class winners at Madison Square, Washington and other eastern shows. Circular. Ray S. Wampler, Timberville, Va. 2-4

DARK CORNISH—Eggs from fine, large, blocky, well laced birds, \$2 per 15; fine 9-lb. stag for sale. C. Leitnaker, Basil, Ohio. 2-4

CORNISH—winners wherever shown. Send for circular describing my birds and matings; a few cockerels left. Dr. R. B. Munn, Box 32, Hampshire, Ill. 2-3

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PEARL GUINEAS—Eggs, \$1 per 15; \$2 per 36. J. L. Hoak, Spencerville, Ohio. 4-3

WHITE GUINEAS and thoroughbred chickens and eggs for sale by Zipp & Sons, St. Clair, Mo. 2-3

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BABY CHICKS. Best strains. S. C. W. Leghorns, \$10 per 100; 2 and 4 weeks, \$17 and \$25; reduction on lots. Six weeks' cockerels, 25c. James Porter, Bloomville, N. Y. 4-3

QUALITY BABY CHICKS, 10c up, from prize winning S. C. White and Brown Leghorns, White and Barred Plymouth Rocks, White Wyandottes. 24 page catalogue free. Peerless Poultry Farm, Kenton, Ohio. 4-3

DAY OLD CHICKS. Barred Rocks, \$10 a hundred. Shipment guaranteed. Order today. Mrs. J. Kiger, West Alexandria, R. R. 1, Ohio. 4-3

BABY CHICKS of Fishel Rock and Wyandotte males. Prices to suit all. Mrs. M. B. Williams, Salisbury, Mo. 4-3

BABY CHICKS. Rose Comb Black Minorcas from heavy laying prize winners. Glennwood Hatchery, Box 351, Poplar Ridge, N. Y. 4-3

BABY CHICKS THAT GROW. R. I. Reds, White Rocks, Buff Orpingtons, White, Buff and Partridge Wyandottes, from best of stock, 15 cents each. Bert L. Allyn, Route 5, Aurora, Ill. 4-1

BARRED ROCK AND BROWN LEGHORN CHICKS—\$10 per 100. Gem incubator and brooders. Mrs. F. Unger, Route 1, Lewisburg, Ohio. 3-3

BABY CHICKS AND EGGS from forty varieties. Elmer Shoultes, Newark Valley, N. Y. 4-3

BABY CHICKS—From prize winning Buff Plymouth Rocks, \$15 per 100. Mrs. H. F. Burke, Scottsville, Kan. 3-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-4

BABY CHICKS—From the famous Sunflower strain. Barred Rocks and Brown Leghorn chicks also. Eggs for hatching. Pure stock; satisfaction guaranteed. We pay express. Mrs. W. F. Cristman, Scottsville, Kan. 3-2

BABY CHICKS FROM STANDARD S. C. Rhode Island Reds, S. C. Buff Orpingtons, White Wyandottes. Any kind 10 cents each for all you want. Shipped safely 2,000 miles. Prompt shipments. Aurora Hatchery, 232 Fifth St., Aurora, Ill. 3-3

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BABY WYANDOTTES—Any color, fancy or utility; arrival guaranteed. Roy Bowers, Sycamore, Ohio. 2-3

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CHICKS—Single Comb Brown, Buff and White Leghorns, Buff Orpingtons, Reds, Hamburgs and Partridge Wyandottes. Pure stock guaranteed. Circular. Wyngarden Hatchery, Vriesland, Mich. 2-5

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BUCKEYES, THE GREATEST LAYERS ever bred. Mrs. Gertrude Earl, West Quincy, Mass. 3-3

BUCKEYES EXCLUSIVELY, ninth year, Cincinnati firsts 1907-8-9. Gardner Dunning, Cincinnati, Ohio. 3-2

BUCKEYES—Stock and eggs for sale. Circulars free. Lindley Place, Meshoppen, Pa. 3-2

WILDWOOD FARM STRAIN BUCKEYES. Prize winning stock. Orders taken now for eggs. Send for catalogue. Mrs. E. C. Miller, 18 Laurence St., Wakefield, Mass. 3-3

BUCKEYES—AT MISSOURI STATE SHOW, St. Louis, 1909, in largest class of Buckeyes ever shown in America, won 1st pen, 1st hen, 4th and 5th cockerels, silver cup for best male and female. Eggs, \$2 per 15, three settings for \$5. Exhibition mating, \$5 per 15. No stock for sale until fall. Highland Poultry Farm, Box A, Nevada, Mo. 2-3

BUCKEYES EVENTUALLY—Why delay? Three firsts St. Louis. Eugene Cowles, Shelbyville, Ky. 2-3

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SILVER GRAY. Two score years breeding have produced remarkable fine birds, hardy, good layers, winning many prizes in largest shows. Birds for sale. Eggs, \$3 per setting, two for \$5. Henry Hales, Ridgewood, N. J. 3-3

ELMWOOD COTTAGE POULTRY YARDS, J. H. Pitney, Prop., Eagle Bridge, N. Y. Colored, White and Silver Gray Dorkings. Eggs, fifteen, \$1.50; thirty, \$2.50. 2-3

SILVER GRAY DORKINGS exclusively for 21 years. Won more first and special prizes at New York and Boston the last thirteen years than all my competitors combined. Late winners, 1910, \$100 champion challenge cup, Dorking Club cup, silver medal, first collection and shape and color specials. Eggs, \$3, 13; \$5, 26. Watson Westfall, Sayre, Pa. 2-4

SPANISH.

WHITE FACE BLACK SPANISH eggs, 15 for \$1.20. Winnie White, Watson, Ill. 2-3

WHITE FACED BLACK SPANISH eggs \$1.50 per 15. First prizes at three shows. Robert Sutton, Solon Mills, Ill. 3-3

WHITE FACE BLACK SPANISH eggs, 15 for \$1.50; 30 for \$2.50; 100 for \$5. Good stock. Louella E. Jaqua, Portland, Ind. 3-3

WHITE FACED BLACK SPANISH. None better bred; from winners at Montreal, Pan-American, Jamestown, Boston and Cleveland. Eggs, \$2 per setting. Satisfaction guaranteed. T. T. Murray, Columbus Ave., Sandusky, Ohio. 3-3

WHITE FACE BLACK SPANISH. Best in America. Eggs, \$1.25 for 15. Stock for sale. Satisfaction guaranteed. Circular free. M. H. Lindsey, Northville, N. Y. 2-3

BLACK SPANISH eggs from high-scoring birds, \$1.50 per 15. Have cockerels to spare. Emil Busch, Freistatt, Mo. 2-3

BUTTERCUPS.

SICILIAN BUTTERCUPS. Bred by H. V. Meeker, 1114 Earl, Toledo, O. 4-2

BUTTERCUP EGGS FOR HATCHING from a carefully selected pen. Circular free. Ray Rickard, Schoharie, N. Y. 4-2

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KLONDIKE! FLUFFS! New breed of all-purpose fowls, good winter layers, feathers useful, splendid table bird, cannot fly. Circular free. Wm. R. Black, Bolivar, Ohio. 3-3

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LONG TAILED JAPANESE Phoenix fowls. Cock's tail, 3 to 4 feet long; saddle feathers, 18 inches. Good layers. Eggs, \$3. Stamp for illustrated circular. S. G. Egger, Lewisville, Ohio. 4-3

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MAMMOTH BRONZE TURKEY eggs, \$2 per 12; \$4 per 26. M. H. Murray, Calamine, Wis. 4-2

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 360. 2-1f

MAMMOTH WHITE HOLLANDS. Winners at St. Louis and other great shows. Best of quality, size and vigor. Eggs, \$5 per eleven. J. A. Bickerdike, Millersville, Ill. 3-3

BRONZE TURKEY eggs 25c each. O. J. Austin, Pana, Ill. 3-3

BRONZE TURKEY AND BUFF ROCK eggs for sale. Choice matings. Cecil L. Wheelock, Tampico, Ill. 3-3

JUMBO BRONZE TURKEYS from 50-pounders, 29 ribbons in three shows. Large bone, white edgings, score to 97½, 10 eggs \$3. C. R. Smith, Burnt Prairie, Ill. 3-3

WHITE HOLLAND TURKEYS (Fleck), containing many high scoring prize winners. Eggs, \$3 per 10. W. A. Smith, Burnt Prairie, Ill. 3-3

WILD AND BRONZE TURKEYS AND EGGS—Handsomely Catalogue free, showing Wild Gobbler right from the mountains. Valley View Poultry Farm, Belleville, Pa. 2-3

LARGE WHITE HOLLAND TURKEYS—30-lb. Toms. Eggs, 13, \$2; 50, \$7.50; 100, \$15. Write wants; circular free. J. C. Hodges, Waterloo, Ind. 2-4

DUCKS.

INDIAN RUNNER DUCK eggs, 10c each. Wm. Longmore, Kansasville, Wis. 4-3

INDIAN RUNNER DUCKS. Imported stock. Magnificent exhibition strain. Flock averaged 204 eggs each per year. We are booking egg orders from the best stock in the entire country at only \$2 per 11. Hillcrest Duck Farm, G. W. Maglott, Manager, Hillcrest, O. 4-3

MAMMOTH PEKIN DUCKS. First prize winners. Eggs, 12, \$1, from heavy laying, choice, vigorous stock. J. E. Montgomery, Nashport, Ohio. 4-1

INDIAN RUNNER DUCKS. Imported stock. True Fawn and White. Eggs, \$2 per fifteen. F. L. Reinhardt, Ottumwa, Iowa. 4-3

INDIAN RUNNER DUCKS, finest quality and heavy laying strain. Eggs now \$1.50 per setting of thirteen. Special prices on lots of fifty or more. Mrs. Jonas Pollock, R. D. 9, Goshen, Ind. 3-3

MAMMOTH PEKIN AND INDIAN Runners. First prize stock. Eggs, ducklings. Kearns-Preston Poultry Plant, Ripley, O. 4-3

BUFF ORPINGTON DUCKS, "Cook's." White pin feathered, heavy layers. Tested eggs. Catalogue. K. K. Welday, Seville, Ohio. 4-3

EGGS FROM BIRDS MEETING the new 1910 Revised Standard requirements (which revision I advised), \$3 per 12; \$25 per 100. My original Ginger Fawn Strain Indian Runners are the largest winners in the States and Canada. There's a reason. Carl Byers, Hazelrigg, Ind. 4-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1yr

FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1yr

INDIAN RUNNER DUCKS exclusively. Finest quality and heavy laying strain. Order eggs now, \$1 per setting 13. Aaron Fisher, La Park, Pa., Box 32. 4-3

DOMESTICATED ¾ WILD Mallard Decoys. Birds or eggs. Reasonable. John Peacock, Jr., Morris, Ill. 3-3

EGGS FROM FINE LARGE White Muscovy Ducks, \$2.00 per setting. A few large young drakes to sell, \$2.00 to \$3.00 each. C. L. Cross, Riverside, Ill. 4-3

FOR SALE—Green Muscovy ducks, \$5 a trio. Apply, Mrs. Allen, West Hinsdale, Ill. 3-2

INDIAN RUNNER DUCKS—Excellent quality, thoroughbred. Eggs, \$1.50 per 11. Few choice drakes for sale. F. H. Thompson, Emsworth, Pa. 3-2

ROUEN DUCKS. CHOICE EXHIBITION stock with size and quality. Eggs, \$2 per 12; \$5 per 36. Address Edw. Davidson, Box 18, Carey, O. 12-09-1f

INDIAN RUNNER DUCKS. Standard bred, fawn and white. Ten years of careful breeding has produced a remarkable exhibition and laying strain. Eggs from high scoring pens only \$1.50 for 11. George Barkdoll, West Unity, Ohio. 3-3

¾ WILD MALLARD decoy eggs, fair hatch guaranteed. Chas. Jackson, Alhaila, Tex. 3-3

INDIAN RUNNER DUCKS. BETTER THAN EVER. Pens headed with drakes of Hunt's famous 280-egg strain of England. White eggs. Eggs, \$1.25 per 13. New drakes. Asa O. Pence, Converse, Ind. 3-3

PEKIN DUCKS. First prize winners in three shows. Eggs, \$1.25 per 13. W. A. Smith, Burnt Prairie, Ill. 3-3

BUFF ORPINGTON DUCKS. Mammoth Buff Geese. Eggs only. J. H. Leatherman, Wadsworth, O. 2-3

COLORED MUSCOVY DUCKS—Have several fine young drakes and a few females left. Am booking orders for eggs for April delivery. Walter E. Besecker, Delavan, Wis. 2-3

INDIAN RUNNER DUCK EGGS, from utility stock, \$1 per 13, \$6.50 per 100; fawn and white pen, No. 1, from Cleveland and New York winners, \$3 per 15; pen No. 2, headed by Drake from New York, winner, \$1.50 per 15. Kent Jennings, Mt. Gilead, Ohio, Route 2. 2-4

INDIAN RUNNER, FAWN and WHITE Duck eggs, 10c per egg. A. J. Francis, Youngstown, Ohio. 2-3

GEESE.

MAMMOTH TOULOUSE GEESSE eggs, 20 cents each. Fred Scholl, Memphis, Ind. 4-2

TOULOUSE GEESSE eggs, 20 cents; dozen, two dollars. L. Engelhart, Edwardsville, Ill. 4-1

EMBDEN GEESSE. Eggs, 20c apiece; one extra with order of twelve. Martha Montgomery, R. 2, Dexter, Mo. 3-3

TOULOUSE GEESSE—McClave. Stock and eggs. Harris Crewe, Still Pond, Md. 2-2

TURKEYS, DUCKS AND GEESSE.

TOULOUSE GEESSE, very large; eggs, 25c each. Pekin Ducks (Japanese and Rankin), 11-pound drakes. Eggs, \$1 per 12; 100, \$5. Springbranch Poultry Farm, Belleville, O. 3-3

GEESSE—MAMMOTH TOULOUSE and White China. The winning kind. Eggs, 25c each. Ducks—Big Pekin, Rouen, Cayuga, Indian Runner, Colored and White Muscovy, Gray and White Call. Exhibition strain. Eggs, 15c each. B. W. Brorein, Wapakoneta, Ohio. 3-3

EGGS FROM PRIZE WINNING STOCK. Toulouse Geese, Embden Geese, Rouen Ducks. Eggs sure hatch. Eggs, 30c each and 10c each. Wm. P. Sutter, Fairbury, Ill. 3-3

WHITE CHINA GEESSE—1st prize winners at Chicago. Biggest layers, best feathers. Eggs, 25c each. Choice Indian Runner Duck eggs, 11, \$2.50. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 2-3

SEVERAL BREEDS.

EGGS FROM S. C. BUFF ORPINGTONS and Indian Runner Ducks, \$1 for fifteen. Mrs. John Wilson, Mt. Carroll, Ill. 4-1

BUFF ORPINGTONS and Columbian Wyandottes. Stock and eggs. Satisfaction. W. B. Sudborough, Bristol, Ind. 4-1

EXTRA BIG BONED, high scoring poultry. Black Langshans, greenish, glossy black color, black eyes. R. C. R. I. Reds, red to skin, blood red eyes. Eggs, \$1.50 for 15; \$2.75 for 30. Good hatch, good stock guaranteed. Score 92 to 96 points. Osterfoss Poultry Farm, Hedrick, Iowa. 4-3

20 EGGS, \$1. Reds, Rocks, Wyandottes, Leghorns, Minorcas; 30 other varieties. Also Pigeons, Hares, Ferrets, etc. List free. A. L. Berger, Telford, Pa. 4-3

52 LEADING VARIETIES POULTRY, pigeons, hares. Stock and eggs for sale. Catalogue free. H. M. Musselman, Box 30, Morwood, Pa. 2-3

EGGS, 15 \$1; 100, \$5. Barred, White Rocks, White Leghorns, Milton Brown, Route 3, Attleboro, Mass. 3-3

BUFF ROCK AND SINGLE COMB Buff Leghorn cockerels, \$1.25 to \$3. Eggs for hatching, \$1, \$1.50 and \$2 per 15. A. A. Yeates, Bradley, Ill. 4-2

SINGLE COMB WHITE LEGHORNS, Black Langshans, Buff Wyandottes, Light Brahmas, in pen lots, at \$1.50 each. Guy Neisles, Fillmore, Ill. 4-1

INDIAN RUNNER DUCK eggs, \$1 for 11. Silver Laced Wyandottes, Tarbox strain, eggs, \$1.25 for 15. Holmes Poultry Plant, Oakwood, Ohio. 4-2

ROSE COMB, BUFF, BLACK and White Orpingtons and White Wyandottes, 51 regulars, 27 specials, 2 cups on 56 entries, Boston and leading shows. Eggs reasonable. Birchwood Poultry Farm, Westbrook, Me. 4-1

EGGS—M. B. Turkey, 11, \$2.50. Toulouse Geese, 7, \$1. Pekin Duck, White and Golden Wyandotte, Buff Rock, R. C. Black Minorca, 15, \$1. M. C. Ault, Belmont, Ohio. 4-3

EGGS FOR HATCHING FROM Brown and White Leghorns, Silver Laced and Partridge Wyandottes, White Orpingtons, Barred Rocks, Rhode Island Reds, Buff Cochins and Light Brahmas. Winners at big mid-west shows. Catalogue free. F. W. Johnson, Luther, Iowa. 4-1

WORLD-FAMED FARMS, SOUTH BEND, IND. White, Brown, Buff Leghorn eggs, \$1, 15; \$3, 50; \$5, 100. White, Partridge, Columbian Wyandotte eggs, \$1.50, 15. Rose Comb Rhode Island Whites, prize winners, \$1.50 up. Lakenfelders, \$5. 4-1

EGGS, \$1 TO \$1.50 per 15 from Brahmas, Rocks, Minorcas, Wyandottes, Reds; 20 Leghorns eggs, \$1; geese eggs, 25 cents each. S. G. Bealer, Coopersburg, Pa. 4-3

TRAP NESTED S. C. W. LEGHORNS. Rose Comb Rhode Island Reds, Barred Plymouth Rocks. Eggs, 15, \$1; 50, \$2.50; 100, \$4.50. Wm. Coleman, New London, Ohio. 4-3

REMEMBER—17 PRIZES ON Black Javes great St. Louis show, 94½; Red Single cockerel, females, 92 to 93½; Blue Andalusians—all high scoring stock. Best in America for the price. Eggs only \$1.50, 15. Herbert Hodgson, Albion, Ill. 4-2

CHICKS, DUCKLINGS AND EGGS from fine stock. Safe arrival and hatch guaranteed. Catalogue free. Walnut Hill Hatchery, Macon, Mo. 4-3

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HOUDANS AND SINGLE COMB BUFF LEGHORNS. Two breeds of the very greatest producers of large white eggs in the world. Stock and blood from the very best breeders in the United States, mated and bred carefully for eggs and all business qualities. My Houdans are Houdans all over. Same applies to my S. C. Buff Leghorns. Leghorn eggs, \$1 per setting. Houdan eggs, \$1.50 per setting. Either kind, \$5 per 100 eggs. Large orders my specialty. Orders booked now. A few choice cockerels and pullets of both breeds for sale. Geo. C. Schwegman, No. 309 South 4th St., Richmond, Ind. 3-3

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FOR SALE—EGGS FROM Houdans, Single Comb Buff Orpingtons, Silver Spangled Hamburgs, White Cochins Bantams, at \$1 per 15, \$2 per 40, \$5 per 100. Single Comb Crystal White Orpingtons, Kellerstrass strain, \$1.50 per 15, \$4 per 50, \$7 per 100. Ed. Schumann, Madison, Ind. 3-3

SINGLE COMB BUFF, BLACK ORPINGTONS. Rose Comb Black Minorcas, Anconas, Silver Gray Dorkings, Columbian Wyandottes, Barred Plymouth Rocks, Houdans. Eggs, \$1.25 15, \$2.25 30, \$5.75 100. White English rabbits. President Roosevelt seed potatoes. Catalogue. M. R. Cummings, Maryland, N. Y. 3-3

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EGGS: \$1.50 per 15, \$2.50 per 30. Barred Plymouth Rocks and S. C. Buff Leghorns. Harry T. Conlin, Monongahela, Pa. 3-3

CHOICE PURE BRED POULTRY. Barred, Buff and White Rocks, White and Golden Wyandottes, Buff Cochins, Silver Spangled Hamburgs, S. C. Buff and Brown Leghorns, S. C. Black Minorcas. Eggs, \$1 per 15. Mammoth Bronze Turkey eggs, 25c each. Indian Runner Duck eggs, \$1 per 15. John W. Newcomer, R. 3, Mt. Joy, Pa. 3-3

EGGS—AFRICAN GEESSE, Pekin and Black Cayuga Ducks, Barred Rocks and White Holland Turkeys. Floyd S. Beaumont, Route 15, Kansasville, Wis. 3-3

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PRIZE WINNERS—Wm. Cook Buff Orpingtons and DeGraff Reds. All my birds are winners. 15 eggs, \$2; 30, \$3.50. E. M. Wells, Brownstown, Ind. 2-3

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WHITE WYANDOTTE COCKERELS, \$2.50; if not satisfied as to size and looks, money back. S. C. B. Minorca eggs, \$1.50; setting from my best utility pen. W. Hoffman, S. Haven, Mich. 2-3

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BABY CHICKS AND EGGS for hatching \$1.50, from thoroughbred Brown and White Leghorns, Barred Rock and White Wyandottes. E. W. Geer, Farmington, Mo. 2-3

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"RINGLET" BARRED ROCK EGGS—Winners at Montgomery County Show, December, 1909, in hot company: Pierce, Judge. First cock, first and second hen, first cockerel, first and fourth pullet, first pen, first, second and third yards. Write for mating list.

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ROSE COMB REDS & SINGLE COMB Buff Leghorns. Blue ribbon winners. Reds scoring 92 to 94; Leghorns 92½ to 96½. Eggs \$1, \$2 and \$3 per fifteen. Send for mating list.

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BUFF ROCKS, POLEY & DELVENTHAL strains; S. C. Brown Leghorns, Kulp's strain; S. C. W. Leghorns, Young's strain. Best prize winning strains in America. Good hatch guaranteed. Eggs, \$1.25 per 15; \$2 per 30; \$6 per 100.

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MAMMOTH BRONZE TURKEY eggs, \$2.50 per 10 from high scoring, heavy weight birds. Toulouse Geese eggs, 25c each. White Wyandotte and Buff Orpington eggs, \$1.50 per fifteen. Pekin Duck eggs, \$1 per eleven.

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SILVER LACED WYANDOTTES EX clusively, Springfield, Atlanta and St. Louis winners. Stock reasonable, eggs from these winners, \$2 per 15; \$3.50 per 30; \$8 100. PROGRESSIVE POULTRY FARM,

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MAMMOTH BRONZE TURKEY eggs, \$3.50 for 11; from heavy weight, high scoring birds; from old hens and farm range. White Rock eggs, \$1.50 for 15, \$6 per 100

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Leghorns. Cocks and cockerels for sale.
With and without score card. Eggs from
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Of grand show quality. Birds that are
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The large kind that are heavy layers
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Winter layers, carefully mated, solid buff
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Farm raised and bred from the best selected
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Won thirty-one regular and special
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My pens are mated for 1910. Eggs, \$1 to
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Give me a trial. I always please. **OZARK**
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—13 varieties scoring 92 to 96. Rhode Isl-
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Partridge and Barred; Wyandottes, Col-
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right. If not satisfactory, can be re-
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I also have several other leading varieties
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Hardy, prolific, farm raised stock. Fifteen
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of White Wyandottes exclusively.
I have them white as snow and
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ner Ducks...**

OUR OWN BEAUTIFUL fawn and white 240-egg in eight months strain. Money makers for you. Try them. A square deal guaranteed. Write us. Circulars free. Eggs, 13 for \$2.
H. A. ROLEY & SONS, Basil, Ohio
3-3

**White
Rocks**

PEQUOT STRAIN OF GREAT layers. Bred in open front houses. Standard bred stock of the better sort. Large, vigorous, healthy birds. Eggs, \$1 per 13; \$6 per 100. Send for mating list. Pequot Poultry Farm, Southport, Conn.
3-2

Buff

ROCKS. Choice breeders in males and females. Also eggs from choice matings, \$3 per 15. Scranton and Auburn winners. Ten years a breeder of the best. Describe your wants
A. L. FAWCETT, Box 5, New Albany, Pa.
7-09-1yr

**Buff..
Rocks**

BEING TRAP NESTED. EGGS from my best and highest scoring Winter layers, 15 for \$1.50. Utility stock, 30 for \$2. Pekin and Indian Runner Ducks, excellent layers, 10 eggs \$1.25. All headed by high scoring birds. Write MARTIN HENNINGSEN
Dike, Iowa
4-2

**Crystal White
Orpingtons :**

THE GREATEST EGG PRODUCERS and prize winners known. \$5 for 15 eggs; \$8.50 for 30 eggs. Also large stock of S. C. Rhode Island Reds. Eggs, \$2.50 for 15. Write for circulars.
MARTIN A. HANSEN, Wells, Minnesota
4-1

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction."

R. C. Black Minorcas

At the Wheeling, W. Va., show I won 2 cock; 1-2-3-4 hens; 1-2 cockerels; 1-2 pullets; 1 pen; also silver cup. Write for prices on stock and eggs.

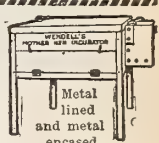
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**BRED FOR LAYING.**

35 Best breeds poultry. See my big circular illustrated in colors, before you place that order for stock or eggs. Prices reasonable. It will please you. It's free. 2c. stamp for mailing. John E. Heatwole, Harrisonburg, Va.

WENDELL'S**INCUBATOR & BROODER**

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. 2. We allow 30, 60 or 90 day's trial to prove it yourself.
AUTOMATIC HATCHING CO., Holly, Mich.

**REDS**

THAT ARE RED :: RICKSECKER'S PERFECTION REDS

Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

T. L. Ricksecker, Red Specialist
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OVERSTREET'S

"BEST IN THE WEST"

BARRED ROCKS

Bred in Line :: Bred to Win
Mating Circular and Catalogue for the Asking
Frank J. Overstreet, Box 106, Kiowa, Kan.

**A Valuable Poultry
Book Free**

I will send to any address absolutely free a valuable book known as "A Treatise on Poultry." Tells how to make a good living from poultry. To anyone sending 40c for a trial Package of Egan's Peerless Poultry Powder, a guaranteed egg producer. Send today, as I only make this offer for a limited time. Write plainly and address all letters to

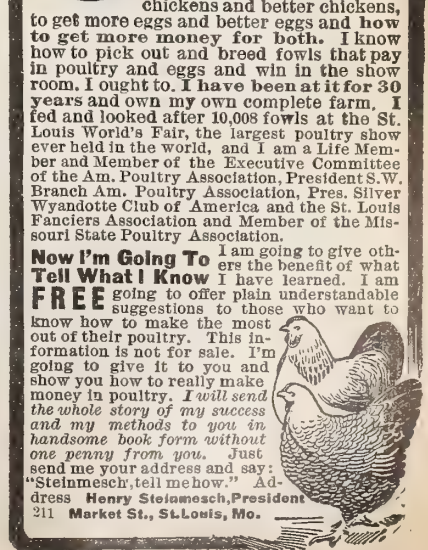
THE EGAN POULTRY FOOD CO.
Jackson - - - - Michigan

Let Steinmesch Tell You How

Everybody who knows chickens knows Steinmesch.

I know how to raise more chickens and better chickens, to get more eggs and better eggs and how to get more money for both. I know how to pick out and breed fowls that pay in poultry and eggs and win in the show room. I ought to. I have been at it for 30 years and own my own complete farm. I fed and looked after 10,000 fowls at the St. Louis World's Fair, the largest poultry show ever held in the world, and I am a Life Member and Member of the Executive Committee of the Am. Poultry Association, President S.W. Branch Am. Poultry Association, Pres. Silver Wyandotte Club of America and the St. Louis Fanciers Association and Member of the Missouri State Poultry Association.

Now I'm Going To ere the benefit of what Tell What I Know I have learned. I am FREE going to offer plain understandable suggestions to those who want to know how to make the most out of their poultry. This information is not for sale. I'm going to give it to you and show you how to really make money in poultry. I will send the whole story of my success and my methods to you in handsome book form without one penny from you. Just send me your address and say: "Steinmesch, tell me how." Address Henry Steinmesch, President 211 Market St., St. Louis, Mo.



White Holland Turkeys

Prize winners weighing to 35 lbs. Grand birds, either for show or breeders. Write me if you want quality.

H. B. Cass : : Buffalo Hart, Illinois

WHITE

BLACK

Orpingtons

My birds are the low down on shank kind. My Whites are white to the skin. Eggs from 5 fine pens of each at \$4.00 per 13, \$7.00 per 26, \$18.00 per 100. A square deal guaranteed.

E. R. BRADLEY, HILLSDALE, MICH.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

LEGHORNS

Kulp's Wonderful Rose Comb Brown, 242-egg strain; **S. C. Brown**, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs, Two of greatest strains bred.

S. C. White, big white 236 egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

Barred Rocks (Bradley's), won \$100 cup, 1909, big finely barred birds and great layers.

S. C. and R. C. Rhode Island Reds (Tompkins').

Eggs, \$2 per 15; \$5 per 45. Few special pens. Cat.

Big Pekin Ducks, eggs \$1 per eleven.

W. W. KULP

Box 70, :: Pottstown, Penna.

11% MORE 1st PRIZES Total at NEW YORK

SHOWS (MADISON SQUARE GARDEN) THE PAST 21 YEARS

Has Been Won By

BARRED PLYMOUTH ROCKS

Raised and Bred by Bradley Bros., Lee, Mass., than Any Other Exhibitor has won on ANY Stock. 20 Per Cent More 1st Prizes on Cockerels and 11 Per Cent More 1st Prizes on Males.

☛ All of the Silver Cups Competed for have been Won By Us 3 Times out of five.

☛ **Four 1st, Four 2d and Three 3d Prizes, besides other awards have been Won by Us at a Single Madison Sq. Garden Show.**

☛ **THREE TIMES** have Males of Our Breeding Won **FOUR OF THE FIVE PRIZES** offered in the Class; INCLUDING FIRSTS.

24 OF OUR "LEE BELLE" LINE

Of Females have been **First Winners** at New York Shows Alone. First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

☛ **First Prize Winnings** at Chicago and Kansas City and at the Largest Shows outside of New York which our birds have won for our customers should alone be SUFFICIENT to DEMONSTRATE THE SUPERIORITY OF OUR STRAIN.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets.

TESTIMONIALS

I won 1st pullet at Galesburg, Illinois, January 17-22, 1910. This pullet was from a setting of eggs I got from you last spring. Her score was 93 by Judge Faulkner. You may use this information as you see fit.—S. E. Coddington, Woodhull, Illinois. February 8, 1910.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford. January 26, 1910.

breeders of the State I won 1st and 2d on pullet and 2d breeding pen, making more prizes than any one breeder got in the Barred Rock class. So you can see what that 1½ setting of pullet mating eggs have done both for utility and show birds. When asked what strain I have I just say "Bradley's."—E. P. Roloson, Delaware, Ohio.

Eggs From Best Pens We Ever Owned, \$8 per 13; \$15 Per 26; \$25 per 50. **ALL SELECTED PENS; BEST ONLY; NO POOR ONES. FEWER BREEDING BIRDS BUT MORE MERIT. WE INCLUDE EGGS WORTH \$25 per 13.**

FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

: : **Bradley Bros., Box 909, Lee, Mass.**

OUR BREEDING PENS FOR SALE AFTER MAY 20TH

Single Comb Rhode Island Reds

Winnings at Detroit, January, 1910: First, second and third pullets; first hen, second cockerel; also first pen on five entries.

J. S. MORES

MUNITH, MICHIGAN

Dawson's White Wyandottes

At the recent Ontario Winter Fair, the largest show ever held in Canada, (5,000 birds) and quality equal to any show on the continent, won first, fifth and seventh hen, first and eighth pullet, fourth and fifth cockerel, cup for best cockerel and pullet and special for best display. At the Canadian National Exhibition we won three firsts, two seconds, two thirds, one fourth, one fifth and one sixth; also cup for cock, cockerel, hen and pullet and special best display. At New York State Fair, nine ribbons on ten entries. A total of twenty-six regular prizes and numerous specials at three of the largest shows in America. Our prices are moderate. Get our mating list.

W. Dawson :: London East, Canada

KING'S FAMOUS BARRED ROCKS AND S. C. W. LEGHORNS

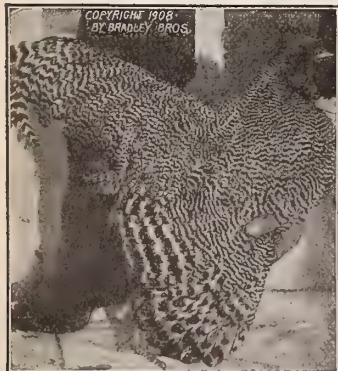
Do you want strong healthy chicks? Fine style, large bodies and great layers have been the keynote of my success. The breeding stock has large grassy runs, thereby insuring fertile eggs. My matings for 1910 far surpass those of former years. Many of the birds heading these yards have been the winners of highest awards in strong competition. With my enlarged facilities I can furnish eggs promptly at \$2.50 per 13; \$4.00 per 26. My guarantee is satisfaction and a square deal to all. I solicit your orders. For further information, write for mating list. Address

G. M. King : R. R. 1 : York, Pennsylvania

**WHITE ORPINGTONS**

They lay like slot machines. At Cleveland in hot competition I cleaned up every first prize but one. I won 1st cock, 1st hen, 1st pullet, 1st pen. Also American Orpington Club specials on White cock, hen, pullet and pen. Also four silver cups, one of them being for best female Orpington (any variety) in the show, awarded by Judge Oke to my hen Bess. At Pittsburg I won 1st cock, 1st hen, 1st cockerel, 1st pen and special for best display Orpingtons, any variety, Judge Denny. Altogether I have 22 firsts, 12 seconds, 12 thirds, 16 specials, 2 diplomas, 10 silver cups at Cleveland, Madison Square, Chicago, Pittsburg and other large shows. High class show birds and breeders for sale at reasonable prices. Eggs, \$8 per 12.

Lawrence Jackson : : Haysville, Pennsylvania



World's Champion of 1906, Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of First Chicago Cockerel, 1902; also from the sire of First Chicago Male, 1906. These and other Chicago 1st Prize Winners were bred by us and hatched by customers FROM EGGS WE SOLD.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford. January 26, 1910.

breeders of the State I won 1st and 2d on pullet and 2d breeding pen, making more prizes than any one breeder got in the Barred Rock class. So you can see what that 1½ setting of pullet mating eggs have done both for utility and show birds. When asked what strain I have I just say "Bradley's."—E. P. Roloson, Delaware, Ohio.

Eggs From Best Pens We Ever Owned, \$8 per 13; \$15 Per 26; \$25 per 50. **ALL SELECTED PENS; BEST ONLY; NO POOR ONES. FEWER BREEDING BIRDS BUT MORE MERIT. WE INCLUDE EGGS WORTH \$25 per 13.**

FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

: : **Bradley Bros., Box 909, Lee, Mass.**

OUR BREEDING PENS FOR SALE AFTER MAY 20TH

FAILURE OR SUCCESS?

Bad Foundation? OR Good Foundation?

Do You Wish to Overcome or ? Consult HUBER BROS. Regarding Their
Avoid Failure in Poultry Business ? Famous Superior Strain and Find

THE ROAD TO SUCCESS

**SUPERIOR
EXHIBITION
QUALITIES**

**SUPERIOR
LAYING
QUALITIES**

S. C. WHITE LEGHORNS

OUR Famous Superior Strain not only demonstrated their superior exhibition qualities at Chicago, Dec. 7th to 12th, 1909, where they won

1st Ckl., 5th Cock, 4th and 5th Hen and 3d Pen

but excel all other STRAINS in laying as well; the past year a flock of 150 hens averaged 170 eggs each, which stands unequalled.

Our breeding pens this season will be the best we ever owned. Send 4c in stamps for 1910 Mating List.

A RARE BARGAIN FOR \$10

\$10 INVESTED with us buys a Cycle Hatcher-Brooder combined, including 50 of our selected utility eggs, which fill the machine; machines are fully guaranteed, being the same as used by the Philo System. We have contracted for 100 machines to be shipped from Ind. factory direct to the first 100 orders received from our customers. You had better take advantage of this offer, as it will not appear again; we are making it to quickly and effectively advertise our stock.

HUBER BROS., Box A, Kenosha, Wisconsin

WINNING WHITE WYANDOTTES LAYING

In cocks, hens, cockerels and pullets I offer choice specimens with deep round breasts, broad backs, well spread tails and snow-white plumage. Birds which will lay eggs and win ribbons for you. All farm raised, healthy, vigorous stock. Write at once telling just what you need. **Harry W. Britton, R. F. D., Moorestown, N. J.**

BATTLEVIEW FARM REDS

Eggs for hatching that hatch good pure blooded, healthy, vigorous chicks, the kind that win in the show room, and also have that great laying quality. Write for catalogue. It's free. :: :: ::

BATTLEVIEW FARM C. R. APPELGATE, Proprietor FREEHOLD, N. J

HOUDANS

lute satisfaction guaranteed in every case or money refunded. Stock and eggs at all times.

Dr. G. W. Taylor, Box A, Orleans, Indiana



Lady Baltimore, winner of shape special at Little Rock, Ark. Score 94.

S.C. Reds

Bred from a long line of prize winners, they show their breeding by winning in four states, 1909. With 15 birds entered at Little Rock, Ark., I won 9 regular and 6 special prizes, including Stiff loving cup for highest scoring pen of any class in show; \$10 in gold for second highest scoring 15 birds shown by one exhibitor; 3 out of 4 club badges given by Rhode Island Club of America. If you want the best in Reds, or your flock needs new blood, Mr. Breeder, write me. Mating list now ready. Eggs \$2, \$3, \$4 and \$8 per setting; utility, \$1.50 per setting.

CHERRY RED POULTRY YARDS

D. E. MACGOWAN, Prop., 1129 COLLEGE ST., MEMPHIS, TENNESSEE



The "Signet" Leg Band

Adjustable. Price, 12, 15c; 25, 20c; 50, 35c; 100, 60c; postpaid. Try Little Gem Water Fountain Pen, just the thing for little chicks, 20c each postpaid. **W. J. Bail, Salem, O.**

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

BABY CHICKS

From Standard Bred Madison Square Garden Winners

225-EGG HENS--12-LB. COCKS

Barred, White and Buff Rocks, Brown, White and Buff Leghorns, White, Columbian, Partridge and Buff Wyandottes, White and Buff Orpingtons, R. C. Rhode Island Reds, Light Brahmas, Black Langshans, Black Minorcas, Anconas and Silver Spangled Hamburgs, all from heavy laying strain. Every chick pure. Safe arrival and satisfaction guaranteed. Capacity 2500 per day. Price 8c up. Catalogue, price 10c.

FIRELESS BROODER

Double wall, galvanized steel outside, wool lined. \$1,000 for the man who will beat it with any brooder made or with hens. Price \$2.50.

Standard Hatchery : : Attica, Ohio

Read This Ad Carefully

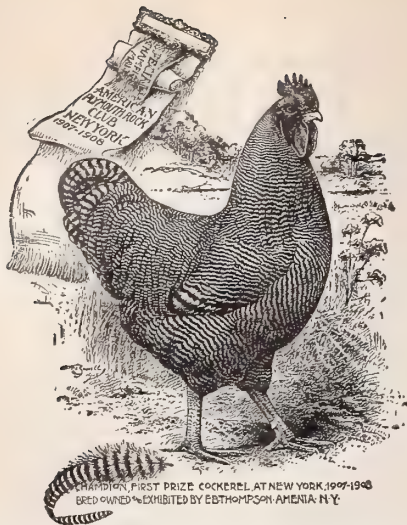
For months past I have been telling you about Lamon's Northern Raised White Plymouth Rocks—"the hardy kind"—about the constitutional vigor of my flock, and I know if you could see and handle my birds and note their large size, chalk white plumage, bright red eyes, deep full breasts, long broad backs with well spread tails, rich yellow legs set well apart, you would make up your mind to place your order with me for White Rock eggs this spring. I know you would see that it means a whole lot to have good strong, healthy birds to breed from, as they are the quick maturing kind. The winter layers and the ones to win the prizes at the best shows. I want to tell you another thing about

LAMON'S WHITE PLYMOUTH ROCKS

Their eggs hatch and the chicks live, as I don't send out eggs until they run high in fertility. I doubled my business last season and I want to double it again this year, and the best way of doing it that I know of is by making satisfied customers. Can't I have your order? Send for my circular and list of testimonials from former patrons.

EGGS from pen headed by my 4th pen ckl. at Boston, 1910, \$10 per 13; all others \$5 per 13, \$9 per 26. These are the finest matings I ever owned. I am the originator of the R. and S. C. Buff Bantams. A limited number of eggs, \$10 per 13.

HARRY M. LAMON - BOX H - ADAMS CENTER, N. Y.



First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request, it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

E. B. THOMPSON

Lock Box 510, AMENIA, N. Y.

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS —AT— New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ckl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality. Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois



LIGHT BRAHMAS

We won: Chicago, Dec., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet. Madison Square, N. Y., Dec., '09, 1, 3 hen; 2 cockerel; 5 pullet; 3 pen. Chicago, Dec., '08, 1, 2, 4 cock; 1, 2 hen; 4, 5 cockerel; 2, 4, 5 pullet; 1st pen and 1st display. Detroit, Jan., '09, 1, 2, 3 cock; 1, 3, 4, 5 hen; 1 pullet and 1st pen. Toledo, Jan., '09, 1, 2, 3, 4, 5 cock; 1, 2, 3, 4, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2, 3, 4, 5 pullet; 1st pen. Indianapolis, Feb., '09, 1, 3, 5 cock; 1, 2, 4 hen; 3 cockerel; 4, 5 pullet. Boston, Feb., '09, 4 cock. More prizes last winter than any two other Light Brahma breeders. Stock and eggs always for sale at reasonable prices. Young stock now ready for delivery. Send 6c in stamps today for our beautiful Light Brahma catalogue.

RIVER HOME POULTRY YARDS

BOX B

PERRYSBURG, OHIO

AMERICAN POULTRY JOURNAL



NOW IS THE TIME

to get your hens and incubators busy and we can help you. We can furnish eggs for hatching from our utility stock and many pens that are headed by and contain the blue ribbon winners from New York, Boston, Chicago, Memphis, Jamestown, Va. and many other prominent shows. We still have some choice Barred Rock ecls. and pullets and White Leghorn pullets at reasonable prices. Place your order as soon as possible as the demand is ever increasing and some may be disappointed. Send for beautifully illustrated catalog and mating list. Eggs for hatching Exhibition and utility stock at all times. Day-old chicks.

PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
J. H. HALLOCK, Proprietor, Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

Orpington Magazine

Send 25 cents for year's subscription to the new Orpington Magazine. Edited by Milton W. Brown, M. A., M. Sc., Station L, Cincinnati, Ohio. : : :

REDS

FREE CATALOG, with photographs, describing 20 pens of the best Rhode Island Reds ever mated up. Both combs. Headed by such noted males as CHICAGO KING, etc. Winners at Chicago, Cincinnati, Indianapolis, Detroit, Toledo, Milwaukee, etc. Eggs \$3, \$5, \$10 and up per 15. Guarantee 9 chicks. High-grade utility eggs, \$10 per 100 in lots of 30 to 1000. Please mention this paper when writing.

Edwin R. Cornish (Formerly Edwardsburg) 1426 E. Pontiac St., Ann Arbor, Mich.

WEBSTER'S WHITE PLY. ROCKS

ARE SUPERIOR BIRDS---THE STAY WHITE KIND

They win again at Cleveland, Ohio, and still hold the great Cleveland show record by making a clean sweep and winning all five first prizes from one of the best classes ever brought together. They are the **Graves Strain pure**. Those wishing proper type with snow white plumage and extra head points can find these qualities in my birds. 25 superior cockerels for sale. Eggs for hatching from 5 grand matings, the best we ever had, at \$3 and \$5 per setting. Descriptive mating list free. Address

C. F. Webster : : Box 99 : : Girard, Pennsylvania

READ,
THEN
TAKE
HEED



Trade Mark
RED RAVEN STRAIN

**EVENTUALLY YOU WILL BREED
RED RAVEN STRAIN**

S. C. RHODE ISLAND REDS

Why Not Now?

We have four grand pens of tested breeders mated for the egg trade. A limited number of settings at \$10 and \$15. Fair hatch guaranteed. Ten breeding cockerels at reduced prices. Our handsome catalogue printed in two colors gives full description and is free for the asking. Send for it today. Eggs half price after May 15th. : : :

J. G. Budde & Co., Oak Park, Illinois

ORPINGTONS

BUFF : BLACK : WHITE



From kodak snap shot; not retouched

Lest any one should think we are living on past reputation in Blacks, we present a snap shot photo, not retouched, of hen we have never shown before. This is a far better bird than old Empress herself. Next year we will have still better.

Do not forget for a moment that our mating list in Buffs this year includes not only our sensational imported birds of magnificent type, size and color, but also includes the birds that won Judge Stanfield's \$50 trophy cup for best Buffs he judged last year at Madison Square, Chicago. National Club Meet at Cleveland, etc. Hard to beat this?

In Whites we are arriving mighty fast. Here is what the Rev. J. N. Williams of England says in February Canadian Poultry Review of the great champion White Orpington cockerel we imported recently. Mr. Williams judged the show (Leeds) where this wonderful cockerel won the 50-guinea (\$250) challenge trophy: "The pride of place was won by Messrs. Whittaker & Tutill's magnificent White Orpington, pure in color as driven snow, massive, broad, blocky and low set, which, when set down before the seven judges who had to decide, walked about as majestically as a peacock." Send for mating list.

CHEVIOT FARMS - CINCINNATI, O.

BUFF AND WHITE ORPINGTONS

THE OLDEST SPECIALTY BREEDERS IN THE UNITED STATES

OUR SHOW RECORD on Buffs at Madison Square Garden is unequalled—winning Silver Cup for best display, showing only 9 birds and having 7 points more than our nearest competitor. In same show also won handsome Silver Cup for Best Cockerel. Our winnings at Chicago, where we won more firsts than all competitors, cannot be equalled.

Can there be any question where you should order your stock and eggs?

OUR MATINGS in Buffs and Whites are the finest we ever owned and with our long line of show producers in the past convince us winning specimens will be produced. Send for free mating list. We are quoting special prices to close out some grand breeding cockerels at this time. \$10 to \$15 gets a grand bird. This is your opportunity. We breed for quality, health, vigor, and egg production. Write us your wants. Mention American Poultry Journal.

J. M. Williams & Co., Box B, No. Adams, Mich.



Our Answers to Your Questions

WHAT kind of chickens are most profitable?

Of course you want the best layers in the world, and the finest exhibition birds, perhaps. Then get White Leghorns, and we further suggest the NEWTOWN strain.

WHY are the Newtown White Leghorns Best?

Well, we've given years of experimenting and study to their perfecting and we're very proud of our achievement. Our splendid records at greatest poultry shows are the result.

WHEN is success in chicken raising assured?

When you start a foundation stock of a strain of world wide popularity—such as these—and give them care. There's a steady market for the unsurpassed quality of White Leghorn eggs and chickens, and plenty of prizes for the birds exhibited.

WHICH month should chicks be hatched?

White Leghorns hatched in May or June will be laying profitably in November or December—just when eggs are highest in price—so begin now.

WHOM should Hatching Eggs and Baby Chicks be ordered from?

THE NEWTOWN PRODUCING COMPANY—a chicken plant ideal in its up-to-date methods of raising and handling chickens. We've just installed ANOTHER 10,000 egg Hall Mammoth Incubator, so we are ready to give you better-than-ever service. Large and small orders given the same attention.

WHERE is the Newtown Producing Company?

On the Reading Railroad between Philadelphia and Trenton—a place of 53 acres devoted exclusively to White Leghorns. We have a little booklet, illustrated, interesting and free, that we'll be glad to send you; or we'll be glad to see you here any day except Sunday. Let us hear from you if you are interested in chickens. Address

Newtown Producing Company

AGENTS FOR HALL MAMMOTH
INCUBATORS AND BROODERS

Box 173, Newtown, Bucks Co., Penna.

S. C. Buff Orpingtons

exclusively. Golden Buffs. I won 1st, 3d and 4th cock, 1st, 3d and 4th hen, 2d ckl. and 2d pullet at the late Cincinnati poultry show. My pens are headed by these birds. Now you know where to get the good ones. Eggs \$4 and \$2 per 15. Satisfaction guaranteed.

Edward Chambers, Aurora, Ind

R. C. Black Minorcas

Black Cochin Bantams

See February and March issues for winnings at Guelph and Buffalo. Send for catalogue.

Dr. J. N. MacRae, Galt, Ont., Canada

RED RIDING HOOD POULTRY YARDS

has a show record second to none. New catalogue after January 1st will be sent free. S. C. Rhode Island Reds exclusively. Member both clubs.

A. R. LACY, Prop., ANTWERP, OHIO

R. C. R. I. REDS

Winners at Herkimer, Corfu, Frankfort, Kingston, Utica, Rochester, Little Falls. Eggs, \$2 per fifteen. None better.

N. B. Lints, R. 3, Frankfort, N. Y.

CAMPBELL'S BUFF LEGHORNS

Eggs for sale from my New York, Orange, Red Bank and Rutherford winners. Lamon's old strain pure. Send for catalogue of my winnings.

W. D. CAMPBELL
R. F. D. 1, BLOOMFIELD, NEW JERSEY



Successful Egg Farming

Among people who can afford luxuries there is great demand for a regular supply of fresh eggs. The few growers who can furnish them regularly, Winter and Summer alike get very high prices.

The Corning Egg-Book

(entitled "\$6.41 per Hen per Year"), tells how two men, in poor health, starting four years ago with only thirty hens, made from their little egg-farm a clear profit of over \$12,000 last year. It tells all about their experience, their failures, their methods and how others men or women, with good sense, care and faithful work can make money in the same way. Not a detail left out.

The Corning Egg-Book is sold in combination with the Farm Journal, Philadelphia, Pa., and we have made arrangements to make this

Special Offer

For \$1.00 (cash, money order or check) we will send postpaid the Corning Egg-Book and the Farm Journal for two years, and American Poultry Advocate 2 years, all for \$1 if order is sent at once to

American Poultry Advocate
227 Hogan Block, Syracuse, New York

WORLD'S FOREMOST HITE WYANDOTTES

Won the highest honors at New York, Boston and every prominent show in the United States and Canada, clear to the Pacific Coast, all past season, and have done the most winning for many years. Grand stock and returned at my expense if not satisfactory. Send for circular and see who is the winner and prices of eggs.

J. H. Jackson : : Lock Box 88, Hudson, Massachusetts

Rose and S. C. Reds

They always win. Special sale of some very fine prize winning cockerels. I have mated up five grand pens and you can obtain eggs at \$3 and \$5 per fifteen. Satisfaction guaranteed.

Wm. H. Klug

895 Seyburn Avenue

Detroit, Michigan

Orpingtons of the Better Sort

BUFF, BLACK AND WHITE

Eggs for hatching that will hatch from my matings that will produce results.

Mountain View Farm

R. F. D.

South Kent, Connecticut

Bie's Barred Plymouth Rocks

At four large shows, i. e., Kenosha, Chicago, Milwaukee and Waukesha, during the past season, we won 8 firsts, 4 seconds; 7 thirds, 6 fourths, silver cup and several shape and color specials and at Milwaukee, besides winning 1, 2, 4, 6, 7, 9 and 10 on pullets, we won the grand specials for best display in the American class. Our prize winners and their sires and dams are all in our yards from which we will sell eggs at \$5 per 15; \$9 per 30; \$12 per 45. Half price after May 15th. Will also sell 10 males and 40 females that are in our breeding yards at a great sacrifice.

Geo. H. Bie :: Racine, Wisconsin

Diseases of Poultry

BY

D. E. SALMON, D. V. M.

Chief of the United States Bureau of Animal Industry

Every poultryman should have this book in their poultry library. It contains 250 pages, and every disease to which fowls are subject is treated in a most thorough manner. The cause, symptoms and cure of each disease is put before the reader in such a manner as to be understood at a glance. With this book in hand you can be your own poultry doctor. Better order one now and not wait until your fowls become ill.

THE PRICE IS ONLY FIFTY CENTS

Will send this book and American Poultry Journal one year for only 75 cents. Send all orders to

American Poultry Journal Pub. Co.

358 DEARBORN STREET -- CHICAGO, ILLINOIS



SINGLE COMB WHITE ORPINGTONS

cular giving full description of EIGHT superb pens which TIVELY no better opportunity to get a right start or new longer prices elsewhere, try Brookdale Quality at "Let Live" prices and with our guarantee. Write today.

Brookdale S. C. White Orpingtons are of superior quality. Line bred for correct Orpington characteristics and trap nested in order to establish a heavy laying capacity. Send your address for circular giving full description of EIGHT superb pens which TIVELY no better opportunity to get a right start or new longer prices elsewhere, try Brookdale Quality at "Let Live" prices and with our guarantee. Write today.

BROOKDALE FARM

::

W. E. STANFIELD, Proprietor

::

HILLSDALE, MICHIGAN

BUFF WYANDOTTES

AGAIN THIS YEAR, AS LAST YEAR, WE WON ALL FIRST PRIZES AT BOSTON

BOSTON, 1909:

Cocks, 1, 2, 3, 5
Hens, 1, 3, 4
Cockerels, 1, 2
Pullets, 1, 2, 3, 4
Pens, 1, 2

OUR BREEDING PENS CONTAIN

all of our 1910 winners, most all of our 1909 winners, many of their sires and dams and an accumulation of tried and found excellent producers that made our 1909 and 1910 phenomenal winnings possible

BOSTON, 1910:

Cocks, 1, 2, 6
Hens, 1, 2, 4, 6
Cockerels, 1, 4, 6
Pullets, 1, 2, 3, 4
Pens, 1, 2, 3

NAIL A FACT JUST AS A SENSIBLE MAN NAILS A MOSQUITO--THE FIRST TIME

This is THE FIRST TIME we have offered for sale the birds in our present breeding pens, because we reserved them for our own use. We were good to ourselves, now we are going to be good to you. Then, too, we must make room for the youngsters coming later on. It's an opportunity to buy when the seller is anxious to sell. BE A SENSIBLE MAN AND NAIL IT. We will sell a whole pen just as they are now mated, insuring you the benefit of our best judgment and experience, as we originally mated them for our own use, to produce next year's first prize winners at Boston. EGGS AFTER MAY FIFTEENTH HALF PRICE. SEND FOR 1910 MATING LIST.

MATTISON & TOEL

: :

**SOUTH SHAFTSBURY, VERMONT
5 EAST 42d ST., NEW YORK CITY**

WONDERFUL STEEL ROOFING OFFER!

Special Spring Proposition For Quick Orders — New Low Prices

THE ONLY TOOLS NEEDED to lay is a hatchet or hammer. No experience necessary. We offer you steel roofing in three surfaces, viz:

Unpainted steel sheets for those who wish to cover with special paint.
Painted steel sheets, the best for the least money, and if painted at intervals of two or three years will give splendid service.
"Galvanized rust proof" sheets, the best roof covering money can buy. We recommend our patrons to buy "galvanized rust proof" sheets.

(Samples of any of these roofings sent free upon request.)

WE GUARANTEE every order for steel roofing to be satisfactory to you or money refunded. Our million dollar capital is a sufficient evidence of our responsibility.

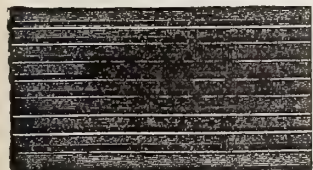
LIGHTNING PROOF — FIRE PROOF — WATER PROOF

Corrugated Steel Roofing and Siding at \$1.85 per 100 square feet



14 Inch Corrugated, Unpainted, light weight, 22 inches wide, 2 to 8 ft. long, 100 sq. ft. **\$1.85**
Painted, same as above, 100 square feet **\$1.95**
1 1/4 Inch Corrugated, Galvanized, Rust-Proof Steel Sheets, standard weight, 22 to 24 in. wide, 2 to 7 ft. long, 100 sq. ft. **\$3.25**
Read our Freight Prepaid Offer

BEADED CEILING AND SIDING at \$1.85 per 100 square feet



Beaded, Unpainted Steel Sheets, light wt., 22 in. wide, 2 to 8 ft. long, 100 sq. ft. **\$1.85**
Painted, same as above, 100 square feet **\$1.95**
Beaded, Galvanized, Rust-Proof Steel Sheets, standard weight, 22 to 24 inches wide, 2 to 7 ft. long, 100 sq. feet. **\$3.25**
Read our Freight Prepaid Offer

FREIGHT PREPAID At the above prices quoted in this ad we will prepay the freight on our roofing, siding and ceiling orders in full to all points east of Colorado in U. S., except Oklahoma and Texas. Add 15c per square for these 2 states. To all points west of Colorado in the U. S., 50c per square additional.

HOW TO ORDER Figure the surface measurement of the roof or sides to be covered then add 10 per cent, allowing for laps. Send us sketch of your building showing dimensions. We will send you proper length of sheets to lay economically and avoid waste.

WRITE US for our great 1910 Roof Book No. 186. Tells you how to lay roofing or siding and valuable information on the roofing subject. Tell us the style of roofing you are interested in and we will send you free samples. Give us the dimensions of roof or sides to be covered and we will make you a complete estimate of the cost of roofing or siding delivered at your freight station.

CHICAGO HOUSE WRECKING CO., - 35th and Iron Streets - CHICAGO, ILLINOIS



"VV" CRIMPED STEEL ROOFING at \$1.85 per 100 square feet



2-V Crimped, Unpainted, Steel Sheets, li't wt., 22 in. wide, 2 to 8 ft. long, 100 sq. ft. .. **\$1.85**
Painted, same as above, 100 square feet **\$1.95**
2-V Crimped, Galvanized, Rust-Proof Steel Sheets, standard wt., 22 to 24 in. wide, 2 to 7 feet long, 100 square feet **\$3.25**
Read our Freight Prepaid Offer

PRESSED BRICK STEEL SIDING at \$1.85 per 100 square feet



Pressed Brick, Unpainted Steel Sheets, li't wt., 24 in. wide, 68 in. long, 100 sq. ft. **\$1.85**
Painted, same as above, 100 square feet **\$1.95**
Pressed Brick, Galvanized, Rust-Proof Steel Sheets, standard wt., 24 in. wide, 68 in. long, 100 square feet **\$3.25**
Read our Freight Prepaid Offer

Greenan's White Wyandottes
are winners at Port Huron, the great International and many other large shows. Stock and eggs for sale. Write me your wants.

J. B. Greenan Deckerville, Michigan

S. C. Brown Leghorns

Winners at Iowa State Fair, Cedar Rapids and Chicago. Eggs, \$1.50 per setting. Breeding stock for sale at bargain prices after June 1st. :: :: :: :: ::

A. E. Banta, Box 23, Wheatland, Iowa

Covert's Highland Barred Rocks

10 pens mated from this great strain containing all my Chicago and Buffalo winners. Reduced prices on stock and eggs after May 15. Write for illustrated catalogue and mating list.

D. M. Covert, Willoughby, O.

ORPINGTONS

BUFF AND WHITE—Of the highest type and quality. Eggs for hatching from grand matings, \$3 to \$5 per 15. Catalogue free. :: :: ::

C. A. Keefer, Muskegon, Mich.



:: :: SCOTCH :: ::
Collie Dogs

A large supply of anything. Make low prices. This is the way we are fixed at present, especially on stud dogs, and bred matrons, and we are going to reduce our stock regardless of price.

F. R. Clark, Bloomington, Ills.
..Suonybrae Registered Kennels..

EAKIN'S



MODERN LEG BANDS

Made of aluminum, are adjustable and cannot lose off. Price: 12, 15c; 25, 20c; 50, 35c; 100, 60c. Sample free.

Clyde Eakin, Box 982, Bartlesville, Okla.

NEW YORK STATE CHAMPION WYANDOTTES

White :::: Columbian

Winners of National White Wyandotte Club cup, 1908-1909. If you want birds that will win and lay send me your egg orders. They are winning and laying for my old customers. Why not for you? I have six pens and you will get eggs from same pens from which I raise my winners. Send for mating list. Eggs, \$3 per 15, \$5 per 30; \$7 per 45.

A. G. WARNER
New York Mills, New York

:: : WHITE : : WYANDOTTES



At the great Toledo show, 1910, my birds again won more regular and special premiums than all other exhibitors combined, including the much coveted 1st pen and 1st display, also silver for best ten in the Am. class and silver cup for best ten all varieties competing. At several Winter shows my birds won all firsts and all sweepstakes. New illustrated circular tells all about my winnings. It's free. Stock sold on approval. Egg orders booked.

Geo. Barkdoll, Box 62, West Unity, Ohio

Sibley's R. C. Rhode Island Reds



First prize winners, Chicago, Detroit, Indianapolis and Buffalo, 1906-7-8-9-10. Send for mating circular. Eggs half price after June 1st. :: :: :: :: ::

Irving A. & Frank Churchill Sibley, 1032 Jefferson Boul., Box G, South Bend, Ind.

WOODS' S. C. BROWN LEGHORNS

are champions of America. Largest winner at the largest show ever held in the world. Missouri State Show at St. Louis, December, 1909, 5250 birds exhibited. Free circular. Eggs, \$10, \$5 and \$3 per fifteen.

TOM H. WOODS : : ROUTE 4 : : FAYETTE, MISSOURI

CHICKS S. C. R. I. REDS

Four grand pens mated for exhibition chicks. Even my utility flock is headed by prize winners. I ship 300 to 500 chicks per week. Can fill your orders promptly. Send for catalogue.

Oscar Holtzapple : : Box 48, Elida, Ohio

Single Comb White and Black Orpingtons

COOK STRAIN

S. C. WHITE LEGHORNS

White Orpington eggs, \$3 and \$5 per setting of fifteen; baby chicks, 50c each; Black Orpington eggs, \$3 per setting of fifteen; baby chicks, 35c each; White Leghorn eggs, \$1.50 per setting of fifteen; baby chicks, 12c each. Catalogue free. :: :: :: :: ::

White Oak Poultry Farm : R. H. GAMBLE, SUCCE-
SOR TO F. J. BANTA : : Box 63, Lima, Ohio

WE SAVE YOU 50 PER CENT \$1.50 FOR 75c

Three of the Best Poultry Publications, Practically Supplying the Entire Needs of Every Poultryman, at One-Half the Regular Price

Our "Big 3" Combination

American Poultry Journal } **ALL THREE FOR**
Western Poultry Journal } **75 CENTS**
Farm-Poultry } **Reg. Price, \$1.50**

AMERICAN POULTRY JOURNAL is the oldest, largest and handsomest poultry paper in the world, and is conceded to be the leader in all things pertaining to poultry. Is copied by both old and new poultry publications. In fact, it has no equal. Now in its 41st volume.

FARM-POULTRY, published at Boston, Mass., is one of the oldest and best poultry magazines published in the East, and is now in its 20th volume. This magazine is always full of valuable information pertaining to thoroughbred poultry, and covers the Eastern field in a most thorough manner.

WESTERN POULTRY JOURNAL, published at Cedar Rapids, Iowa, is in its 21st volume, and is one of the most up-to-date poultry magazines published in the West. The two, together with the old reliable American Poultry Journal, thoroughly cover the entire field of poultry literature, and make a poultry library in themselves.

THE GREATEST COMBINATION EVER OFFERED

and especially so when you take into consideration the fact that American Poultry Journal contains from 68 to 188 pages of interesting matter, any number of which is worth more than we are asking for one year's subscription to all three magazines. This offer is for both new and renewal subscriptions. Cut out the coupon and send in your order today. Address all orders to

American Poultry Journal, 358 Dearborn St., Chicago, Illinois

American Poultry Journal, Chicago, Ill.

Gentlemen:—Please find enclosed 75 cents in payment for one year's subscription to American Poultry Journal, Farm-Poultry and Western Poultry Journal.

Name

Town

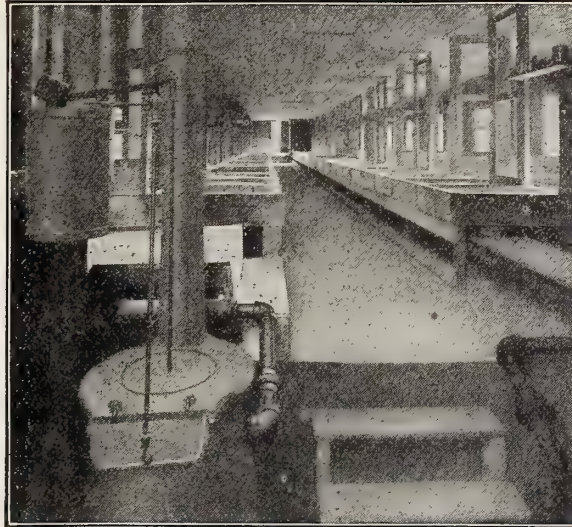
Route or Street No. State

PAYS FOR ITSELF IN A YEAR

Candee Hot Water Brooding System

soon earns its cost

Saves fuel
Saves time
Saves labor
Saves chicks



Sensation of 1910.

Incu - Brooder

for custom hatching

Sectional
Double control
Any capacity
No float on it

Our Catalogue Belongs to You

Let us show you the earning power and the saving in incubators, brooders,
brooder heaters, hovers and heating plants.

CANDEE INCUBATOR AND BROODER CO.

Department 2, : : DEWITT, N. Y.

Read Its Record

operated during February
and March 1910 at a
fuel cost of 1½ cents per
1000 eggs per day. ..

"QUALITY" BARRED ROCKS

BREEDERS FOR SALE NOW



I have hatched a great number of chicks from my superb pens, hence all of my CHAMPIONS OF THE BREED are offered at low prices. There is time now for you to get some fine chicks from these excellent breeding birds. I have cockerel and pullet breeders in plenty and they will go at right prices. If you want some of the stuff that I have reserved for my own breeding get your orders in now. Before the egg season started I was sold out of stock and returned many orders. Now if you want the quality you could not get before let me know. Correspondence is a pleasure if you mean business. I have one thousand chicks growing and invite you to come and pick out what you want or will take great pains to tell you exactly what it is.

Amos Burhans

--:

Box A, Waterville, Minnesota

FREE! ORIGIN AND HISTORY of All BREEDS OF POULTRY

THE greatest book on poultry ever published, contains sixty-five pages of reading matter, size 9x12 inches, also contains illustrations of 198 different fowls in their natural colors, painted from life. Regular price \$1.00. It has taken years to complete the drawings for this book. It is something never before attempted by any publication, not even the Standard of Perfection contains pictures of fowls in colors.

This book is being sold for \$1.00 every day, but we want every poultryman to have one, as it is the grandest piece of work ever accomplished in poultry literature and is a living ad for its publishers—American Poultry Journal Publishing Co. To accomplish our object and get a copy of this book into the hands of every poultry fancier, we will give one copy FREE for the first six subscriptions to American Poultry Journal you send us at one-half our regular subscription price.

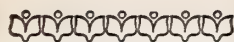
Send us six subscriptions to American Poultry Journal together with \$1.50 and we will send you, postpaid, a copy of the Origin and History of All Breeds of Poultry.

BUT THIS IS NOT ALL

You can take subscriptions at any price from 25 to 50 cents and keep everything above 25 cents as your commission. For the first six subscriptions you send us you will receive a copy of the Origin and History of All Breeds of Poultry as per offer above and these subscriptions will count on the grand prizes listed below as well as any other subscriptions you send us.

Do not fail to read this list carefully as the prizes are well worth your time and trouble and will many times repay your efforts to secure the subscriptions for us.

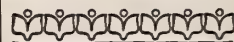
LIST OF GRAND PRIZES



First Prize

**\$600
WING PIANO**

The best piano manufactured by the well-known piano manufacturers, Wing & Son, New York City, N. Y., will be given the agent sending us the largest number of subscriptions before June 10, 1910. : : : : :



Second Prize

**\$100
CASH**

Will be given the agent sending us the second largest number of subscriptions before June 10, 1910. : : : : :



\$200.00 will be distributed among the eight next highest agents as follows:

3d Prize, \$50	Pen of Fowls, your choice, or Incubator or Brooder, any make you desire
4th Prize, \$35	" " " "
5th Prize, \$30	" " " "
6th Prize, \$20	Trio of Fowls, your choice, or Incubator or Brooder, any make you desire
7th Prize, \$20	" " " "
8th Prize, \$15	" " " "
9th Prize, \$15	" " " "
10th Prize, \$15	" " " "

In making your selection of Fowls, Incubators or Brooders, they must be selected from Advertisers in American Poultry Journal

Special Instructions to Agents

1. Renewals count the same as new subscriptions. 2. Cash must accompany all subscriptions; this will avoid any misunderstanding. 3. Keep a duplicate list of all subscribers sent us in case any question arises when the contest closes. 4. In case of a tie the value of the prize will be divided. 5. The subscription contest closes June 10th, 1910. All letters postmarked that day will be counted, thus giving those at a distance an equal chance with those near. 6. A list of the winners will be given in the July issue, 1910. 7. All agents may work where they please; this is fair to all. Send for more coupons or any supplies you need. 8. The coupons are made with receipts at the side to be torn off and given to subscribers. This assures the subscriber that you are our authorized agent. 9. No subscription can be sold for less than 25 cents. 10. You must send at least two subscriptions to entitle you to agents' commission or prizes. 11. All subscriptions must be taken on the merits of the publication. 12. Notice—Sell our book, "Origin and History of All Breeds of Poultry," at \$1.00 and keep 25 cents as your commission, this will count as four subscriptions on the contest. Also, take three years' subscriptions to American Poultry Journal at \$1.00 and keep 25 cents as your commission, this also will count as four subscriptions on the contest. : : : : :

TODAY IS THE TIME TO START if you wish to secure one of our new books FREE. Remember, too, that if you get an early start you have the advantage of always being in the lead, and this is better than to be always trying to catch up with the other fellow.

We will furnish you with a sheet of special bargain coupons which you can use if you desire. These coupons have been successfully used on former contests and whereas you only receive 10 cents as your commission when using same, you will find that you can get many more subscribers. In fact, we have agents who give all of their commission to the subscriber and in this manner get many more subscriptions. Send for as many sample copies as you can use to advantage and they will be sent you free of charge.

American Poultry Journal Pub. Co., 358 Dearborn St., Chicago

NOTICE: SEE OTHER PAGE FOR SPECIAL OFFER THIS MONTH

A Gold Watch Free to Every Agent

We will give a TWENTY-YEAR GUARANTEED GENTLEMEN'S GOLD WATCH TO EVERY AGENT who sends us 50 one-year subscriptions at 25c each or 20 three-year subscriptions at 75c each during the month of May, 1910, and will also allow these subscriptions to count on the Grand Prize Contest, which closes June 10th, 1910.

Remember, the regular subscription price of AMERICAN POULTRY JOURNAL is 50c per year, and you can take subscriptions at any price from 25c to 50c and keep everything above 25c as your commission. You get this commission besides the watch and grand prizes.

THE WATCH

To make a long story short, the watches we give are as good as you can buy on the market today. They are guaranteed to give entire satisfaction. The case is a twenty-year gold filled (the best on the market), and the movement 7-jewel (good enough for any man). The designs are handsome, and above all, the watch is not a so-called "Premium Watch," but is bought by us from a first-class jewelry house in this city, who sell nothing but reliable goods.

WHAT OTHERS SAY

Gloversville, N. Y., July 22, 1909.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Dear Sir: I received the watch that I won as the fourteenth prize in your subscription contest. It is a fine timepiece and I am more than pleased with it. This is the seventh prize I have won on your subscription contest. They have all been valuable prizes. I have spent no time in getting subscriptions, as I have no chance to get out. If I had the time to go out I could get twice the number. Am sorry I cannot send you my photograph at present. Thanking you again for the fine watch you sent me, I remain,
Sincerely yours,
Ira Sitterly.

Kewanee, Ill., July 24, 1909.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Gentlemen: I have been out of the city for some time, hence the delay in my writing and thanking you for the watch I received in your subscription offer. It is certainly a fine watch, and far above what I expect-

ed to receive. Have heard many flattering comments on your paper from many of the new subscribers I sent in. All are well pleased with it, and I expect to get their renewal next year.

I have no photo of myself at the present time, else I would gladly send you one. Respectfully yours,
Jas. S. Bremner.

Wadsworth, O., Jan. 14, 1910.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Gentlemen: I wish to thank you for the prize I won in your subscription contest for the fall of 1909, which is a twenty-year gold watch. My friends tell me it was worth working for. All the subscribers I got are well pleased with the Journal, and I am satisfied with the watch.

My treatment was fair and cordial in the contest, and I will keep right on trying to get subscriptions for the best poultry journal published. Yours respectfully,
Oscar C. Nicodemus.

North East, Pa., Jan. 10, 1910.
American Poultry Journal Pub. Co.,
Chicago, Ill.

I received the watch in good condition, and some time ago. Many thanks for same; it is a fine timepiece and a very pretty watch. I thank you again for your courtesy to me, and wishing you and your paper much prosperity and success, I remain,
Yours truly,

R. A. Page.

Kansas City, Mo., Jan. 22, 1910.
American Poultry Journal Pub. Co.,
Chicago, Ill.

Dear Sir: Received your letter notifying me that I had won a prize in the fall subscription contest. The watch has also arrived in good order and is now keeping good time. It is a handsome watch and has been much admired by all who have seen it. I desire to thank you for your generous treatment accorded us during this contest. Will be in on your new contest. Yours truly,

C. S. Hunting,
1304½ Main St.

We have a great many more of these letters in our file from satisfied agents, and soon hope to have yours among them.

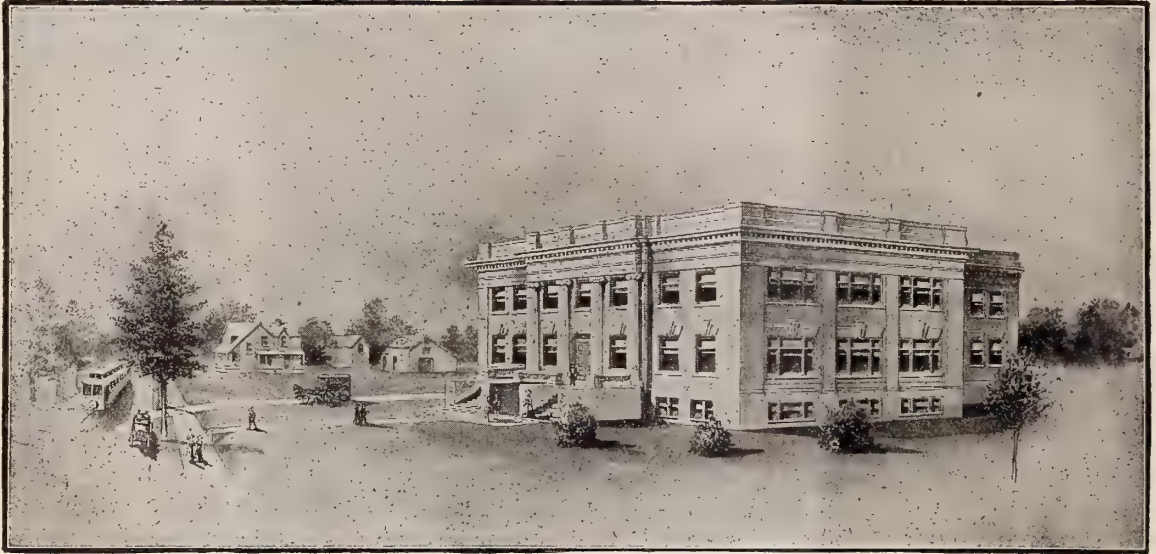
Read this offer again, also the grand offer on the other side of this page and then use your own judgment, whether you can use your spare time to better advantage or not. REMEMBER, it only takes 20 three-year subscriptions at 75c or 50 one-year subscriptions at 25c to get a gold watch, and these subscriptions also apply on the grand prize contest, details of which will be found on the other side of this page. Send all subscriptions to

American Poultry Journal Publishing Company
358 Dearborn Street : : Chicago, Illinois
THREE-YEAR SUBSCRIPTIONS COUNT 4 ON THE CONTEST

100 PER CENT PROFIT

THE FIRST YEAR

Keeping Poultry by the Philo System



PHILO NATIONAL POULTRY INSTITUTE. 27,000 SQUARE FEET OF FLOOR SPACE

We Guarantee

That any intelligent person can make a profit of 100 per cent on an investment in the poultry business by the Philo system, and our guarantee is backed by

One Hundred Thousand Dollars

worth of real estate in the city of Elmira, consisting of thirty acres of land and the complete plant of the Philo National Poultry Institute. This entire plant and equipment has been completely paid for out of the earnings of the poultry and poultry supply business by the Philo System.

The discoveries made to perfect the Philo System are the results of forty-one years' experience by one person experimenting and investigating the poultry business. We know that still larger profits can be and are being made by following our instructions, or we would not risk a hundred thousand dollars to back our guarantee. Our book, "The Philo System," tells how to do the work from start to finish and gives you the right to use all our inventions and discoveries to get such wonderful returns.

If in doubt about our responsibility and the value of our guarantee, write Mr. D. M. Pratt, President of the Second National Bank, Elmira, New York, or any other reliable party.

Send us \$1.00 and we will send you promptly our complete book and our agreement.

E. R. Philo, Publisher : 629 3d St., Elmira, N. Y.

CONTENTS OF THE PHILO SYSTEM BOOK:

Artificial Heat

Better poultry without it.

Artificial Incubation

About opening incubator during first week.
Avoid too much cooling.
Changing position of eggs.
Cooling the eggs at night.
Cooling the eggs on special days.
Overcoming defective work of first week.
Generation of heat by growing chicks.
Never set eggs in two layers.
Rules for second and third weeks.
Temperature of working room.
The cause of failure.
The instinct of the hen.
To raise temperature quickly.
Use of woolen cloth and hot water.
Watch the damper and regulator.

Best Age for Breeders

Best results from year-old hens.
Hatching in February and March.
Hens from five and ten years old.
Winter hatched pullets quick moul-
ters.

Breeders for Broilers

Breeders for Exhibition

American Standard of Perfection.
Chicks from first eggs after mating.
Keeping careful records.
Use of leg bands.

Breeding in Line

Bad effect of in-breeding.
To insure good qualities of your
birds.

Brooders

Disadvantages of wooden brooders.
Brooder coop advantages in getting
fertile eggs.
Brooding without artificial heat.
Baby chicks outdoors in zero weather.
Large brooders a mistake.
Metal Mother first week in cold
weather.
Number of chicks in fireless brooder.
Use of fireless brooder.
Perfect conditions and better birds.

Care of Breeding Stock

Adaptability of our summer and
winter coops.
Hardening fowls to cold weather.
Must be protected from draughts.
Wintering breeders in barn loft.

Coop Construction

Of brooder coop.
Of summer colony coop.
Of winter colony coop.
Of combination economy coop.
Double winter coop.
Fireless brooder.
Feed hopper.
Galvanized iron trough.

Egg Production

Early laying pullets best producers.
Good points of a productive hen.
How to get large egg yields.
Large hens not best.
Laying in cold weather.
The color of eggs.
The hen for market eggs.
Measuring food bad practice.
Sprouted oats.
The rest periods.

Eggs When Prices Are High

Bringing the highest market price.
Hatching in winter.
Out-of-date methods.
Summer and fall chickens.
Natural breeding season.

Fertility

Fertility and feeding.
Fertility after mating.
Fertility after separation.

Results of change in mating.
Sure results after two weeks' mating.

Food

Cooked lean beef.
Cut clover.
Chick's first food.
Feeding the first three weeks.
Feeding from three to eight weeks.
Feeding from eight weeks to maturity.
Full crops at night.
Formula for wet mash.
Food for cold weather.
Green cut bone never given.
Green food at 15 cents a bushel.
Give hens all they will eat.
Hens properly fed.
Never feed grease except for fattening.
Oats spaded in dirt daily.
Straw on floor.
Sprouted oats.
Supply bulky food in the morning.
Water supply and egg supply.
Winter food.

Gapes

Grading

Green Cut Bone and Infertil- ity

Hatching

Get ready before ordering eggs.
Keep in advance of your business.
Hatching with hens.
Active hens the best setters.
Changing eggs in the nest.
Cleaning eggs.
Nests on ground no better than in
the barn loft.
Raising the chicks in our brooders.
Saving the chicks by removing the
eggs.
The causes of poor results.

Helping the Chicks in Hatch

Chicks properly grown can all be
saved.
How to save them.

How to Start

Buy the best eggs obtainable.
Foundation stock hatched in Febru-
ary and March.
Guaranteed fertility.
Starting with two pairs of birds.
Starting where you now live.

How to Use Coops

Large and Small Flocks

Egg production.
Advantages of small flocks.

Leg Weakness

Indigestion the cause.
Remedied by care in feeding.
Seldom occurs when chicks are on
the ground.

Lice

Put powder on brooder cloth.
Use of boiling water.
Use of wood ashes for hens.

Location

A combination for an acre lot.
Natural grit.
Sandy and gravelly soil.
Stony and lumpy soil to be avoided.
The new Philo plant and grounds.

Keeping Eggs for Hatching

Evaporation of moisture decreases
the vitality of the chick.
Germ killed by high temperature.
Low temperature not disastrous.
Natural position for keeping eggs
for hatching.
Not best to turn eggs daily while
waiting.
Temperature and evaporation.
Temperature.
Two weeks the limit for keeping
eggs to hatch.
Setting eggs the day they are laid.

Moisture

Evaporation while waiting for hatcher.
Excessive moisture produces too large
a chick for the shell.
Supplying moisture the last week.
Too little moisture and the results.

Pedigree Breeding

Banding chickens.
Expanding the leg bands.
Mating the birds.
Record difficult to keep.
Sixteen toe marks.

Plans for a Large Plant

600 coops on two acres to accommo-
date 10,000 chicks.

Poultry Helps the Garden

Mixing the fertilizer with soil.
Value of the fertilizer.

Pullets

Properly matured in space of one
and a half square feet.
Winter hatched pullets as breeders.

Results of Philo System

\$1,500 a year from 60 hens.
\$1,500 a year for market eggs from
1,000 pullets.
Average eggs hatched and chicks
raised.
Another estimate of profits, chiefly
from broilers.
Cost of starting a broiler farm with
60 lampless brooders, coops and
incubators.
Setting brooder-hatcher Dec. 10.
Plan of new grounds.
National Philo Poultry Institute.

Selecting Breeders

Advantages of selecting new breed.
As to the superiority of breeds.
Breed a matter of choice.
Making setters of non-setters.
Productiveness between rest periods.
Strain considered above breed.
The good breeding hen.
Width of hen and general make-up.

Selection of Hatching Eggs

Less than 24 ounces or more than 32
ounces per dozen never used.
Shape and color of shell important.
The test by sound.
Weight of 25 ounces per dozen pre-
ferred.

Sex Control

Selection of male and female.
To raise 70 to 90 per cent cockerels.
To raise nearly all pullets.
Vitality of male and female.

Testing Eggs

Theories without foundation.
To make a living from poultry.
Not a "get-rich-quick" scheme.
Ordinary good stock.
Prices of eggs and profits per hen.
Strict attention to business daily.

Two-Pound Broilers

In eight weeks.
Raised in space of one square foot.
Tender as squab when closely con-
fined.
The food and care of broilers.
To prevent leg weakness keep on
spaded ground.
Use of salt and of milk.
What investment and profit to ex-
pect.

Winter Quarters

Adaptability of houses already built.
Comfort of the fowl.
Importance of ventilation.
Keep flocks small.
Ground not so important for mature
hens as for young and growing
chickens.

Value of Sunshine

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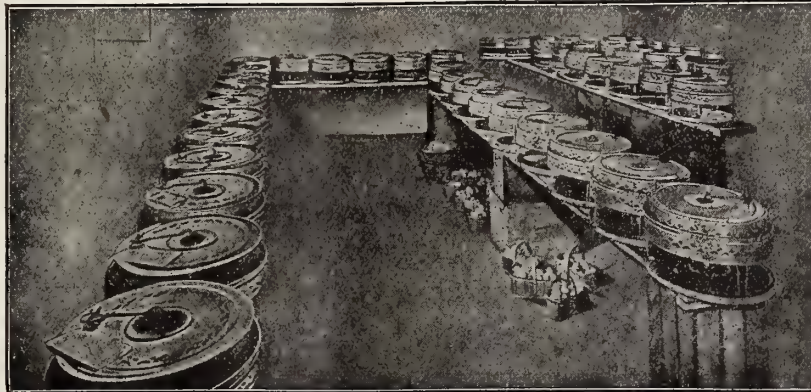
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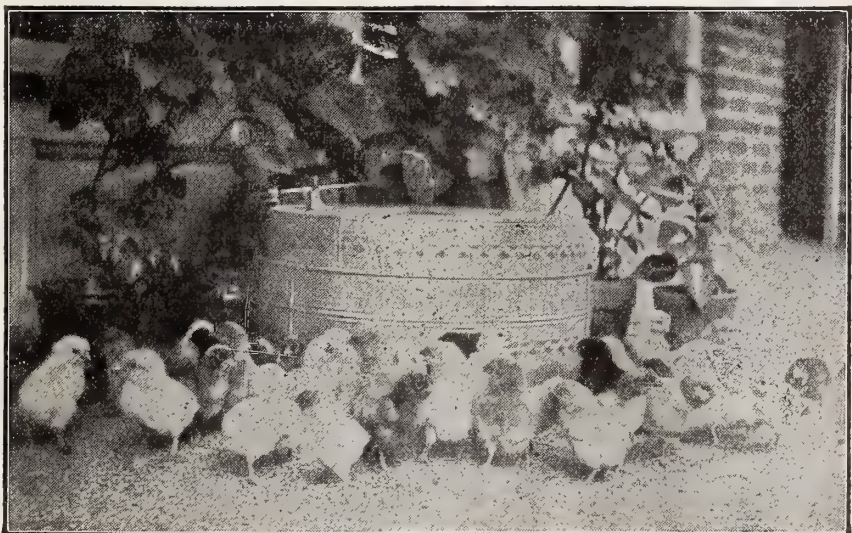
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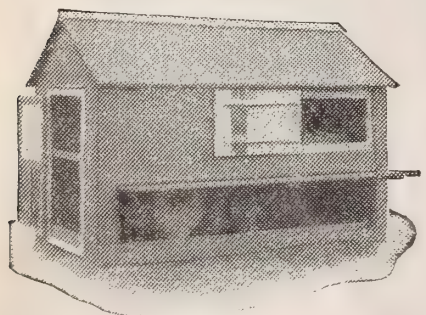
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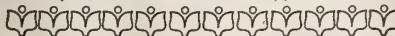
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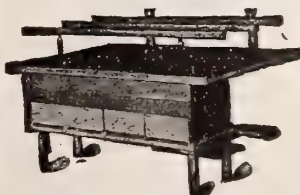
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BLACK WYANDOTTES. My original prize strain, acknowledged by authorities the original Black Wyandottes. Eggs from great pens, \$4 per 15, \$7 per 30. Birds for sale. Circulars.

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Are the down-to-date, low set, blocky kind that are winning at the best shows in the country for us and our customers. We wish you could see our birds as we see them every day, then you would know how good they are. We want you to know that our Buffs are of that bright, even, golden color down to the skin, in hackle, wing bows, back and saddle, with rich, red eyes. Our Blacks are massive fellows with a lustrous green sheen that defies criticism.

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The last three years we have won 80 regular prizes on our Orpingtons, besides cups and specials, and we have kept these winners right in our yards to sell eggs from, so that our customers could share with us the good results to be obtained from such grand matings.

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Eggs for hatching from birds that won best display in the largest and best show of this kind ever held.

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HOUDANS AND INDIAN RUNNER DUCKS

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Last call! We can fill a few more orders of the coming American breeds, **Silver Penciled and Columbian Plymouth Rocks**; prize winners wherever shown. We have won 5 silver cups and 107 ribbons at three leading shows. Columbian Rock eggs, \$3 per 15; Silver Penciled, \$5 per 15.

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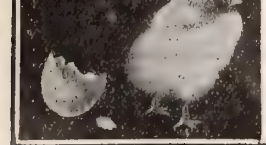
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Starts you in January, and take you clear through the year—telling you just what to do to successfully handle your fowls in the safest and most economical way that is consistent with good business methods, to make the largest success possible with your fowls.

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SINGLE COMB. My best pen contains Madison Square Garden and other winners. Eggs, \$5 per 15. Second pen headed by cockerel winning at Philadelphia and Norristown, Pa., mated to select females, \$3; other matings, \$2. My birds have superb shape and color. Breeding cockerels, \$5 and \$10. Baby chicks, \$15, \$25.00 and \$40.00 per 100. Write me. I can please you.

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Winners at N. Y., Chicago, Cleveland and Pittsburg Shows

At the late Pittsburg show our Buff Orpington cock again won 1st; also won 1st hen, 3d cockerel and 3d pullet. In R. C. Reds won 1st pullet, 2d cockerel, 5th cock, 3d, 5th hen, 2d pen. S. C. Reds, won 1st cockerel, 3d cock, 2d, 3d hen, 2d pen. Special prices on grand breeding cockerels in above varieties. This is your opportunity to get a fine male from us to improve your flock.

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Chicago and Indianapolis Winners

Blue comes easy to Martz's line-bred, trap-nested layers. Chicago—1st pen, 1st cockerel, 2nd cock, 3rd cock, four best pullets, four Club Specials. Indianapolis—1st and 2nd pens, 1st cock, 1st pullet, 2nd and 3rd cockerel, five Club Specials, and other minor prizes at both shows. A few cockerels for sale. The largest Egg Catalogue and Mating List ever issued will be ready for mailing about January 10, 1910. Twenty-five illustrations and other valuable information. *Free.* Send for one.

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EXCLUSIVELY : : : : THEY LAY WHILE OTHER BREEDS SLEEP

Recent Chicago Winnings Dec. 7 to 12, in the largest entry and the strongest competition ever shown at Chicago, I won 1st, 2d, 3d hens; 1st, 2d, 3d pullets; 1st, 2d, 3d cocks; 2d, 3d, 4th, 5th cockerels; 1st pen.

Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and 1st on pen; also cup for best display. Exhibition birds of the highest quality now ready. My stock in customers' hands won firsts in most all of the leading shows last Winter and will do it again. Do you want the winners in your show? If so get in touch with me and state your wants. I can supply you with

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in any quantity, for I have the **Largest Single Comb White Leghorn Farm in the Middle West.** Inclose ten cents in stamps or coin for the finest White Leghorn catalogue ever published. Every inquiry and order has my personal and prompt attention. Write me today.

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First Prize Cock, Chicago, 1909

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Michael's strain are winners. Vigorous farm raised birds and persistent layers. No more stock for sale at present. Egg orders booked now. Free catalogue.

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Winners and layers. Won at Pana Poultry Show, January, 1909, 4 firsts, 4 seconds, 2 thirds, 2 fourths, also six specials. Egg records to 272, as shown by the trap-nest. Four good cockerels from fine layers at \$5.00 each. Eggs for hatching at \$3.00, \$5.00, \$10.00 per 15. Mating list free.

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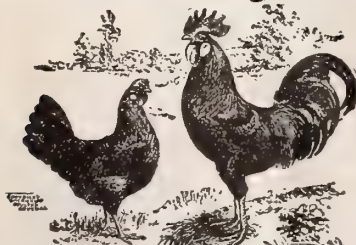
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We have excellent size, shape and color. Send for fine catalogue of breeding pens.

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Champions of the Great Mid-Show, Chicago, December 7-12, 1909—Won on Rose Combs: First, second and fourth cock; second cockerel, first and third hen; first, second and third pullet. On Single Combs: First cockerel; third and fourth hen; third, fourth and fifth pullet. Write for catalog of 1910 matings.

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Winners of the Red and Blue at the largest shows on the continent. Birds bred by us and exhibited by us and our customers have won more Red and Blue Tickets at Guelph, Toronto, Boston, New York and Buffalo and many other large shows than any other Minorca breeder on the continent. If you doubt this assertion, please drop us a card and we will send you the proof. Eggs after the 10th of May, \$2.50 per 15. We only have four pens, two of R. C. and two of S. C. and the best we ever owned.

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again victorious at Madison Square Garden. Six ribbons on 6 entries 1909. Five ribbons on 6 entries 1910. Eighteen premiums on 19 entries Mineola, N. Y., 1909. Twenty premiums and 2 specials on 25 entries Brooklyn, N. Y., 1909. All my winners with two exceptions are in my breeding pens. Eggs, \$3.00 for 15, \$5.00 for 30. Quality considered, I defy competition at these prices. Utility Barred Rock eggs at \$6.00 per 100 after March 1.

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Look at These Prices and then Consider the Quality

	One Setting Eggs	100 Eggs	25 or More Chicks
Leghorn, Utility Stock.....	\$1.50	\$ 6.00	12c each
Leghorn, Special Matings.....	2.50	10.00	20c each
Reds, Utility Stock.....	2.00	8.00	15c each
Reds, Special Matings.....	4.00	17.50	40c each

Winners at Allentown, Trenton, Norristown and Philadelphia. All stock bred on range under ideal conditions.

By appointment we meet train or trolley for those interested in our breeds.

THE WINONA FARMS
Penna. State Agents for Norwich Automatic Exerciser and Feeder
BOX 272, LANSDALE, PENNSYLVANIA



First prize and color special at Cleveland, 1910

TANNENBAUM FARMS —“VICTOR” STRAIN— Barred Plymouth Rocks

Continue to keep in the front rank at the big shows and there is no reason why they shouldn't as they have been produced from lines that have been winning for the past several years. At Cleveland this year we won first and fifth and color special on hens and second and fifth pens. Our matings this year are second to none, as our “Victor” strain are so named because they combine high class exhibition quality with utility being exceptional good layers.

Our Columbian Wyandottes

Are also getting their usual share of high honors. At Cleveland we won second and fourth hens and second and fourth pens, showing none of our previous winners. At Madison Square Garden we won first on pullet and have added second cockerel and second pen at this same show to our breeding pens. First and second pullet and second cockerel at the Ohio State Fair are also among our list of winners. We have mated a few unusually choice breeding pens. Send for catalogue containing mating list, description and photos of plant, stock for sale, etc.

Tannenbaum Farms, Willoughby, O.



1st prize Col. Wyandotte pul., Madison Sq. Garden, '10

Almendinger's R.C. Buff Leghorns
 Won at Madison Square Garden, New York, 1909-1910, first cock, second ckl. on two entries. A few good cockerels for sale. Eggs for hatching. Catalogue.
 A. F. Almendinger, 42 N. Orion Place, Buffalo, New York

WHITE ROCKS

I have two very choice pens mated for the egg trade. Will spare a few settings at \$5 and \$3 for fifteen. Write for mating list or order direct from this advertisement.
 W. N. Graham : : Bradford, Illinois

ELITE White Wyandottes S. C. W. Orpingtons

My pens comprise all high scoring birds and many blue ribbon winners. Am now booking orders for eggs. : : : :
 W. H. H. Chappell : Westerly, R. I.

The Eureka Trap Nest

The simplest, the cheapest and the best TRAP NEST on the market. Send for catalog.

Eureka Trap Nest Co., Willoughby, O. Ferris' White Leghorns



Winners at Chicago, St. Louis, Toledo, Louisville, Pittsburg, Detroit. Bred for size, health, vigor and eggs. All stock sold on approval. Eggs from exhibition matings, half price after June 1. Breeders at reduced prices during the summer. Write for mating list and 32-page catalogue. Please mention A. P. J.

THE FERRIS POULTRY FARM
 Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

Sanitary Chick Fountains and Atsatt's Chick Feeders



The best for small chicks. Bottom snaps on. Will go into any brooder but cannot tip over easily. No chance for the chicks to get drowned. Five inches high. Holds one quart. Price 25 cents. We will send you one by return mail, postpaid, for 35 cents.

The Atsatt's Chick Feeder

is a great saver of labor, trouble and feed. Has a removable top. Chicks can get the feed, but cannot



get into it. Makes chick feeding a simple matter. Will pay for itself in a few days. Goes into any brooder. Is 10 inches long and 4 inches wide. Price 25c, or by return mail, 35c. Send for our catalogue of sanitary poultry fountains, self-feeding boxes and other supplies.

Atsatt Bros., 27 Pearl St., Mattapoisett, Mass.

HAS BEEN SHIPPING EGGS FROM HIS

ROBISON Buff Rocks

from ocean to ocean, from the Gulf to Canada. Do not fail to place an order for eggs or baby chicks before the season closes. Free illustrated booklet. Special mating, \$10 per 15. Grand matings at \$5 and \$3 per 15. Range flock, \$1.50 per 15. Some of my breeders for sale after May 15. Also eggs at half price.

W. S. ROBISON
 State Vice-Pres. Buff Rock Club
 Route 1, Fayette, Missouri

S. C. W. Leghorns : Columbian Wyandottes

Harvester Strains

May is the banner month to set eggs and raise layers and winners for the Winter shows. Don't let this month go by, without writing to get the mating sheet of the Harvester strains.

H. A. D. Leggett, 21 Rowley St., Gouverneur, New York

Jones' White Plymouth Rocks

Win at the great Chicago Show, December, 1909, first pullet, third cockerel, third pen and White Rock club special. Win again at Illinois State Show, Springfield, January 3-3, 1910, first and third cockerel, first and second pullet, first pen, \$25.00 silver cup and three White Rock club specials. This ought to convince you I have quality. A few choice cockerels for sale. Eggs at \$5.00 per fifteen.

Fairview Poultry Farm : : W. E. Jones, Proprietor : : R. F. D. 20, Williamsville, Illinois

Winners For 17 Years Layers

Nixon's White Wyandottes

Have made good, not only for myself, but in hands of my customers. If you want deep round breasts, broad saddles and tails, pure white plumage, together with extra layers, write me. My yards for 1910 are mated with birds that conform very closely to new standard requirements and they are sure to produce winners if winners are produced anywhere. My yards contain Madison Square, Boston, Jamestown, etc., winners, or direct descendants. Eggs ready for shipment after January 15, 1910. Write to day for my literature.

Chas. Nixon, A. P. A. Judge and Member, Box 202, Washington, New Jersey

When You Buy Eggs from Blaker's Barred Rocks



You get them from females that are clean, snappy, narrow barred throughout, good in size and superb shape; have low even combs, rich bay eyes and nice yellow legs. Mated with them are elegant males like the one illustrated in this ad. Many are direct descendants of Madison Square Garden winners; others our great Kansas City and Parsons winners. At the big Kansas City show we were the only exhibitor winning in all classes, cock, cockerel, hen, pullet and pen.

14 Superb Matings for 1910

I was head poultryman and foreman for E. B. Thompson for two seasons and have mated my yards with the same care that I did the Great Ringlets, under Mr. Thompson's directions. All say my yards are the most skillfully mated of any ever seen in the west.

Eggs from our Finest Exhibition Matings, same as we set from ourselves at \$3 per 15, \$5 per 30, \$8 per 50 and \$15 per 100. From Special Selected Pens, \$5 and \$10 per 15. Incubator Eggs, \$2 per 30, \$6 per 100.

A. E. BLAKER, Box A, Route 2, Parsons, Kansas

\$2.00 STANDARD OF PERFECTION

FOR ONLY
\$1.50

This is the first time in the history of the A. P. A. that the Standard of Perfection has ever been offered at a reduced price. By special arrangement we are prepared to offer you a flexible black cloth bound Judges' Edition for only \$1.50. You should send at once if you desire to secure this price, for the supply won't last long. Address

American Poultry Journal Pub. Co.
 358 Dearborn Street : : Chicago, Illinois

P. S.—Better also enclose 50c for a year's subscription to the American Poultry Journal, which will give you any information you desire on poultry raising. If already a subscriber, we will extend your subscription one year.

Blue Andalusians ∴ Black R. C., White R. C. and Partridge Cochin Bantams ∴ Golden Pheasants

EGGS for hatching from Cleveland, Toledo, Columbus and Chicago winners. SWISS CHARD belongs to the beet family, the tops making a wonderful growth and can be cut repeatedly. Poultry is very fond of it. One ounce of seed will drill a 100-foot row and make green food for at least 100 hens. Seed 10 cents per ounce. Order direct from this ad.

L. C. Taylor

Gibsonburg, Ohio

Thorniley's S. C. Anconas

Largest specialty breeder of Single Comb Anconas in America. Bred in line from Madison Square Garden winners, and from heavy winter egg producers. There are no better layers. My birds have won their share of the prizes all over the country for my customers. I can give you show winners, regardless of competition. Stock, day-old chicks and eggs for sale. Circular and description of Anconas mailed free. Mention A. P. J.

Willard J. Thorniley

Life Member American Poultry Association
Member Ancona Club of America

R. 1, Box 36, Marietta, O.

S. C. BLACK ORPINGTONS

Spring of 1910. \$10 eggs for \$4 per 13. Why are they \$10 eggs? Because they are the equal of any \$10 eggs in the country, and all are from my celebrated Duke of Kent Strain—the greatest prize winning strain of Black Orpingtons in America. Send a one cent stamp for a 9x12 chromo and the history of the greatest of all winter layers. Please mention American Poultry Journal when writing.



Foster & Johnston : R. R. 7 : Fort Wayne, Indiana

HONORARY STATE VICE-PRESIDENT AMERICAN ORPINGTON CLUB

ROSE AND SINGLE COMB R. I. REDS

Winners of over 150 prizes during past 5 years in good hot classes, in such shows as Toledo and Cleveland. At the recent Cleveland show, on five entries, 4 of my birds were placed. I have plenty of good breeding stock yet for sale, and my prices are very reasonable. My circular gives you all my winnings and many testimonials from pleased customers, and will convince you I have good quality in my Reds. Will treat you right. EGGS from my select matings, only \$5 per 15. Write for my free circular and mating list. I will satisfy you.

B. M. BILLINGS - BOX A - OBERLIN, OHIO

S. C. BUFF ORPINGTONS Cleveland Winners

We won again at the great Cleveland Show, 1, 3 cocks; 1, 2, 3, 4, 5 hens; 1 ckl.; 2, 3, 4 pens and 2 silver cups. Our Buffs have won at Cleveland for years, and this last victory, in competition with the best in the country, should convince you we have the highest quality in Buff Orpingtons and know how to reproduce them.

Eggs: From our extra choice pens, \$10 per setting; from other grand matings at \$3 and \$5 per setting. Mating list free. Write today, mention American Poultry Journal.

Roseland Poultry Farm

Chas. W. Switzer, Owner-Manager

South Euclid, Ohio

Woodlands Farm

INCORPORATED

Baby Chicks and Hatching Eggs From Selected Matings in Barred Rocks and S. C. White Leghorns

REDUCED PRICES. Our matings for 1910 contain the very best breeders selected from many thousands of birds raised on our farm. Every Egg and Every Baby Chick shipped by us will be from our own matings and from our own farm. We want Your Patronage and we want to retain it. Satisfaction assured.

1,000 Breeding Birds For Sale. We believe that some of the very best Eggs for Hatching and baby chicks will be sold from our matings this season. No matter how many you need, write us for Reduced Price and for Catalogue.

Woodlands Farm, Inc.,

R. F. D.

Iona, New Jersey

PATENTS Books free. Rates reasonable. Highest references. Best services. **PROTECT. WATSON E. COLEMAN, Patent Lawyer, Washington, D. C.**

Lipe's R. C. Rhode Island Reds

Don't let the season go by before you get some eggs from St. Louis prize winners.

W. D. Lipe, 329 Chestnut St., Litchfield, Illinois

S. C. Brown Leghorns

1st and 2d cockerels, 2d hen, 3d and 4th pullets at Cleveland, 1910, on 5 entries. Eggs, \$1.50 to \$3 per 15.

Geo. F. Buck, Port Clinton, O.

R. C. Black Minorcas

Winners wherever shown. A few more settings of eggs to spare. Write for special price.

J. S. Bales, Route 2, Springfield, Illinois

MAYWOOD FARM

150 acres. Prize winners Indianapolis, Cincinnati and Frankfort. 7 mated pens for best results. A limited number of eggs, \$3 to \$15. Chas. C. Coulter, Member R. I. Red Club and A. P. A., Frankfort, Indiana.

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

Bronze Turkeys and Partridge Wyandottes

MADISON SQUARE GARDEN CHAMPIONS—Choice stock always for sale. Read our prize record before buying. Turkey eggs, \$5 to \$15 per dozen. Wyandotte eggs, \$5 to \$10 per fifteen.

BIRD BROS.

Box C, Meyersdale, Pennsylvania

Trethaway's Anthracite Black Minorcas

Still hold their record by winning at the largest shows in America 1908-'9. Four choice pens mated, the cream of 18 yrs. breeding and will produce winners for 1909-10. Limited number of eggs sold this year, \$5 per 13, \$9 per 26. Send for mating list.

ARTHUR TRETHAWAY, 45 Parish St., Wilkesbarre, Pa.

S. C. W. Leghorns and White Wyandottes

Whitecrest Strain. Silver cup and many 1sts at Cleveland and Detroit. For the 3d time our birds won the silver cup for best display at the Cleveland show: 1908-9-10. Eggs from prize matings, \$2, \$3, \$5 per 15. Circ. free.

H. C. & C. W. Sixt :: Box 42, West Park, Ohio

Bennett's

Red Pyle Exhibition Games

won at Madison Square Garden, Pittsburgh and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

Henry Bennett, Brown, West Virginia

PRINTING

For Poultrymen—Envelopes, letter heads, cards, egg labels, etc. Best work neatly done. Prices reasonable.

H. F. Gage, Hubbard Woods, Illinois

EGGS

from my first prize cockerel at Washington, D. C., and other special matings at \$3 per 15; \$5 per 30.

Chas. C. Wine, Mt. Sidney, Virginia

HOUDANS

Eggs half price after June 1st. A fine lot of breeding stock for sale at reduced prices. Free catalogue.

Dr. G. W. Taylor, Box A, Orleans, Ind.

NORTHUP'S MINORCAS SINGLE AND ROSE COMB

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our customers in strong competition. Our Rose Comb Black Minorcas have won more first and second prizes than all competitors combined at New York, Boston, Philadelphia, Chicago and the World's Fair. Large catalogue free.

Geo. W. Hey Successor to : : R. 6, Raceville, Washington Co., N. Y.
Geo. H. Northup & Son

Your Opportunity

To get eggs from matings of Barred and White Rocks, White Wyandottes and Golden Sebright Bantams equal to any in the United States. \$3.00 per 15, \$5.00 per 30, \$15.00 per 100. Size, shape, color, vigor and each free exclusive farm range.

D. T. HEIMLICH - - - Jacksonville, Illinois

CREGAR'S GOLDEN ROD STRAIN S. C. BUFF LEGHORNS

Our pens for 1910 are of unequalled quality. Every bird in these pens has been selected with the utmost care, not only for Standard requirements but for egg producing qualities also. Quality—not quantity is our motto. All our 1908, 1909 and 1910 New York, Chicago, Boston, St. Louis and Indianapolis, in fact scarcely a bird not a prize winner. Such an array of quality never before found in the yards of any single breeder. A few extra fine S. C. W. Leghorn males and females for sale. We are closing out our entire stock of White Leghorns and can offer the greatest bargains in America for high class birds. Write for mating list.

H. Cregar & Sons. Jackson Boulevard, Forest Park. Illinois

THE BEST REDS IN AMERICA

are owned and bred by

Maltbie & Shelley, Geneva, O.
SUCCESSORS TO ROBERT C. TUTTLE

Single Comb Brown Leghorns



AGAIN AND AGAIN

Winners In Hottest Competition

At Chicago, December, 1909—1st and 2d cock; 1st and 5th cockerel.

At Boston, 1907-8—3d and 5th cock; 1st, 2d and 5th cockerel; 3d and 6th hen.

At Madison Square Garden, 1905—1st cock; 3d pullet.

At Chicago, 1905—2d cock; 2d and 3d cockerel; 1st pullet; 1st pen; 15 specials.

At Indianapolis—1st cock; 1st cockerel; 1st pullet; 1st pen.

Unsurpassed in Quality. Like Begets Like.

Eggs, \$3 and \$5 per setting

W. H. WIEBKE
Box P-348, Fort Wayne, Indiana

EGGS



Baby Chicks and Ducklings

PLUTO STRAINS
AMERICA'S BEST BLOOD

Health - Strength - Quality - Utility

White Rocks, Leghorns, Wyandottes,
Barred Rocks and Rhode Island Reds

Send for Booklet and Price List

Frogdale Poultry Farm
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FRENCH LICK, IND.

PLUTO

Indian Runner and Pekin Ducks

RIPPLEY'S Day-Old Chick, Egg and Poultry Shipping Boxes

ARE GUARANTEED TO GIVE SATISFACTION OR MONEY RETURNED. Made of strong, Corrugated Pasteboard; will stand weight of five men. Dead Air Cells keep out heat and cold. If you want your customers to receive shipments without loss or high express charges use these boxes. Order direct—now. Here are the prices.

Fowl Shipping Coops.

No.	Size.	Per Doz.
1.	12 x 16 x 18.	\$2.75
2.	12 x 18 x 22.	3.25
3.	12 x 22 x 22.	3.50
4.	20 x 22 x 22.	4.75
5.	20 x 24 x 22.	5.00

Ripley's Eyrie Egg Boxes.

Size.	Per Doz.
1 doz., 1 sitting.	\$1.25
10 " " "	1.30
25 " " "	1.15
50 " " "	1.10
1 doz., 2 sitting.	1.90

Ripley Knocked Down Anderson Egg Box.

Size.	No.	Per Doz.
1 sitting.	30.	\$1.00
2 " "	40.	1.50
50 egg size.	50.	2.50
100 " "	60.	4.00

Prices on all boxes are net per dozen.
(Special Prices on Large Orders.)

Ripley's Day-Old Chick Shipping Boxes.

Size.	Per Doz.
50 Chicks, 12 x 12 x 5.	\$1.50
25 " 12 x 6 x 5.	1.25

We manufacture All-galvanized-steel Brood Coops, Fireless Brooders, Feed Cookers, Brooder-house Heaters, White-washers, Sprayers, Spraying Solutions, Lice Killers, Bone Grinders, Steel Carts, etc. Catalogue free.

RIPPLEY MFG. CO.

 Box 27 Grafton, Ill., U. S. A.
 Mfg. Breeders' and Farm Supplies.


GUARANTEED
TO HATCH
AND RAISE
MORE AND
LARGER
CHICKS

The Famous PEERLESS INCUBATORS & BROODERS

More than 30,000 in actual use. Every one of them hatching and raising a larger percentage, with less attention and less expense than any other made. No other machine has so many improvements—so many money savers—so many labor savers as the Peerless. Here are a few of the special features:

Automatic ventilation and moisture; cold-rolled copper tank; heat distributing bars; tandem, double-compound thermostat regulator; automatic lamp; acme trip burner with combined damper and flame regulator—this is the safest burner made. It saves half the time, labor and cost of operation.

My Lamplless Brooder—the greatest brooder success of the age. No lamp, no tank, no expense to operate. Raises a larger percentage of healthy, vigorous chicks than any other brooder on the market.

Either Knock-Down or Ready For Operation

I manufacture a complete line of Incubator and Brooder Supplies and fixtures; everything to repair or remodel your old machine or build new ones. I will also make to order anything special you may want in my line.

Send for my combined catalog and book of plans. It is free. It contains more than 100 photographic illustrations, showing step by step how Peerless Incubators and Brooders are constructed and how easily you can build them yourself. Whether you build an incubator or buy one ready made, you will save money by buying from me. Send for my free book today and learn all about the "House of Quality."

H. M. Sheer Company,

Box A5, Quincy, Ill.

WRITE
 FOR
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 OF
 PLANS



Your Name Will Get \$2 Eggs

For 50 Cents Per Sitting

I will sell 2 sittings of full blood Single Comb Brown or White Leghorn Eggs for \$1 for the 2 sittings. Not less than 2 sittings sold. Eggs by the 100, \$5. Full blood White or Barred Plymouth Rock or Rhode Island Reds or Silver or White Wyandotte or W. Orpington or Rose Comb Brown Leghorn or Single Comb Black Minorca Eggs, \$1 per sitting; by the 100, \$1. Large Bronze or White Holland Turkey Eggs, \$3 for 10 Eggs. Large White Pekin Duck Eggs, \$1 for 10 Eggs. 100 egg Old Trusty Incubator, and 100 Chick Brooder, delivered at your R. R. station, both for \$14 each of the Rocky Mountains. This is a rare chance to get a start of extra fine stock and a good incubator. Send Post Office order on St. Louis and have your orders booked early.

 W. F. CHAMBERLAIN, (The Perfect Chick Feed Man)
 KIRKWOOD, St. Louis County, MO.


THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE

Insures Clean Fowls—Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."
 O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago



RATS & MICE
EXTERMINATED
SCIENTIFICALLY

WITH

Pasteur Vaccine Co. Rat Virus

Non-Poisonous—No Odors

The virus is fed to the rodents on bread, grain or other suitable bait. In the course of a few days this creates a contagious and mortal disease that is harmless to all other life. Furnished in two forms.

 MOURATUS—Gelatin Form, 50 and 75c.
 RATITE—Liquid Form, 75c, \$1 and \$1.50.

Write for further particulars and testimonials to

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 Sole Concessionaires of Institut Pasteur,
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ORPINGTONS

BLACK, BUFF AND WHITE

offer for this season only, our No. 1 quality eggs at \$3 per fifteen. We will more than please you. Mention American Poultry Journal when writing.

IMPORTED ORPINGTON YARDS

SPECIAL ANNOUNCEMENT!

Our manager, Mr. Joe Coleman, Orpington Expert and Licensed Orpington Judge, offers his secret method of producing prize-winning Orpingtons free to all patrons. Remember, Mr. Coleman bred and sold 6 Orpingtons in one season that won 5 1st and 4 2d prizes at Madison Square, Boston and Chicago. To introduce our grand matings we

offer for this season only, our No. 1 quality eggs at \$3 per fifteen. We will more than please you. Mention American Poultry Journal when writing.

JOE COLEMAN, MANAGER

LEXINGTON, OHIO

ORCHARD POULTRY FARM—ORCHARD BANTAM YARDS

THE LARGEST FARM IN THE EAST BREEDING ALL VARIETIES OF POULTRY, DUCKS, GEESSE AND BANTAMS

We won more first and second prizes in the leading shows in New York, New Jersey, Pennsylvania, Maryland and Virginia than any other farm. Largest exhibit and greatest win at America's greatest fall exhibition, Hagersstown, 1909. At Williamsport, Pennsylvania's great A. P. A. show, we won five silver cups, grand medals and more cash prizes than any other farm. Exhibition and breeding birds for sale. Eggs, \$3 per 15; \$6 per 30; \$16 per 100. Our motto: "Quality, not quantity." State your wants in first letter.

S. G. Hoke & Son

Lock Box 2

Spring Forge, Pennsylvania

PETERSEN'S HOUDANS

 THE UNDEFEATED
 CHAMPION STRAIN
 OF AMERICA

Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

REV. C. E. PETERSEN Pres't Am. Houdan Club from 1900 to 1907 BRIDGTON, MAINE

BUFF WYANDOTTES

Stock and eggs for sale from my famous Grand Rapids winners January, 1910, R. C. and S. C. R. I. Red chicks. Write for mating list. E. A. Knapp, 451 Grandville Avenue, Grand Rapids, Michigan.

BARRED PLY. ROCKS

Chicago first prize winners. Buy your eggs from the yards that have produced Blue Ribbons the last 3 years at Chicago and other large shows. Send for circular. E. G. Simpson :: Naperville, Illinois

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting
Herman & Haag Massillon, Ohio

KNISLEY'S

ORPINGTONS

S. C. Buff, Black and White. Lead them all in prize winning strain. Stock for sale. Eggs for hatching, \$2, \$3, \$5 and \$10 per 15. Satisfaction guaranteed.

Pine Rose Poultry Yards, R. J. Knisley, Prop., York, Pa. Member National Single Comb Buff Orpington Club and Member Pennsylvania Live Stock Breeders Ass'n

Partridge, Buff, Black and White Cochins

Bearded silver, bearded golden, bearded white, buff laced and white crested, black polish. \$2 to \$5 each. Eggs, \$2 to \$5 per 15. Prize winners twenty-eight years.

Dr. H. F. BALLARD : CHENOA, ILLINOIS

SINGLE COMB WHITE LEGHORNS

150 acres devoted to the betterment of this breed. Hatching eggs, \$2 per 15; \$8 per 100; \$70 per 1000.

Wilson Farm :: Morristown, New Jersey

LEMBKE'S R. C. REDS

The world's best work and win strain. Bred for heavy egg production and prize winning qualities. Get our catalogue, the finest issued this season. After May 1, will turn all breeders on free range and sell eggs at \$5 per 15; \$8 per 30. Pleasant View Poultry Farm, Anna M. Lembke, Mgr. : Griswold, Iowa

PHILLIPS'**COLUMBIAN WYANDOTTES**

Cleveland winners. January, 1910, on three entries, first pen, first pullet and second cockerel. Eggs \$3 and \$5 setting.

Ira Phillips : Box 1, Oberlin, Ohio

WHITE AND BUFF ORPINGTONS**AND S. C. WHITE LEGHORNS**

Book your egg orders now from my grand exhibition matings. Winners at Ohio and Indiana State Fairs. A few choice cockerels for sale.

J. Frank Mahan, 924 Boone Street, Piqua, Ohio

MINEOLA STRAIN**Buff Wyandottes**

Won first pen, third and fourth pullets at Madison Square Garden. You can get eggs from these winners. \$5 per 15; others at \$3 per 15.

L. D. Howell, Mineola, New York

KOEHLINGER'S

COLUMBIAN WYANDOTTES

Won at Fort Wayne, Indiana; Huntington, Indiana, and Kendallville, Indiana

Eggs For Hatching

From five excellent pens containing my prize winners mated to produce prize winners for next winter's shows. Send for mating list. Satisfaction guaranteed. Eggs, \$5 and \$3 per fifteen.

Philip Koehlinger

1414 East Grant Avenue, Fort Wayne, Indiana

CUYAHOGA POULTRY YARDS

R. C. and S. C. Black Minorcas. Eggs \$3 per setting; two settings, \$5. My chickens are bred for beauty and standard weight and great egg laying qualities. If you wish to improve your flock, or raise some show specimens, let me hear from you. A few Rose Comb cockerels for sale.

W. W. Wilt, 503 Cuyahoga Street, Kent, Ohio

S. C. White Orpingtons

Winners New York, 1909; Cleveland, 1910. Send for mating list. Eggs half price after June 1st.

Harold L. Purvis : Box 31 : Butler, Pennsylvania

Buff and White Rocks

Winners wherever shown, including Madison Square Garden, St. Louis and Detroit, winning the blues in both varieties wherever shown; also 3 silver cups and 4 specials for shape and color. Have mated some GRAND PENS THAT WILL PRODUCE EXCELLENT SHOW BIRDS. Eggs, \$3.00 and \$5.00 per 15.

CADILAC POULTRY FARM, W. J. H. GOETZ, 1150 CADILAC AVE., DETROIT, MICH.

MAY AND JUNE ARE THE BEST MONTHS

in the year for hatching and growing chicks. Give them a clean piece of land and one where they can get shade when they require it. Eggs hatched during these months prove to be more fertile than in the earlier season and the chicks hatched are very vigorous. Permit these statements to induce you to write to the undersigned for MATING LIST and Special Mid-Season Prices on Eggs for Hatching from Charles G. Pape's strain of

Single Comb Black Minorcas

Prize winners wherever shown, famous for their BEAUTY, SIZE and GREAT LAYING QUALITIES. Am in a splendid position to furnish my customers with really fine quality in males and mated trios and pens for breeding purposes. Will spare any bird on our place not included in the published matings. Eggs and stock will be crated and packed with extreme care and will arrive safely regardless of shipping distance. Write your wants today.

Charles G. Pape, 1617 North Cass Street, Fort Wayne, Indiana

EGGS : EGGS**LAPHAM'S BUFF ROCKS**

"The Gold Medal Strain"

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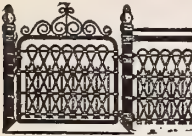
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My birds have always won at Cleveland, Lorain and Elyria in hot competi-
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All stock and eggs guaranteed.

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The prize winning and egg laying kind. At Boston, January 1910, they won 2d cock, 2d, 3d, 4th and 6th hen, 6th cockerel, 1st, 3d, 4th and 5th pullet, 1st pen, best cock and 4 hens, best cockerel and 4 pullets and 16 other specials. Let me quote you prices on this kind of stock. I have bred Golden for 14 years and you will get the benefit of this kind of breeding for they will breed right.

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Single Comb White Leghorns and White Plymouth Rocks are large, vigorous, pure white birds. If you want birds that are fine Winter layers as well as prize winners, let me have your order. Winners at Paterson, N. J., 1910. \$2 per 15; \$3.50 per 25; \$6 per 50; \$8 per 100.

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Established a Big Record by Winning Best Display at Chicago, Jan., 1907; Best Display at Chicago, Dec., 1908; Best Display at Chicago, Dec., 1909

You would be surprised to know that in addition to winning year after year, birds purchased from me or hatched from eggs I sold, have won at the best and largest shows in the country. I could mention show after show where my birds have won the BEST prizes, but I honestly believe this honor belongs to the purchaser. For the season of 1910 I have mated fifteen grand pens. Write for mating list which describes my pens and contains pictures of "LEADER," my first CHICAGO COCKEREL and other famous birds.

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May is the month. Do not fail to hatch some chicks this month for the late shows. Of course you want the best.

Riley's Eggs

are the ones that hatch the winners. Do not miss this last call for victory in the show room next winter.

Have you received my mating list?

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Eggs
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From my imported Standard Games and Game Bantams. \$5 per 15. Quality guaranteed. Eggs from my Ornamental Bantams, Golden and Silver Sebrights, White and Black Rose Combs, White, Black, Buff and Partridge Cochin Bantams, White, Black and Black Tail Japanese and Polish. \$3.00 per 15. Eggs from my prize winning strains of Rocks, Reds, Polish, Leghorns, Brahmans, Hamburgs, Orpingtons, S. C. Black Minorcas and my C. B. Pierce strain of line bred Partridge Cochins. \$3 per 15. All stock from my eggs guaranteed true to name and No. 1 quality. Book orders early. Stamp please. No circulars. R. J. Snyder, Judge, 1170 Cottage Grove Avenue, Grand Rapids, Michigan

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Having purchased his entire flock

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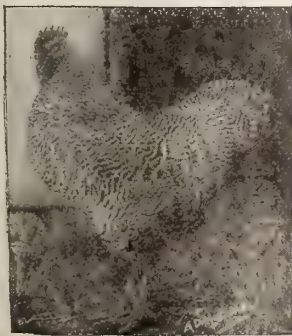
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I have "superior quality" in all these varieties, having won many prizes in these varieties for many years. At Pittsburg, 1910, in hot classes I won 14 prizes on 16 entries. Eggs from my prize winner Cornish Indians, \$5 and \$10; utility, \$3; Leghorns, Barred and Buff Rocks, Silver Wyandottes, Houdans, eggs, \$5 per 15; S. C. and R. C. Red eggs, \$3 and \$5. Send for catalogue, giving winnings, matings, etc.

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That Win. I won at Ohio State Meeting at Youngstown, O., Lester Tompkins judging; 1st and 3rd pen, cup on best pen of old stock, cup best pen young. Send for mating list.

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World wide winners. Fine lot of birds for sale; send for list. Eggs \$3 and \$5 per set.

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WHITE WYANDOTTES

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States.

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Nine firsts out of a possible fifteen at the three last Madison Square Garden, New York, shows, and at the late club national meeting at Madison Square Garden, January, 1910. I won more points than my four highest competitors all combined and that should be proof that I have the goods. Write and get my free catalogue. Eggs at half price after May 15th.

John W. Poley :: Box A :: Royersford, Pennsylvania**EDGEMONT POULTRY FARM.**

During this month we are going to allow a 25 per cent discount on eggs and a 20 per cent discount on chicks. We have hundreds of chicks on hand is the reason we are offering this liberal discount. 200 prizes won this year at the leading shows; this is why we claim to have the finest bunch of prize winners in the west. 30 pens mated up, some of them containing prize winners at Madison Square Garden. Our big reduction sale on stock starts June 1st. Send two red stamps for 30-page catalogue which gives a full description of Edgemont Farm. This is the most elaborate Minorca and Leghorn catalogue ever published.

Member of the Minorca and Leghorn Clubs
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W. O. Chase, Box B**HILLSBORO, ILLINOIS****EGGSHALFPRICE**

Have had remarkable success this season in my hatches, will have more eggs to dispose of than at first anticipated. Therefore, for the first time in three years, am offering eggs at half price from any of my grand matings, from May 10 to Aug. 1, 1910. Remember that the

Wolverine Strain White Plymouth Rocks

acknowledge no superiors. They are exhibition birds of the finest quality, and pedigreed trap nested layers. They are "money makers" in the show room or laying pen. Order at once and get an early shipment at the reduced prices. My handsome illustrated mating list for four cents to cover cost of mailing.

Lyman H. Hill, Station 1, Jackson, Michigan

AMERICAN POULTRY JOURNAL

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No. 5

RIGHT MANAGEMENT OF THE BREEDERS

A Few Rules for the Beginner—Care During the Moulting Period—Plenty of Fresh Air in the House One of the Main Requirements—Foods Most Conducive to Strong Fertility

Written for American Poultry Journal by Rev. C. E. Petersen, Bridgton, Maine

IT IS generally supposed that it is time enough to make preparations for breeding some time during the late winter months; but to the experienced breeder this is rather late, as he is busy all during the growing season to select the most promising birds and to give them the best of care, that when finally mated they may give him the very best results.

Young stock needs correct management, and from start to finish this ought to be accorded it. Chickens that start in life the victims of ailments caused by improper methods may be saved, but will never make the strong, robust breeders that must be had in these days of strain-breeding, where new blood is seldom or never introduced in the way that the past breeder of poultry understood this term "new blood."

We can only lay down a few rules to the beginner, but they are the experience of many years, and if followed will help the beginner to better success with his fowls, whatever breed he may have taken up.

All during the season of growth, feed only dry food, and give the chickens all the liberty it is possible to give them. Feed several times during the day, never enough of one kind of grain to tire their appetites, and give plenty of room in their coops, all of which should be well ventilated, wholesome and clean; and where it is possible to have the birds roost out of doors during the night without the fear of being molested, nothing better could be done to secure birds of a good strong constitution. We are now writing advice for the young stock that is growing during the summer.

Give the old fowls that are to be kept over for another season all the run of the place if it can be done; if not, give them plenty of green food and a large yard, clean quarters, plenty of fresh, cold water, and after the breeding season take away the male bird.

During the moult, give plenty of fat meat, or soft food with a little linseed oil mixed with it, and a spoonful of carbonate of iron to every dozen fowls, three times a week, and you will be surprised to notice how easily the birds will shed their feathers and what a splendid new plumage, glossy and beautiful, will be the result of this treatment.

During the fall and winter let the houses be so constructed that they will facilitate health, comfort and an opportunity to exercise, without which not much success can be expected.

In the fall we have about six inches of sand and gravel put all over the floors of our houses, and the fowls enjoy this very much and it is conducive to health and cleanliness.

On fine days we open all the windows from the top and let the birds out of doors, even though snow covers the ground—a fork or two of straw scattered over the snow. Clean chaff on the floors, clean out frequently, at least three times a week, and at the same time we attend to the dropping-boards, and we have no trouble with frosty or damp houses during the winter months.

Our houses are made with a pitch roof, single-boarded and shingled, with a good-sized window to let in light and sunshine; and here in our cold and rugged old state of Maine this seems to be all-sufficient, and with me has proven itself so by giving me a lot of healthy, happy, contented, winter-laying

fowls, and with the kind of a winter where the thermometer will run down as low as 30 degrees below zero, and where zero weather is the rule most every night, and not the exception.

Our roosting platform is curtained in front, and on very cold nights we lower this curtain. With this kind of housing, and without any direct ventilation, we have never had a single case of roup in our flock for twelve years. There is nothing that succeeds so well as success, and therefore we intend to keep on in the same old happy way and not bother ourselves with "improved" methods of ventilation.

The feeding problem is not so much of a problem as some try to make it. Good sound food of most any kind in a healthful variety will answer the purpose. We ought to avoid extremes of any kind if best results are to be obtained, and after having continued for any length of time a certain bill of fare it should not be changed for some other all of a sudden, as more than likely it would cause a considerable falling off in the egg-production. Where eggs for breeding purposes are to be produced, care should be taken to avoid anything like forcing. And for that reason the hot mash has no place in the bill of fare daily given to the birds selected for breeding. Forcing for eggs is the bane of the breeder, who, in so doing, may increase the daily output of his hens, but at the same time decrease its quality and fertility.

Strong fertility should be the main object to be attained in the eggs coming from the birds selected for breeders, and no man who has his best interest at heart will neglect this all-important feature, and particularly so if those eggs are sold for hatching purposes to others. Overmating is another thing constantly done so as to produce more eggs from a pen in which some winning bird is the sire.

Where such measures are resorted to so as to increase the income, both in eggs and money, to the breeder, failure only can be expected, as the eggs will not be very strongly impregnated, and, in consequence, hatch poorly. We have always maintained that no sire should reign over a breeding-yard of more than from five to eight females if strong fertility and strong chicks are wanted.

The grains we have found most conducive to strong fertility when used as a food are oats, wheat and corn. And the last we have always used sparingly, as sooner or later it will produce more fat than is necessary for a laying breeding hen to have on her. We have obtained excellent results by mixing two parts of oats, two parts of wheat, and one part of cracked corn. Added to this we have given meat in some form, scraps, ground bone, and this last is a fine food, but not absolutely necessary, and is often found stated by those interested. Green food of some kind should be given ad libitum. Cabbage, clover, apples, roots—in fact, any kind of green food is acceptable at this time of the year. Plenty of water with the chill taken off should be before them, and if a good supply of eggs is wanted, do not neglect this matter. It will have to be done several times a day during some of our cold winter days, and is more or less trouble, but it must be done—a hen will produce some eggs on most any kind of food, but she will not produce any on ice water.

Grit, charcoal, and a good dust bath—and there we have everything necessary for success in the breeding pen as far as the production of strong and livable chicks are concerned, for we of course take for granted that the eggs laid are for hatching purposes.

As to the amount of food to be used, that will depend on the breed and whether the hens are in full-lay or not. If pullets, go slow and watch out carefully so that if they are not laying you will not feed so as to fatten them, which is very easily done at this time. If the flock is laying first-class, give them

all they will eat by scratching for it, as it is almost impossible to overfeed a laying hen. All the rule we can lay down, however, is, use common sense in the matter of feeding as anywhere else, and success will crown your efforts.

What about stimulants? Well, we came near forgetting



First prize White Wyandotte cock, Toledo, Ohio. Bred and owned by George Burkdoll, West Unity, Ohio.

about this matter, for the simple reason that we never use them.

Some of our best writers on poultry culture deplore the old-fashion of "the peppercorn," and one of them (Mr. Lewis Wright) on the same page advises the use of "eggs and brandy administered through a delicate glass tube." Mrs. Arbuthnot's balance sheet, contained in her otherwise excellent little work, "The Henwife," shows £5 5s a year for ale and beer—which was probably not all drunk by the fowls. Mrs. Loudon's ideas in her management of little chicks is rather peculiar. She writes that "Bread-crumbs should be soaked either in wine to strengthen them or in milk to give them an appetite." The peppercorn was bad, the wine worse, the toast and ale little better; but the brandy, even through a



First prize S. C. Buff Leghorn pullet at Chicago, December, 1908. Bred and owned by H. Cregar & Sons, Forest Park, Ill.

delicate glass tube, was the worst or all. And if we scan the advertising pages in our poultry papers we find that matters are growing worse instead of better, as poultry patent medicines are every year growing more numerous and are as powerful for good as they are potent for evil.

Stimulants and so-called "poultry tonics" have no place in

any well-regulated poultry establishment, and certainly not as an accessory to the breeding yard.

A healthful, normal condition of the fowls, with some inducement to exercise their natural proclivities of scratching, is all the tonic we have found necessary. And where a healthful, normal condition is not to be found, a change of conditions is more likely to produce it than a dose of patent medicine.

Do not change the egg boxes or laying places from one place to another, as it retards the laying and more or less eggs will be dropped on the floor and induce egg-eating.

Watch out carefully if the male attends to his duties and leaves no female untouched, as sometimes a male will take a dislike to one of his consorts, and such a hen becomes, of course, useless as a breeder in that pen.

New females should not be introduced into the pen after it has been mated up for some time, as it is sure to cause fighting all around, and this may continue for several days, and is, of course, not conducive to egg-production, and I have known cases where severe injury was inflicted on the female which by the other inmates of the pen was considered an intruder.



Above picture is a good representation of the type of Black Orpingtons as bred on Cairngorm Farms, of which Mr. W. C. Boyle, of Cleveland, is owner. They have issued a fine mating list which gives also a record of prizes won.—L. Stahmer.

Some of these seemingly minor items should be taken into consideration where best results are of a desideratum.

On fine days, shovel off the snow outside the houses, scatter some straw, and let the birds out in the open. We did this whenever the weather would permit for a number of years, with excellent results, and are doing it still, and can see no reason to discontinue it, even though it may be truth that it will lessen the production of eggs, more or less. We are now talking about fowls for breeding, and not about fowls for increased egg-production.

I said "may be," for I do not believe that letting poultry out in the winter is detrimental to egg-production, as has been recently stated. Fresh air, and plenty of it, if not administered through cracks in the poultry house, is as much an essential to egg production as are food and shelter. A few hours in the middle of the day, say from 11 to 1 o'clock, will, even in zero weather, be beneficial, if the zero weather be beneficial, if the sun is out and shining, and shelter from strong winds provided. With all of it, mix a little discretion, and all will be well.

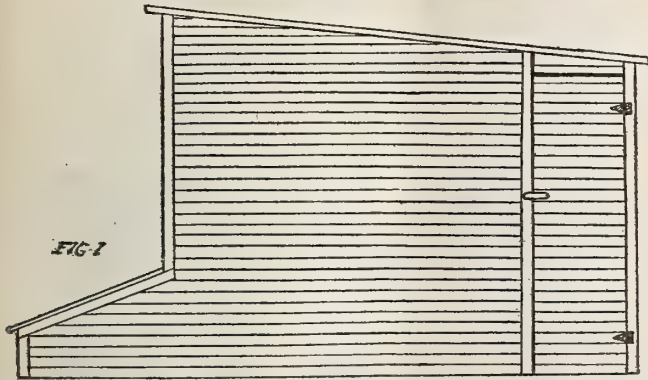
PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to Moody Gannaway, Mattoon, Ill., and the second prize to Esther Stratton, Houstonia, Mo.

A WELL-LIGHTED BROODER HOUSE, HAVING INDIVIDUAL HOVERS.

NOTHING is more essential in connection with a brooder house than plenty of light, unless it be fresh air. They go hand in hand. The brooder house I shall attempt to describe has no waste room; is built with no unnecessary and foolish expenditure of money; has light in abundance, and is so arranged as to permit of all ventilation necessary. It is equipped with hovers which are made to fit any house, and which play the part of the sensible old hen about the best of anything yet devised. These hovers may be



bought ready to attach, and the operation is easily performed. In the house herein planned the lamp rests in the hallway and the heat is carried to the hover through a short tube.

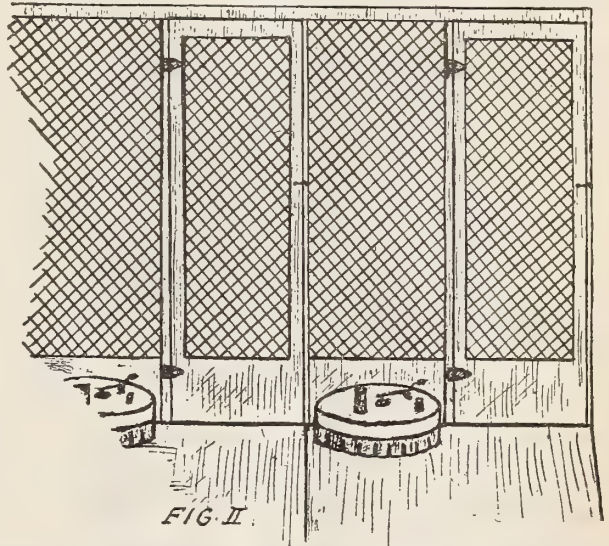
As shown in Fig. 1, this house is built of drop siding, the front, however being almost entirely glass—shown in Fig. 5. Window sash form the roof of the low front section, and Rubberhoid or some similar roofing covers the main section, the roof lying too flat for shingles. With such a roof there is no waste overhead space. The lowest part of the main building may be built just high enough to accommodate the proportions of the average man, unless the owner be above average height, in which case, in order to avoid unpleasant contact of the caput hominis with the roof, I would advise building it some higher. Then the highest point in the roof need be but slightly higher than this, giving it a minimum pitch. In this way less siding is required.

A hall extends through the building at the extreme rear, having an outside door at each end.

Fig. 2 illustrates the partition separating the hall and chick apartments, and at the same time makes plain the position of the hover in each pen. This partition has a 2-foot door opening into each pen at the left of same as you face to enter. The hover lies at the right of the door and directly behind it when opened inward. Wire netting constitutes almost the entire partition, extending to within a foot of the floor, where

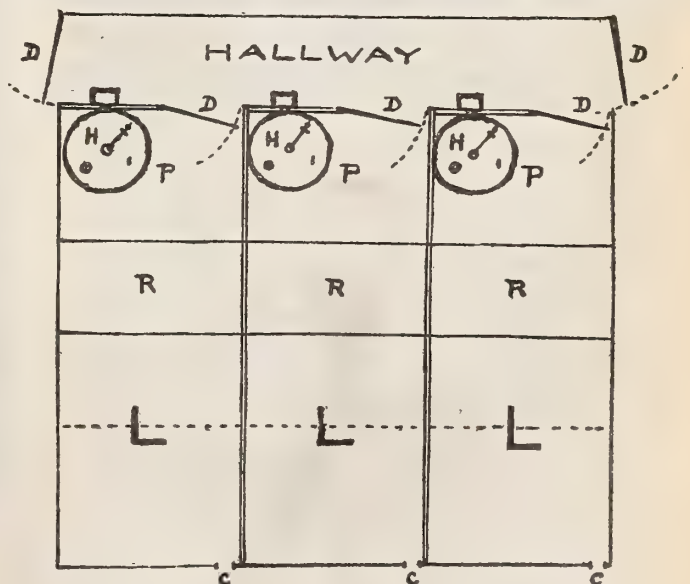
a 1-foot board limits the chicks to their quarters and prevents them from slipping through the meshes of the netting, which they would do if a 2-inch mesh were placed at the bottom, next to the floor.

Fig. 2 represents the entire width of one pen and a portion of another, a dividing partition lying directly between hover in one pen and the swinging side of the door in the next



adjoining. In Fig. 2 this partition is not shown, its position merely being indicated by a line about the center of the floor. (See double lines in Fig. 3.)

In Fig. 3 the hovers are represented by the letter H, and the doors, inside and outside, by D. The platform or elevated portion of the floor, P, upon which the hovers rest; R, the



runway sloping up to this elevation, and L, the lower level of the floor, which extends to the front, where chick exits, C, are provided, to be opened when chicks are old enough to run out into the adjoining yards. These are all shown in Fig. 3. The

dotted line extending across the figure represents the juncture of the low, glass-covered portion with the main house.

Fig. 4 is a cross-section. In it we see the netting partition with board at the bottom. The dark area below this board is a 6-inch space between the ground level floor and the hover platform and runway.

The height of the house is 6 feet in the rear, 7 feet at the highest point, 2 feet at highest point of glass section, and 1 foot at the lowest point, at the very front.

Fig. 5 is the front, with its formidable array of windows. The upright window sash are 3x4 feet and are hinged at the bottom, that they may be opened inwardly at the top for ventilation. One sash to each pen. The sloping sash are 3x8 feet, one sash to two pens, and are hinged at the upper edge, to permit of easy cleaning of this low section of the house. Wire netting tacked upon removable frames retains the chicks while the sash are raised as high as desired for airing the apartments in warm weather. These frames are placed beneath the sash so as not to interfere when the sash are down.

The dimensions of the hover platform are 3x4 feet; of the runway, 2x4 feet; of the lower level of the floor, 4x5 feet. The hallway is 2 feet wide, making the building 12 feet from front to rear. Each pen is 4 feet wide. The hovers are about

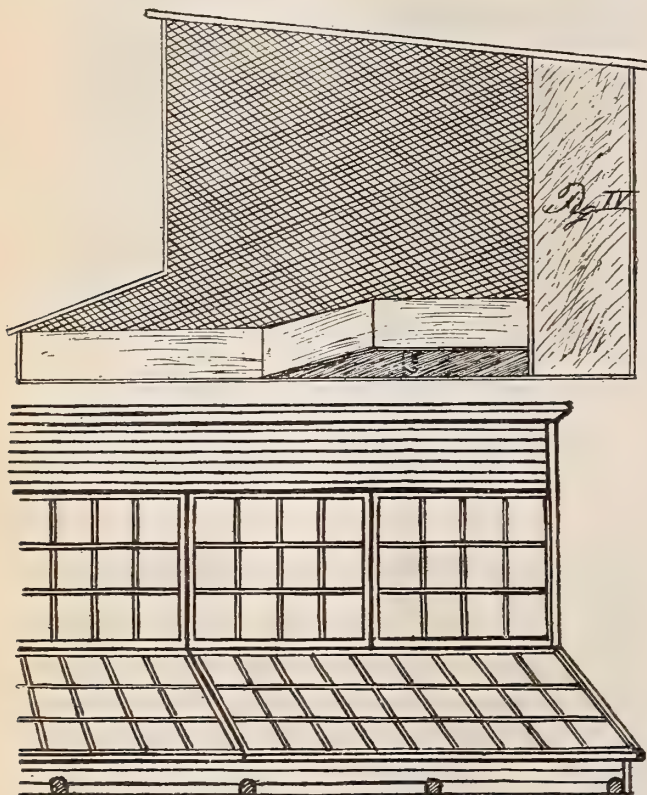


FIG. V

2 feet in diameter. Exits, C, are 4x4 inches, having hinged doors.

When chicks are too large for the hovers, roosts may be placed in the pens if desired. Moody Gannaway.

Mattoon, Ill.

HOW TO PREVENT GAPES.

THE losses of little chicks from gapes are a great drawback to the chicken business. What is more discouraging than to see your bright, lively little puffballs, which you have tended so carefully for their first week or two, begin that steady, regular upward stretching of the neck—gaping? And if by chance—and a great deal of work—you happen to cure a few, their vitality is so depleted that they can never grow up to be the chickens that they should have been.

But gapes can be prevented—99 per cent of it—cheaply, easily, even though the chicks have access to the worst gape-worm-infested ground! The secret is lime, or rather in the method of using lime. This is the way to do it, and if these directions are carefully followed, gapes need never bother you. Take a long, narrow box of heavy pasteboard about 12 inches deep, 3 inches wide and 2 inches thick. Some of the heavy paper cartons in which come large bottles of patent medicines

are of suitable shape and size. An empty Pratt's Poultry Regulator box, 25-cent size, is ideal. The box must be open at one end and tight everywhere else. Fill the box about one-third full of dry, well-slaked lime. When you go to fasten up the chicks for the night, take the lime-box with you, and, holding it at a slight angle, but not enough to make the lime run out, shake it gently, at the same time knocking it against



A noted S. C. White Leghorn winner. Bred and owned by Harmon Bradshaw, Lebanon, Ind.

something, till the air of the coop, or wherever the chicks are confined, is filled with the fine white lime-dust. Then shut them up closely to breathe the lime. The object is to get all the air of the chicks' quarters filled with lime and to confine this lime-filled air so they will have nothing else to breathe. Of course if the weather is hot one may go around after half an hour or so and give them a little ventilation. The treatment can be repeated in the morning, but at night is generally enough. But it must be done every night; as "Eternal vigilance is the price of liberty," it is also the price of freedom from gapes. Begin the treatment as soon as the chicks are settled in their regular quarters; at least by the time they are



Packing room and pigeon loft on Waterview Poultry Yards, Hempstead, L. I., N. Y.

three or four days old, or when they begin to go on the ground. It is not necessary to put any lime on the floor of the coops or anywhere else except in the box, from which it must come forth as a cloud of fine white dust. The shaking of the box is something of an art, but with a little practice one can soon learn to make a fine lime-dust without spilling

the lime. The treatment should of course be continued until the chickens are too old to have gapes.

We have followed this method for years, with unvarying success. Last year one of our neighbors who had in former years lost great numbers of chicks with gapes decided to try our plan, and had not a case of gapes until she was called away from home for a few days and the liming was neglected.

The only trouble with this treatment is its simplicity. To an experienced poultry-keeper who has tried many expensive and troublesome gape remedies, with poor success, it sounds too easy. It is "to the Greeks foolishness." And then they say, "Oh, I've tried lime; it's no good." But how have they tried it? By putting it on the ground and on the floors of the coops, not remembering that the seat of the gapes is the chick's windpipe; and in order to cause the lime to reach that windpipe, it must be in the air which the chickens breathe.

Houstonia, Mo.

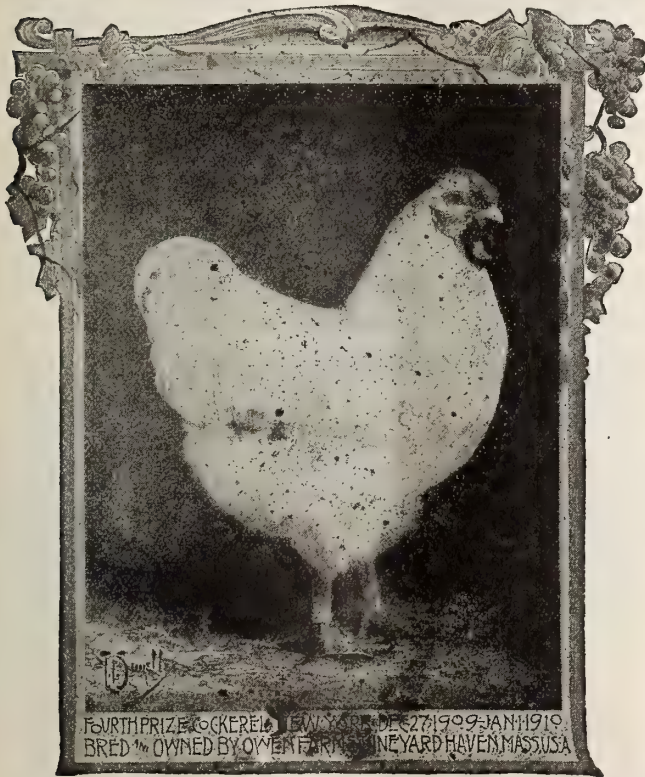
Esther Stratton.

POULTRY FOR PROFIT

IN our day, all subjects are looked upon from the standpoint of profit. He who starts in the poultry business, starts with an idea of the profit to be derived therefrom.

Convince him that there is no profit in the business, and he is sure to adopt something else. If it were not for the profit derived from growing poultry, there would be but very little raised.

There are some men who raise poultry for the love of the



birds. I know some men who would raise chickens if they knew they were doing it at a loss; but even though we love the birds, and love to see them around, we are apt to love them still more if they are paying us a good profit on their care and maintenance.

In order to make poultry raising profitable, there are a number of things to be looked at and which we should thoroughly understand.

First—Housing. No poultry can be profitable unless properly housed. The house should be light and airy, yet without draughts, and yet with a dark corner for nest room—hens prefer a shaded spot to lay in—free from dampness; warm enough for comfort in winter, yet cool enough for comfort in summer; plenty of roost room.

Hens in winter will require about six inches per hen on the roost, as they love to get close together that they may draw heat one from the other. In summer they will scatter in order that they may keep cool; so if you have fifty hens, it is advisable to give them roost room for seventy-five or eighty.

I am not going to give directions for building a house in this article, although I have had a wide experience in housing

poultry, but I am more on the subject of how to make poultry profitable, and housing is the first point to look at.

The second is how to avoid mortality in the chicks. The old-fashioned way used to be: Mix up some corn meal dough in



Harmon Bradshaw, Lebanon, Ind., and one of his celebrated S. C. White Leghorn winners.

cold water, dump it on the ground and leave the chicks to do the rest.

Experience has taught me that a dry feed for young chickens not only avoids that dread disease, bowel complaint, but starts



them along with a more rapid growth. I feed cracked rice. My chickens get nothing else after the first feed, which is bread and milk—bread merely moistened, not soaked—for ten days. Then I feed pin head oat meal mixed with the rice, wheat when they are big enough to eat it, an occasional feed

of barley which has been heated in the oven, and the sharp points of the hulls rubbed off.

Feed the young chicks five times a day, and divide the time evenly. I feed at six and nine in the morning, twelve o'clock noon, three and six P. M. Then I scatter a little light feed in the trough in case the chickens are up before I am. Cool water three times a day.

I take old crockery and pound it up fine, scatter it around my coops that they may have plenty of sharp, fine grit. No glass; it is dangerous.

Chicks prefer white grits, therefore you will find the crop and gizzard well supplied with white sand in chicks that are allowed to run at large.

Under this system of feeding, he who has never tried it will be surprised at the rapid growth.

This is one way to make poultry profitable; but one will say: My hens are weakly and breed weakly chickens. Now, how can I get over this? The most simple thing in the world. Discard all narrowhipped hens; discard all hens as breeders that lay a long egg. Pick for breeders, hens with broad hips,

ply of green food—no worms and bugs, no more animal food—the egg supply falls off.

Now, how shall we keep up the production of eggs to make it profitable? The answer is simple. An abundance of green and animal food. An onion fed once in a while to keep up



An unusually fine specimen of Ira C. Keller's Golden Wyandottes. Seldom will you find a better laced hen than the "Queen of Brookside," and winning first prize at the late Cleveland show was easy for her.—L. Stahmer.

rather coarse head—unless you are breeding for the show room—and hens that lay a medium sized, short, round egg. Don't pick your biggest eggs or your smallest. Best results come from the medium sized eggs.

I know an old man in this town who is now out of the business, who used to produce eggs as much alike as peas out of the same pod, as far as size and shape was concerned. They would vary only in color. I have known him to get from three to five cents a dozen over the regular market price, on account of uniformity of size and shape.

Now a word on egg production.

It seems to be a hard thing for the majority of people to get a fair production of eggs in the cold weather. Well, I wonder if they stop to think that in the winter time they must furnish some of the material that nature furnishes in the summer time. A handful of grain may be all right in the summer time, because nature furnishes green food and animal food, such as bugs, worms, grasshoppers, etc. Now, when the cold weather comes, and they are cut off from their sup-



A prize-winning R. C. R. I. Red cockerel. Bred and owned by R. B. Bretz, El Reno, Okla.

the warmth of the body, and when your wife empties the teapot be sure to secure the leaves in a clean, wholesome state. They are stimulating, and help as a substitute for green food.



First Barred Rock hen at Mendota, Ill. Bred and owned by Edward Brown, Mendota, Ill.

To the novice I would say: Follow these directions, simple as they are, and you will stand a good chance to make poultry raising fairly profitable.

Plymouth, Mass.

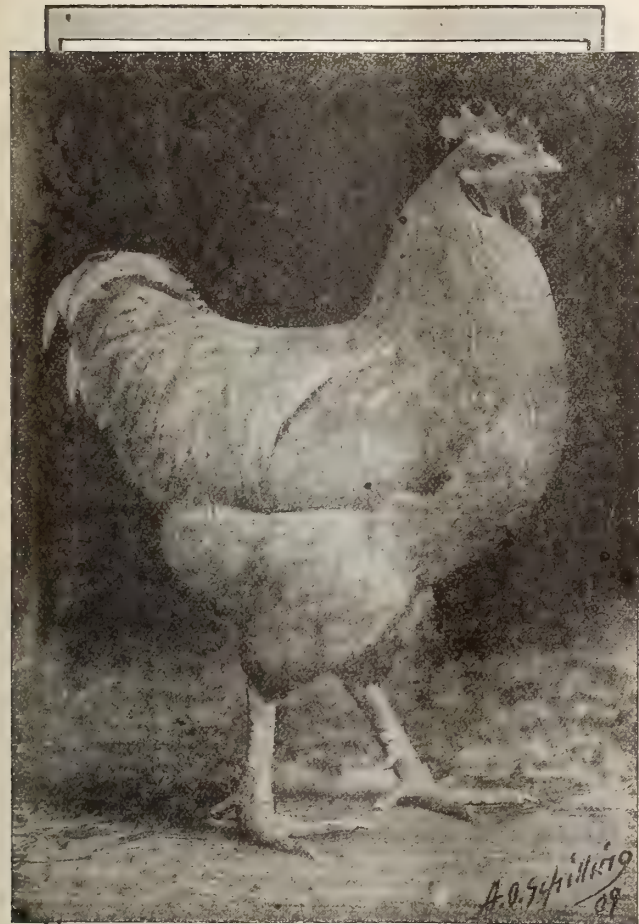
John L. Morrison.

TURKEY RAISING

Preparing Turkeys for Market—Feed and Free Range—Care of the Mother Turkey—Feeding the Young Poults—Preventive of "Blackhead"

Written for American Poultry Journal by J. C. Clipp, Saultillo, Indiana

TOO many turkey growers have the idea that just before Thanksgiving is ample time to begin preparing their turkeys for market; but from several years of careful breeding, with close observation, I have discovered that this practice was a mistake, provided we wanted our turkeys large for the Thanksgiving market; and no other market, I find, wishes as large turkeys as the Thanksgiving market, except the fancy exhibition trade. As Christmas requires less turkeys than Thanksgiving, we make a special effort to get what market turkeys we have to offer ready for the Thanksgiving trade, because, as a rule, it pays more than any other



E. L. DELVENTHAL WARRENTON MO.
OWNER AND BREEDER

INSURGENT.

Second Buff Rock cock at St. Louis, Mo., State Show, 1909.
Bred and owned by E. L. Delventhal, Warrenton, Mo.

market for large, fat, plump turkeys; yet it is not always the best market, as it will be remembered that only last season the Christmas market afforded a better price for all grades of turkeys than the Thanksgiving markets. However, it will pay to make special effort for the Thanksgiving market, and when the event arrives, if circumstances and existing conditions indicate for Christmas, we have the turkeys in prime condition to run over a few weeks longer for this promising advance in prices. You will find that instead of beginning to prepare the turkeys just before Thanksgiving, it will pay you to begin just as soon as they are hatched. Remember that the first two months of a turkey's life is the most critical time, and the feeding of these two first months greatly determines the condition of the turkey at market time. It matters not what market you expect to consign to, you must have your turkeys in first class condition in order for them to bring the

top price in the market. I don't wish to convey the idea that we must feed the poults heavy at this age in order for them to develop into prime specimens, but they must be fed intelligently and just in the proper amounts. Turkeys require but very little artificial foods if on range, and it is almost useless



First prize White Wyandotte pullet, St. Louis. Owned by F. Gage Cutler, Carthage, Ill. This was probably the largest and finest White Wyandotte pullet class shown in the United States this year.

to try to raise them otherwise than on liberal free range. I find that if we can tide the poults over the first two months of their existence, we feel assured of being able to market the majority of poults we hatch. It is not wisdom to feed the poults a heavy fattening ration from the time they are incu-



"OKLAHOMA"
Bred and Owned by R. B. BRETZ
EL RENO, OKLA.

A prize-winning R. C. R. I. Red hen. Bred and owned by R. B. Bretz, El Reno, Okla.

bated until they are marketed. If you attempt such practices even if it is dry, as lice multiply very fast on turkey poults up to the matured age. Feeding on heavy fattening foods does not agree with poults, for the reason that they are of a

wild nature and will not stand for excessive artificial feeding. All that is necessary in raising turkeys is to provide them unlimited range and keep them free from lice. If you give them up to the management of the mother turkey you will find they will free themselves largely of lice by dusting, if the



One of the winning White Wyandotte cockerels at the late Cleveland show. Bred and owned by the Co-operative Breeding & Hatching Co., Tiro, Ohio.

weather is dry; but if the spring is wet and damp, lice will soon overcome them and death will claim them as its own. It is not good management nor judgment to allow the poults to run at large without any attention whatever regarding the lice, even if it is dry, as lice multiply very fast on turkey poults



One of the breeders of F. S. Nicholson, Otisville, N. Y. A descendant of many generations of winners at such shows as Boston, Hagerstown, Troy and Johnstown.

and will possibly increase faster than nature will annihilate them with dust from mother earth. The feed is not so important as the care and management. If the poults have the

range and are mothered with a turkey mother, they will procure quite enough food from the fields, with but little artificial feeding. It is the overfeeding that kills turkeys, and not hunger. Poults must have some feed and special care during the first ten days of their existence, but after they can easily follow the mother hen they will require but very little feeding artificially. Wheat bread soaked in milk seasoned with pepper is about the best ration we can give young poults. As field and weed seeds are their natural grain food, I begin with feeding the prepared chick foods as early as possible; in fact, I feed it or place it before them about the third day, so that they will learn to pick at it and learn that it is good for them, and within a very short time I have them well on to a dry grain ration, which is much better for them than any wet soft foods ever given them. I am not much in favor of soft foods of any kind for poults of any age. Hence, I lose but few chicks or poults that are hatched the natural way, from bowel troubles. The very best thing we can give poults or chicks is a liberal amount of charcoal and broken-up wall plaster. Turkeys will eat readily of mortar or wall plaster,



which is exceptionally fine for them, as well as charcoal. The hotter the weather, the more charcoal or lime they should have. In the fall, when preparing for market, feeding freely on corn, charcoal and wall plaster broken up fine, is a great saving of grain and prevents bowel trouble or "blackhead." Nothing is more provoking or more disappointing than to hatch off a fine lot of poults and have them all die from overfeeding or killed by lice. Begin right at the very first feeding to get your poults properly matured and well fattened for the Thanksgiving market, and you will find your turkeys will be much plumper than they would otherwise.

THE BUYER VS. THE SELLER

IF we would listen to some people they would have us believe that all poultrymen are dishonest. This I am glad to say, is far from the truth. In fact I believe there are very few poultrymen that want to be deliberately dishonest. There are a few I will admit but they are scarce and I want to tell you right here that there are thousands of honest men and women in the poultry business—men and women that want to do what is right with their fellow men and be right with God. If we are right with God it will not be hard for us to be right with our neighbors and fellow men.

Show me a man that loves God with all his heart and I will show you a man that is doing all he can to make others happy and a man that loves his neighbors and friends and I might add his enemies. On the other hand show me a man that is continually fighting with his neighbors and I will show you a man that don't care whether he pleases God or not.

It is the same way in the poultry business. If a man wants to do what is right he will not be fighting with his customers all the time.

Many thousands, yes, millions of eggs for hatching, will be sold this month and next. Many buyers will be more than pleased with results and many will be very much disappointed. When a man gets beat it is most generally his own fault. This is not always true but very often is the case. Don't think that everyone you deal with is going to try and skin you. We know some people are always so afraid of getting beat and as a rule these are the very ones that do get beat.

I feel sorry for the man that thinks everyone is dishonest but himself. I would hate to have such a poor opinion of my friends and neighbors.

Now, when a buyer purchases a setting of eggs from a

letter. This is often done, but nothing ever gained by it. If you want a square deal yourself you should be willing to act square with others and the man or woman that writes an insulting letter is not doing what is square, by a long shot. If you have reason to complain and feel that you must do so just sit down and write the breeder a real nice letter telling



WHITE HOLLAND TURKEYS.

First and second hens, New York, 1909-10. Royal Farms, Little Silver, N. J.

him in a decent way that the hatch was a failure. If he is half square he will be glad to make good and willing to send you another setting at half price or probably send you good eggs for the infertile ones if you will return them to him. It is hardly fair to expect a breeder to send you another setting free unless he has some way of knowing that the eggs you got were infertile. You must remember that there are dishonest buyers occasionally as well as a black sheep among the breeders and it is hard for a breeder to tell who he is dealing with. Sometimes we get reports of poor hatches or "all eggs infertile" when they are hatching well at home. Such reports look rather dubious but, of course, when a breeder don't make good there is always a multitude to yell "dishonest," so the poor breeder has to either send more eggs when probably he is already behind on orders or else make good some other way.

There is not one breeder in a hundred that don't want



FIRST PRIZE GOLDEN WYANDOTTE COCK CLEVELAND 1909
BRED AND OWNED BY
IRA C. KELLER

PROSPECT O.

breeder he is very apt to expect too much. Sometimes I think customers expect eggs to hatch better when they have been shipped a hundred or perhaps a thousand miles than they would expect eggs to hatch that were not shipped at all. It seems to be human nature to expect too much but we should not be unreasonable in our demands. Don't expect the earth. If you raise a good pair of fowls from a setting of eggs you have your pair at a very reasonable price. If half of the eggs hatch after being shipped a long distance you have no room to kick. We have known nearly every egg to hatch after they were shipped a great distance and such cases are quite numerous. If, for any reason, you fail to get a fair hatch you should make sure that it is not your fault before you complain to the breeder. Very often breeders are "roasted" about poor hatches that is not their fault at all. If your hen does not set well, you must remember that this is no fault of the breeder's and you are not doing what is right by asking him to make good in such a case.

Don't get high-strung and write the breeder an insulting



BUFF PLYMOUTH ROCK.

First cock, St. Louis, Mo., Dec., 1909. Bred and owned by W. J. H. Goetz, 1150 Cadillac Ave., Detroit, Mich.

to please his customers and nearly all of them strive to do so. Now when you do get a good hatch it is your duty as an honest person to write the breeder of whom you bought your eggs and thank him for honesty in sending

you good eggs. Every breeder likes to receive such letters from his customers and when you are pleased "say so."

Now, Mr. Breeder, you should do your part as well as the buyer. You should never be satisfied to have a displeased customer. I don't care if you are in the right you



First prize S. C. Rhode Island Red cockerel at Huntington, Ind., January, 1910. Bred and owned by Longfield Poultry Farm, Bluffton, Ind.

had better lose money by it than to have one displeased customer. Always try and put yourself in the other fellow's place and see how you would feel if you were in his place.



BUFF PLYMOUTH ROCK.

First pullet at Detroit, 1909. Bred and owned by W. J. H. Goetz, 1150 Cadillac Ave., Detroit, Mich.

We remember once of a man that purchased a setting of eggs from us that had been very unfortunate in his past experience in buying eggs for hatching. I assured him I

would do what was square, so he sent me his order. I shipped the eggs and when he received them the express company had in some way jammed a hole in the basket. The eggs hatched him only one chick if I remember right, and of course he was disappointed. I offered him another setting at half price but he seemed to think this was only more bait, so I sent him a setting free, from which he got a good hatch and today he is one of the best customers I have. It pays to go a little more than half way. We have often lost money just in order to please a customer and in the end I feel I done right. What would you have done brother? Would you let him be displeased? It never pays.

Remember a satisfied customer is your best advertisement. You can't afford to have enemies. They will do you harm but a satisfied customer will do you good. It often pays to put in one or two extra eggs and I find a customer is very grateful for such little acts.

Now, in conclusion, I want to say to both buyer and



GOLDEN ROD.

First Buff Rock pullet, Kansas City, 1909. Bred and owned by E. L. Delventhal, Warrenton, Mo.

seller be reasonable. Use good judgment. Don't complain unless you have good reasons. Do your part and try and make it pleasant for the other fellow and I assure you it will be easy for you to get a square deal and get a good profit from eggs bought for hatching.

Mercer, Pa.

Plummer McCullough.

WHITE DIARRHOEA

WHITE diarrhoea has swept away more young chicks than any other one disease, at least in this section of the country. Every season, especially late in the season, they die by the thousands. After it once gets headway there seems to be no remedy, but there is a preventive.

A neighbor of mine was making a success of poultry and was gaining considerable ways up on the ladder called poultry fame when white diarrhoea struck the plant and the ladder collapsed. His young stock died by the hundred until he had lost more than 80 per cent of his chicks.

My own stock was attacked and I lost more than my neighbor, almost my entire hatch of over 500 chicks. What did survive were weaklings. We laid the cause on the incubators,

brooders, feed, parent stock and goodness only knows what else. Generally the incubators get credit for the trouble, very often the brooders, too many in one compartment, wrong kind of feed, too much water, all sorts of causes. Some or all may cause bowel complaint, but not white diarrhoea—it is a germ that causes it and is strictly a germ disease.

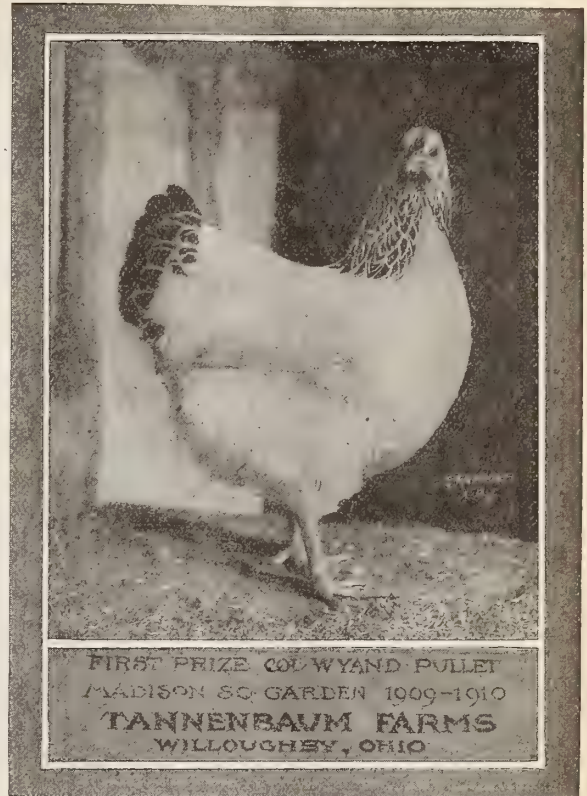
Following is an experiment which I conducted last season in order to find out more about the disease. On April 15th I had a hatch come off of 102 chicks (S. S. Hamburgs), which were placed in a brooder; brooder was in a house, No. 1, 16x30 feet, dirt floor. Chickens were fed for first week on hard-boiled eggs with grit, after first week eggs were discontinued and corn bread, wheat, cracked corn, and a small per cent of beef scraps formed their ration until three months old, with plenty of fresh water and grit. Of course, of these 990 were raised to maturity with no signs of any bowel trouble. I had another hatch come off April 20th of 107 chicks which were placed in same sized brooder as ones above mentioned. Brooder was placed in a house, No. 2, 12x20 feet with dirt floor, but had been used the season before in raising young stock in, were fed practically the same amount of the same kind of food. At about 10 days of age they began to show trouble and at the end of one month 13 of the 107 survived, and of these three were raised to maturity. On May 3d I

This convinced me. Later in the season I cleaned out house No. 2 and put in fresh dirt (clay) and overhauled things generally and had good luck with a July hatch.

The coming season I shall thoroughly clean up all brooder



placed in an incubator 127 eggs and on same date set five hens on 75 eggs. May 22d incubator had completed a hatch of 98 chicks, fine, strong fellows. May 23d the five hens proved to have hatched 61. Two of the hens were placed in the house No. 2, 12x20, where the mortality visited the former incubator chicks, with 32 chicks of their own hatch and 8 of the incubator chicks, while house No. 1, 30x16 feet, was given charge of the 29 remaining chicks hatched by the hens and 61 of the incubator chicks placed in same brooder as hatch of April 15. The remaining 29 incubator chicks were given to two hens which were placed in new coops away from where there had been any chickens of any kind for four years. Well, I had them pretty well mixed up, they were all fed on a prepared chick food and oat flakes with water and grit fed in proportion, so each flock would get same amount of food. Of the 40 placed in house No. 2, 12x20 feet, 5 reached maturity. The white diarrhoea came in due time and left the small remnant. House No. 1, with 90, came out at 12 weeks with 78 and the hens that were removed to new places raised 28. Would have raised all, but hawk took one.



houses and runs and see if the disease cannot be stamped out on my place. I cannot see any difference in the incubator hatched and the hen incubated chicks while growing or after



First White Wyandotte pullet at Youngstown, Ohio, 1910. Bred and owned by F. D. Sutton, Youngstown, Ohio.

maturity. Some think filth causes white diarrhoea, but I have seen chicks thrive in all sorts of coops and almost all sorts of feed.

H. H. Swit.

Sink Grove, W. Va.

POULTRY ON A CITY LOT

PROFIT as well as pleasure; care of incubators and brooding the chicks.

Poultry on a city lot may be a source of profit as well as pleasure. The idea that chickens will not thrive unless they have a large amount of ground to roam over is wrong, as there are hundreds of back yard poultrymen who have



First prize R. C. Rhode Island Red cockerel at Ft. Wayne, Ind., January, 1910. Bred and owned by Longfield Poultry Farm, Bluffton, Ind.

won, and are still winning the blue ribbon in our principal shows, and have heavy laying, and as healthy stock as that raised on a farm. No doubt there are lots of people who have made a failure in poultry on a city lot, the cause though is lack of care, filthy yards and houses. As the healthiest of poultry will not thrive in filthy, diseased breeding yards and houses.

Poultry to be profitable on a city lot should have a clean, dry house of sufficient size to accommodate the flock; one of a southern exposure is preferred, with a window that should be on hinges, and the upper half of the glass removed and replaced with muslin or burlap, so as to provide plenty of fresh air, as this is a very important factor in keeping poultry healthy. Then the roost should be made about three feet from the floor, and a dropping board about ten inches below the roost. It is best to make it so it can be removed for cleaning and airing. The nests can be put under the dropping board so as to be darkened, and should have fresh, clean straw every few weeks. This can be made out of orange boxes or soap boxes which can be obtained at any grocery.

Feeding is another important part.

Feed nothing but sound, clean grains, and fresh table scraps. A mixture of oats, cracked corn and wheat make a good morning feed with some green food at noon, and at night another feed of grain about twice a week. A mash composed of table scraps, clover, bran and beef scraps can take the place of a feeding of grain. Then there should be a plentiful supply of fresh, pure water, also grit, charcoal and oyster shell.

Keep your yards clean by scraping and sweeping them every week.

Next comes the most interesting part of the poultry business; the hatching of the chicks.

In saving eggs for hatching, whether for incubators or hens, care should be taken to select only eggs of even size without rings or spotted shells. They should be kept in a box or basket at a temperature of about 50 degrees. In setting a hen a quiet, darkened place is best. Give her a nice, roomy nest with plenty of straw, and have food and water before

her at all times. Thoroughly dust the hen two or three times during the hatching, and just before giving her the chicks, with a good grade of insect powder.

Now as to incubators. I believe that one of the greatest causes of poor hatches is due to the rough handling of eggs during incubation. Great care should be taken in turning and testing the eggs, as it does not take much jarring when the eggs are at a heat of 103 degrees to ruin them, and the continuous tampering with the regulator will cause a great variation of heat, and I have found this to be a great fault with a great many beginners. Regulate your machine before putting in the eggs and if the temperature goes too high turn the light down a little. Eggs should be as fresh as possible and clean. I would advise putting a piece of open mesh, cotton flannel or muslin in the bottom of the egg tray, scalding the cloth out every third or fourth day. At turning time this also helps supply moisture and the results will be a better hatch. Do not crowd the eggs in the tray but put in what it will hold comfortably. At hatching time it is best to darken the machine by hanging cloth over the glass door. Keep the machine closed and do not open it while the chicks are hatching unless it becomes crowded. When the chicks are all hatched they should be removed from the incubator to the brooder, which should have been heated to 95 degrees under the hover, where they should remain until about 48 hours after hatching. Then they will be hungry and steady on their legs.

Their first feed should be grit and charcoal, with a small amount of bread crumbs slightly moistened with milk. This should be given them for the first two days; then a good chick feed will take its place. When they are about a week old give them some sand and clover or chaff to scratch in. Learn them to exercise and scratch for their feed. After ten days some beef scraps should be given them. Care should be taken not to feed too much at first. Green food should be given after a week. Tender leaves of lettuce or lawn clippings are easily obtained and properly fill the bill. Give plenty of sunshine and fresh air, keep the brooder clean, give clean, pure water with the chill taken off.

Do not handle and pamper the chicks as this will make them tender. It is best to kill all runt or cripple chicks, as they are a menace to the others, as they will cause crowding, which will surely cause the death of a great many of the chicks.

Care should be taken not to over-heat or chill the chicks, and the temperature should be gradually reduced each week. After they are six to eight weeks old no heat is required in the spring months. They should have larger grain, plenty of



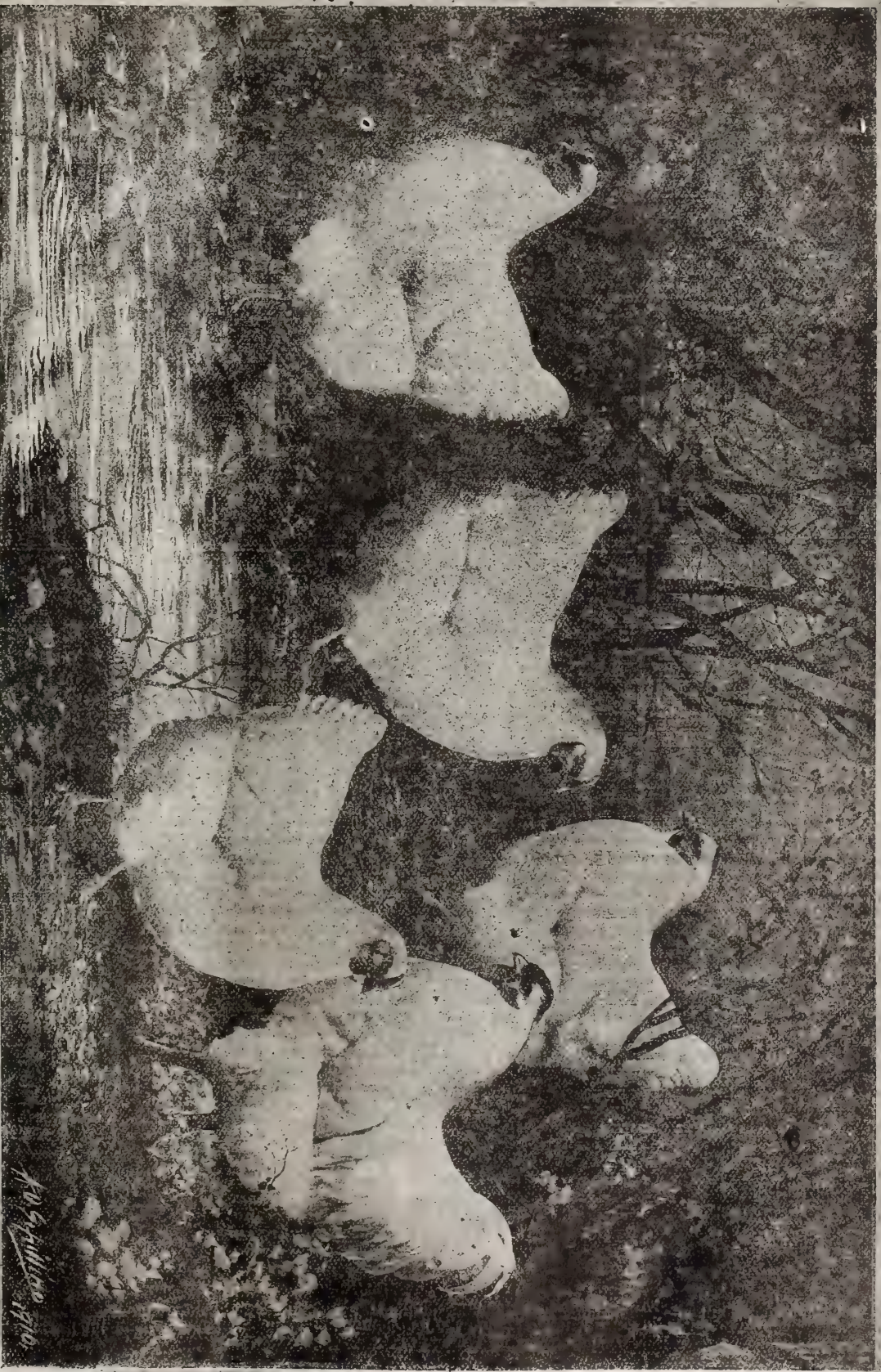
PRINCE.

First prize S. C. Black Minorca cock at Youngstown, O., 1910. Bred and owned by H. J. Shann, Painesville, Ohio.

beef scrap and green food, also a dry mash mixture can be kept before them consisting of bran, ground oats, alfalfa meal, corn meal, and a small amount of linseed meal.

Louisville, Ky.

Thomas S. Allison.



FIRST PRIZE PEN WHITE WYANDOTTES BOSTON SHOW 1910 BREED AND OWNED BY OWEN FARMS VINEYARD HAVEN MASSACHUSETTS

W. S. Phillips
1910

RED CHICKEN MITES

ONE of the worst external parasites of poultry, against which the poultryman and the farmer have to contend, is the common chicken mite. There are other species of mites which attack poultry, but do less damage. This blood-thirsty pest causes great loss to the poultry industry of this country by killing adult fowls and chicks as well as cutting down the egg supply.

Hens which are attacked by mites cease to lay, become poor in flesh, the feathers roughen and fall out. The head becomes pale and the bird presents a sickly appearance. These symptoms are caused by the irritation and loss of blood due to the nightly visits of these greedy parasites. It seems scarcely possible to believe that such small pests could kill full grown fowls, but they come in such large numbers that their total capacity for blood is enormous. Their ravages on the setting hen are most pernicious, they having access to the hen at all times, causing a very rapid loss of blood. Attacks upon the setting hens often result in the hen leaving her nest or in her death. In either case the hatch is spoiled. When a hen does withstand the attack of these mites, the newly hatched chicks are attacked as soon as they emerge from the shell and are often killed in a few days. The mite problem is the greatest the poultry raiser, who hatches with hens, has to contend.

Description and Habits.

The full grown mite is about one-twentieth of an inch long and is somewhat flattened in shape and can be plainly seen with the naked eye. After feeding they are somewhat reddish in color. They have six to eight legs, depending upon their age. Unlike the louse, the mite does not live on the bird at all times, except in extreme cases. It generally attacks the fowls when on the roosts or on the nests. Therefore, an examination of the birds will not always discover the pests. Their presence can be discovered generally by carefully examining the under part of the roosts or nests. It requires a very careful examination to discover mite patches when there are but few mites present, as they are hidden away from the light, but in cases where they have been allowed to multiply freely the patches increase in size and spread over the exposed surface of the walls, roosts and nests.

Remedies.

The best remedies for mites are cleanliness, sunlight and spraying with a good disinfecting solution. The poultry-house should be equipped with all movable furniture. The roosts, nests and every other appliance in the house should be made in such a way that it could be easily taken out and the house given a complete cleaning and disinfecting, reaching every crack and crevice. The solution most commonly used and as nearly effective as any is a three part kerosene and one part crude carbolic acid solution, or most any of the coal tar prepared solutions. Any of these solutions can be applied most effectively by a sprayer, as it penetrates every crevice better than when applied with a brush and unless you disinfect the place thoroughly you might as well make up your mind to abandon the chicken business and raise mites. Do not let once be all you do, but in several days after the first disinfecting go after it again, as there will be a new supply which has been hatched from the eggs that had been laid before your former cleaning. Your cleaning should be done every few days for quite a long while, as it is an endless task to exterminate these mites. In setting a hen, whether you have lice or mites or any other pests, it is well to clean the nest thoroughly and in the crevices of the box pour a small amount of crude carbolic acid; then fix the nest as you usually do and the last thing before putting the hen in, dust her well with some reliable insect or lice powder. Have for your motto, "Watchfulness, cleanliness and plenty of sunshine."

Chambersburg, Pa.

E. H. Keefer.

BROODING THE CHICKS

THIS article is not intended to help the large poultry raisers who have hot water systems in their brooder houses, but is intended to help the small fry who raise their chicks in individual brooders.

The outdoor brooder never appealed to me very strong for raising early chicks, because during stormy weather the chicks must be kept penned up, which goes against their health and development. My ideal is a small colony house 4x8 feet, which will hold an indoor brooder, for 100 chickens. In case of stormy weather the chicks have the run of the house, and scratch in the litter for their food and exercise. The brooder

is divided, having fifty in a flock. When the brooder is no longer necessary for the chicks it is removed, and the chicks have the house until removed to winter quarters.

More chicks die from being confined too close in the brooder than any other cause. Have a warm hover, but have a cool exercising room where the chicks can get around and scratch. Get the chicks on the ground when three days old, or before; there is something about being on the soil that invigorates them.

The feeding question is an unsettled one, but I size up the different methods this way: It matters not what you feed, if the brooders are kept at the right temperature, the chicks have exercise, grit, and are not overfed. We have fed with good results, bread soaked in milk and squeezed dry, cracker crumbs, rolled oats, steel cut oats, and commercial chick feed, but the other conditions must be right or no feed will save the chicks.

If the outside temperature will permit, lower the brooder temperature a degree a day, harden the chicks to the cold, rather than to pamper them with too much heat. Do not feed newly hatched chicks for 48 hours, but keep them warm and give them fresh, pure air to breathe. Select a brooder that is close to nature. The chick's body is under the hen, but its head is out in the pure air. This is the plan your brooder should be built on, a warm hover but fresh air to breathe. You cannot expect to raise strong, healthy chicks if they are compelled to breathe hot, lamp-fumed air! it would soon weaken an adult person, let alone a newly hatched chicken. Look well before you purchase a brooder and do not buy a poor one to save a few dollars. A good brooder will last for years and is a profitable investment. Many chicks are lost each year because people try to economize on brooders. Manufacturers are to blame for this, as they over-rate their brooders. Chicks will grow faster if in small flocks. We never put over fifty in a bunch. A brooder that will be large enough for 100 newly hatched chicks will be crowded in two weeks. Here is where the loss comes on many brooding systems. The weak chicks go to the heater first; later the strong ones come and pack the weak ones close to the heater, where they stay all night. In the morning there are a few dead ones to throw out. A few nights like this, and our flock is diminished considerable; with a big chunk of profit gone in the same direction.

Overfeeding is another bane which takes many chicks in their early childhood. Because a chick will stand and eat all it can hold is no reason why they should be fed that way.

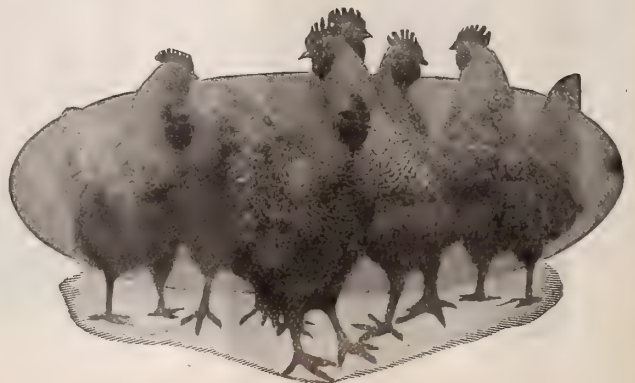
Make the chicks scratch for their food by scattering it in chaff; feed a little at a time and at least four times a day for first week. Have regular hours for feeding, so the chicks will not expect food every time you approach them.

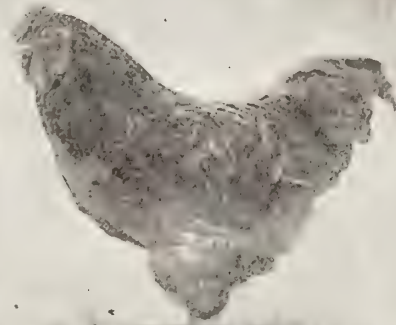
Some form of green food should be supplied. Lettuce is probably the best early feed. Get the chicks on grass as soon as the weather will permit. This is nature's green food.

To keep our chicks healthy we must clean out the brooders at least twice a week, clean out chaff and all and replace with new. Hoppers containing charcoal and chick grit are kept in the colony houses from the start. It is surprising how much of these they will consume, and are necessary to the best development of the chicks. After the first week commence to feed animal food of some sort. To prove to your own satisfaction that it pays to feed it, feed to one flock and give another flock the same rations minus the animal food, and in three weeks you will be surprised at the difference. If we would raise the biggest per cent of the chicks we hatch, we must have the right kind of brooders. Keep the temperature right, make the chicks exercise, do not overfeed and keep the brooders clean.

Schoolcraft, Mich.

R. E. Smith.





BRED & OWNED BY CORNISH - ANN ARBOR MICH.

Conqueror, Chicago King II, Prince Imperial, Conqueror II, Prince Niger, Young Chieftain. Type of Rose Comb Rhode Island Red males that head Mr. Cornish's pens for 1910. Note the long backs and low tails.

EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for May, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, Secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the May, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 21st day of April, 1910.
[S. a.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss of any fraudulent misrepresentation in any advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Our June Issue

Owing to the increased interest being taken in the Rhode Island Reds and the numerous requests on us from our subscribers for more detailed information about this variety, we are going to devote a considerable amount of space in our next issue to the Rhode Island Reds, and will give some very interesting reading matter from the pens of foremost breeders of this variety in this country. All of which, we trust, will be of great benefit, both to the variety and to our readers.

Delegates From Branch Associations

We have said it a thousand times, and say it again. The A. P. A. is going to get itself down on a delegate basis some of these fine days, and then each state will be a branch and pay its delegates' expenses in attending the annual meeting as well as caring for all the matters which come up in its section. Robinson rings the bell another shot in what he says about the annual meeting and the general representativeness of it. This in the April Farm Poultry. Read it:

A man pays \$10 for life membership in the association. This gives him for life all privileges of membership in the association without further expense—except the expense incidental to availing himself of the privileges of membership. The only privilege of membership he can exercise without considerable expense is the privilege of voting for general officers by mail ballot. That and the privilege of taking part in meetings are all the privileges pertaining to membership—except, of course, the possible privilege of holding office.

The average expenses of those who attend meetings of the association cannot be much less than \$25 per meeting, even with a majority of those in attendance coming from places near the place of meeting. Probably very few members ever attend a meeting of the association when the cost of attending such meeting

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AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

Advertising rates are sent upon request.

does not exceed the amount of the life membership fee. Those who come from a distance pay much more for the privilege. Kansas and Oklahoma members attending the meetings at Niagara must have spent \$75 to \$100 each for their privilege. That's about what it will cost the New England members who go to St. Louis.

Very few members, as individuals, can afford to pay for the privilege of taking part in meetings of the association, particularly if to the expense must be added loss of time or salary. That is how and why it happens that so large a proportion of those attending the meetings are representatives of the press and—in general—people who have some special business at the meeting for which their expenses are paid, or on account of which they feel justified in paying the expense out of their own pockets. Will anyone maintain that this is a healthy condition of affairs?

What the association needs most at this time is to make membership of more value to the individual member. If it cannot do so under the constitution as it stands, the constitution should be made to conform with the need.

The association should not only undertake more for its members, but it should be so constituted that members will have greater privileges within the association. The only practicable way of bringing this about is by developing the branch organizations. The branches have to be something more than mere recruiting stations for the general association. It is in the branch that the individual member must exercise most of his privileges, and through it that he must get most if not all of the direct benefits of membership in the association.

Keep Plugging

It requires that any man or woman who enters the poultry business be more or less of a plugger. That quality of staying by a thing till it is a success is the one dominant note in the personality of the successful poultry breeder. If

things do not come your way at the first throw of the tricks that you may have up your sleeve, an eternal sticking to the game will bring them. Perhaps it is the egg trade that you are fixed to care for but which it seems does not come. It may be that you do not make headway in getting out the number of chicks which you will need for the trade the coming fall. Nothing but a constant keeping at the hatching end of the work will bring you returns. Early hatches may not be all that you would like and if this is so you cannot do better than to prolong the hatching season a few weeks and push the chicks harder than ever when they are at the forcing stage.

In the case of working for trade which does not materialize one must use his gray matter and look about for the weak points in his attack. The business is to be had if we get in after it right. One of the cardinal points that gets business, if followed, is the right kind of follow-up matter. We do not know of a thing in the whole scheme of getting business among American fanciers and breeders that needs more attention than the matter we use in keeping after the inquiry once that it asks for prices and lets us know that it is in the market.

Good printed matter does more to get orders than all else. We know this because we have seen so many breeders make a success of the business who were very particular about what they sent out in this line. Whether we get our share of the trade or not all depends upon the efforts that we put into going out after it. Not long since we learned of a breeder who thought that because he once made a fizzle of hatching with an incubator he could never make such a task succeed. He built up a nice trade. He could have more business, but by hen-power he could not rear the number of chicks to meet it. He was turning away business because he had no stock to offer. But during the night, as he wondered how to care for the trade he was losing, he determined to try it again and make a success of it if there was that much stick-to-it in his mental equipment. He

installed two incubators and began to learn the art of incubation all over again and tried his skill with cheaper grades of eggs till he had some confidence in himself. Today he is making a go of it and getting the trade that once was getting away. He prefers incubators to hens now and is doing well with both. What he thought was a great deal of work and worry has come to be nothing more than a part of the daily routine. Coupling some common hen-sense to the incubators, which were standard in make, and needed but a few brains to operate them, he is making a nice thing out of what he once thought he could never succeed at.

Science Hard Hit

The following we take from "Gleanings in Bee Culture." It is a rich item and we appreciate it owing to the fact that we were somewhat taken in with the instrument when it came out in England some time ago and told successfully the sex of the animals or eggs placed under it:

At the recent poultry show at Madison Square Garden, New York City, among the novelties there was a "sure thing" egg tester, the invention of W. Gunnerson, of No. 20 Garden street, New Rochelle, N. Y. The inventor claimed that his device would not only tell an unfertile egg from a fertile one, but would also determine the sex. The device was a small pendulum which was held over the egg to be tested. If it swung around in a circle it indicated a cockerel; if back and forth in a straight line, a pullet; and if it remained stationary, an unfertile egg. I devised a plan to test the machine; and, accompanied by Frank Rodgers, of Farm and Poultry Magazine, brought an egg for Mr. G. to test. The device was placed over the egg and commenced to whirl around in a circle. Mr. G. pronounced it a very fertile egg, and, if placed in an

incubator for twenty-one days, it would hatch out a cockerel, and he would bet \$100 on it. I then took the egg, and, in the presence of about fifty people, broke the shell and stated that it was a hard-boiled egg, and showed it to the spectators. Mr. G. said he did not care—there was life in it, anyway. The joke of the boiled egg spread all over the Garden, and next morning Mr. G. was kept busy testing eggs which, on breaking, all proved to be boiled, and the management then took a hand in the game and ousted Mr. Gunnerson from the Garden.

Do It Yourself

We all acknowledge that the fancy is growing here in America. That this is true in fact, we have but to point out that while adherents of other breeds do not dwindle, the newer ones still gain ground. For instance look at the Partridge Plymouth Rocks. They are growing in popularity daily and in the near future we shall see some very fine classes at the shows. They are meritorious birds and will appeal to many who like a good looking bird, with a richness of color that still attaches to the name Plymouth Rock. We saw something in print a while back about the Partridge forcing ahead of their sisters, the Silver Penciled variety, and those who are on the firing line know that what the Silvers need is a Noftzger behind them. The future of the Partridge Rocks will be largely built on the excellent foundation that Mr. Noftzger has provided for them.

We must have more varieties in the American fancy if we are to keep up the interest of the fancy. We see the Cuckoo Orpingtons and Wyandottes of the same color coming. They are going forward abroad and will go ahead here if they have the right men behind them. It makes no difference what sort of a breed you might pick upon to develop and push, if you went at it like a Keller-

strass or a Noftzger or a Bright or any of the hundred and more well known men who have made money in the business as well as having put some money and a lot of brains in it, you would do as well. There is no doubt about it. In the poultry game the opportunities are lying about thick and deep. They abound in all sections. Carry the message and you will find it worth the while.

The Timely Kicker

'Twas Shakespeare, dear Shakespeare, who said that we would ever have the kicker with us. He knew that kickers even existed in his day for did they not kick on his plays and has it not remained for the play-goers of today to appreciate him thoroughly? Perhaps he used to listen to some of the gossip of the kickers who foregathered at the ale houses and the coffee tables in the quaint little "pubs." of long ago while they were reviling John Doe and Richard Roe for sending them quitters or else eggs from dunghills. It has been said that this Shakespeare wrote on every topic under the sun. We have not as yet come upon anything he wrote about the ancient methods of satisfying kickers who have bought fowls and eggs.

There are so many brands of kickers and they come in such assortments that we would not dare classify them or even attempt it. The one most in evidence right now is the fellow who placed his order late and expects the poultryman or breeder to ship his eggs for hatching the same day that the order was received. This is the season of big business. It has come and the breeders are all busy filling orders and currying favors with the hens so they will shell out more eggs. Let us all be patient till we have been served. If you have to wait a couple or three weeks to get the eggs you have ordered, then thank goodness that you have at last received them. Put

YOUNG'S STRAIN S. C. WHITE LEGHORNS

I HAVE NO OTHER BREEDS

Another great victory at Madison Square Garden, New York

Again winning for the eleventh time more prizes than all of my competitors combined

After having 119 of my best young birds stolen, my winnings were as follows: Cocks—1st, 2nd, 4th, 5th. Hens—1st, 5th. Cockerels—1st, 2nd, 3rd, 4th, 6th. Pullets—4th. Pen—2nd. Special for best display, special for best male, special for best color male, special for best shaped male, special for best female, special for best head female, special for best shaped female. Spratt's Gold Special for best Leghorn cockerel, any variety, hatched 1909. State Cup for best display. Elm Trophy for best male. Silver Medal for best male. Bronze Medal for best female.

You cannot win without my strain. It is the greatest laying strain on earth. Why fool away your money purchasing eggs and stock elsewhere, when you can buy from a strain that has been line bred, trap nested and established for 35 years, for the same money or less?



The following are the male birds that are heading my thirty yards this year:

1st Cockerel, New York and Boston, 1906
1st Cockerel.....New York, 1907
1st Cock.....New York, 1906
1st Cockerel.....New York, 1909
1st Cock.....New York, 1909
1st Cock.....Jamestown, 1907
Cockerel heading 1st Pen, New York, 1909
1st Cock.....New York, 1910
1st Cockerel.....New York, 1910
2nd Cock.....New York, 1907
2nd Cock.....Boston, 1906
2nd Cockerel.....New York, 1909
2nd Cock.....New York, 1910

2nd Cockerel.....New York, 1910
3rd Cockerel.....New York, 1909
Cock heading 2nd Pen, New York, 1907
Cock heading 2nd Pen, Boston, 1907
3rd Cock.....New York, 1909
3rd Cockerel.....New York, 1910
4th Cockerel.....New York, 1910
4th Cock.....New York, 1910
5th Cock.....New York, 1910
Cock heading 2nd Pen, New York, 1910
6th Cockerel.....New York, 1910
4th Cockerel.....New York, 1909
5th Cockerel.....New York, 1909

Stock and Eggs for sale at all times

Send for free mating list

D. W. YOUNG, Box 1-A, MONROE, ORANGE CO., N. Y.

75c

Pays for one year's subscription to American Poultry Journal, Western Poultry Journal and Farm-Poultry. See advertisement elsewhere in this issue.

The Only Incubator Correct in Principle

One gallon of oil—one filling of lamp, is enough for a hatch. Lamp in middle; door on top. Best ventilation and most uniform heat. X-Ray Incubators save oil, time, work, money. We control heat—others waste it. Different and better than any other. Write for free book.

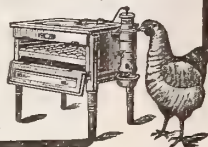
X-RAY INCUBATOR COMPANY
1st St., Wayne, Neb.



200-EGG INCUBATOR \$12.80

This perfect 200-egg Wood-en Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free.

GEO. H. STAHL, Quincy, Ill.



KEMIFORM THE BEST CURE

For Roup, Cholera, Bowel Trouble and other poultry ailments

Kemiform is the safest and best remedy in the world. A tablet placed in the flock's drink prevents disease and makes profits possible. Absolutely Guaranteed. Price 40 cents postpaid, and a fine Automatic Drinking Fountain FREE

if you mention your dealer's name. (Agents wanted) Write today

THE KEMIFORM CO.

2451 St. Clair St. Cleveland, Ohio



5 ACRES
\$125

\$5 Down, \$5 Monthly

Poultry Thrives

In Southern New Jersey. Our land is only 19 miles from Atlantic City. Within easy reach of New York, Philadelphia, Baltimore, Washington and coast resort markets by two main line railroads which run through property. Large manufacturing town and navigable river nearby.

Dry, clean, porous soil and mild, invigorating climate are natural aids to the successful raising of squabs, broilers and poultry. An early spring forces products for good prices. Winter laying is the usual order.

Fruits, berries and vegetables are grown in Southern New Jersey with great commercial success. Title insured. Write today for particulars of this wonderful offer and free booklet. White people only.

FRAZIER CO.

691 Bailey Bldg., Philadelphia, Penna.

the hen on them and then watch that hen. Do your part to get all the good from those eggs that is in them.

Crevecoeurs Wanted

Wm. McDaniel, 315 N. Lehigh avenue, Sayre, Pa., is in the market for some first-class Crevecoeurs. Those who have this variety for sale should write him and mention American Poultry Journal.

Notes of the Month

Higgs—One thing is sure, Jiggsy—that man Hicks is either going to tame the lions or else—

Jiggs—Get his anatomy fearfully mauled when he gets into the cage of beasts at St. Louis.

Sam Nofztger writes us that a pen of his Partridge Rocks are in an egg-laying contest somewhere in New York and are leading a field of picked colts, to use a horseman's expression. Sam says that if they have the luck to win it will be the first good luck that has happened to him in a coon's age. Here's hoping!

The line-up behind Quisenberry is mighty strong out in the entire chicken country. It looks like Tom for the board this time.

A number of years ago the wishbone of a chicken was hung over the front door because the first man to enter under it was the man whom daughter was going to marry. Nowadays we hang the wishbone over the door to show the good people that we can afford chicken.

There was some talk of a Poultry Train being sent through the state of Iowa to disseminate a little more poultry lore among the farmers and their wives and others who were so situated that they could keep chickens. Whether the chicken train materialized is more than we can tell, as we saw no more about the idea in the Iowa papers. It would be a good thing for the state poultry interests.

They also say that the German poultry fanciers are trying to get up a line of their breeds to bring over to the next Missouri state show. We welcome them with open arms. The more the merrier. Nothing would be more educational than a complete array of birds of all breeds as they are bred in Germany.

You can plan to get your outing down at St. Louis this summer. Why not? It is now a cinch that the A. P. A. will meet there and we are to have all the free entertainment that the burg on the Rhine can scare up.

Line Orr is still holding off and says he will go to St. Louis, nit, if this town gets it. I have seen the time when Line had a great lot of fun in San Louey.

If Milo Hastings is not getting his in the journals for April we do not know how one could get advertising for nothing. Robinson says he is a crafty lad.

Robinson suggests that the nightmare that keeps Curtis awake nights is that there is a conspiracy in the west to dethrone Crawford and Curtis and beat Fishel, as well as put the association in the hands of Hewes, Hicks and Richards. Well! Not while the west is on the job.

Purvis had to tell his readers that he was on the job with Poultry, for from his late obituary notice in R. P. J. the impression got out that he was about to seek other fields and pastures new. Nothing to it.

"We, the undersigned," who resigned from the Black Wyandotte Club, created a ripple which reached from the Atlantic to the Paphysic, perhaps.

The Stockkeeper asks and answers itself with a good one: If a pretty pouteress marries a pillmonger, why may she be said to make a bad bargain? Because she lets him have a "duck" and gets but a quack in return.

The Reds are certainly traveling in England. They are going so fast that the English, too, have had club troubles. Nothing like advertising a breed to make it a goer.

It looks to the man who reads Trafford's "One Way of Doing Business" that he is afraid to name the flagrant person he assumes to attack.

Texas now boasts a branch of the A. P. A. and J. G. McReynolds has been selected as president. What do you know about that?

A REMARKABLE RECORD.

W. Etzensperger, Willoughby, Ohio, breeder of Single and Rose Comb Rhode Island Reds, at the late Cleveland show won seven first prizes, which is more firsts on Reds than was ever won by one party at this show. His S. C. Red cockerel was such an extra good specimen that Lester Tompkins, who gave him first at Youngstown, together with the other judges, picked him out for the A. P. A. gold medal special for best cockerel in the show. He was also awarded the A. P. A. silver medal for the best cockerel in all classes, including English, American, Asiatic, etc., an honor that is considered the greatest a breeder can receive. He has refused \$100 for this bird.

Mr. Etzensperger also breeds S. C. White Orpingtons and won first on cockerel at Cleveland in competition with some of the most noted birds in the country. Our representative handled a number of his birds, and says that the quality is superb. He has a few choice cockerels yet to spare in both varieties. Write him and mention American Poultry Journal.

NOTICE.

Just as we are going to press we receive a letter from the White Feather Poultry Farm, Rocky River, Ohio, in which they inform us that they have decided to reduce the price on their S. C. White Leghorn eggs to one-half. This will be welcome news to many of our subscribers, who desire to secure some of the noted "Snow Fluff" strain of S. C. White Leghorns, as they can now secure eggs from their best pens at \$2.50 per 15. These people guarantee satisfaction and are in a position to back up this guarantee to the limit. Write them at once and mention American Poultry Journal.

Read the address on your American Poultry Journal carefully. If it is not absolutely correct please write the publishers at once, as it may cause delay in delivery at a future date.

PITTSFIELD



FIRST PRIZE COCK BOSTON SHOW 1910,
PITTSFIELD POULTRY FARM, PITTSFIELD ME.

First Boston Cock

Can furnish you hatching eggs, day-old chicks and breeding birds from their winter laying, profit paying Barred Plymouth Rocks that have made their plant successful and famous; the kind of stock that is adapted to farmers, egg farms or broiler plants; that is really bred to lay and matures rapidly. Or we can furnish you the quality of stock that won for us

At Boston, 1910, 1st Cock, 1st Exhibition Pen Chicks, 2d Hen and Eight Other Regular and Special Prizes

This winning was made against the biggest and best known breeders in this country and proves conclusively that we have the **leading exhibition and utility strain of America.**

Our exhibition matings contain all of our Boston and other winners this season. They are correctly mated for best results and will produce winners for you at any show next season. We will sell eggs at our established price from all pens of \$4 per 13, \$12 per 50, \$24 per 100, or at special prices for all eggs from one pen. Results guaranteed. We will mail a detailed list of matings on request.

While we are justly pleased with our record with fancy birds, we take special pride in our reputation as successful breeders of a **healthy, vigorous, money-making utility strain**, such as nine out of ten of you want. The object of this plant is to supply eggs and stock for breeding purposes, and all of our efforts are in that direction.

Every bird in our breeding pens is a carefully selected, healthy, vigorous, range-reared individual, selected for type and possibilities. Eggs or chicks from this stock are sure to give you permanently satisfactory results.

No Barred Rock plant in the country is so well equipped to handle large orders for chicks or eggs promptly, and none takes more pains with small orders. We guarantee safe delivery anywhere, and good hatches.

Price of Utility Eggs: \$1.50 per 13; \$4.50 Per 50; \$7 per 100

Day-Old Chicks: \$6 per 25; \$10 per 50; \$15 per 100

Your satisfaction is the key to our success, and we guarantee it

We have a choice lot of breeding males and females on which to quote you prices if interested. **Do not lose sight of the fact that Barred Rocks are the greatest of all American birds and best adapted to American conditions.** Illustrated catalog mailed free on request. It is worth reading.

Pittsfield Poultry Farm Co.

To insure inquiries prompt
attention use street address

102 Main St., Pittsfield, Maine

WHITE PLYMOUTH ROCKS



BICKERDIKE

We are offering this month some rare bargains in select breeding stock.

Four \$2 hens and one \$5 cock, 1909 hatch, all for \$9.

Four \$3 hens and one \$10 cock, 1909 hatch, all for \$15.

Four \$5 hens and one \$15 cock, 1909 hatch, all for \$25.

In other words, we are offering for this month Bickerdike's White Rocks:

A \$5 Bird for \$1 A \$10 Bird for \$3

A \$15 Bird for \$5

We have a surplus of stock and must have room. These are all good breeding birds and will be shipped to any address with our guarantee of satisfaction, or your money back. If you want some good breeding birds at the best bargain prices ever offered to produce good chicks this season, write quick before too late. Eggs half price after May 20. Write for free circulars. :: :: :: :: :: :: :: :: ::

First cockerel Illinois State Fair, heading first pen at St. Louis and winner of Spratt's cup for best 1909 hatch male bird in the show, all varieties and breeds competing—5250 birds in the show.

J. A. BICKERDIKE
BOX A :: MILLERSVILLE, ILLINOIS

LETTERS from our SUBSCRIBERS



Editor American Poultry Journal:

Dear Sir:—I am a boy twelve years old and take great interest in poultry. I find in keeping poultry they need attention; if this is neglected the owner suffers loss. Pip is a great annoyance to all poultry men. The bird appears dull and does not eat; the comb is bluish. You will find a white shell on the tongue. Draw the tongue out of the mouth upward toward the side and close the beak gently. Take a pen

Editor American Poultry Journal:

Dear Sir:—In reply to, "What's your experience," in the April issue, would say that I built last fall a house 10x36 feet, rear 5 feet, front 7 feet. It was simply square edge hard pine boards nailed to 2x4's at top and bottom. The rafters were 2x4's set at 2 feet on centers. The whole was covered with Amatite Roofing. It faces a little to the east of south. The interior I have arranged so that I can throw it

in which all whole grain was fed both morning and evening, supplemented with Park & Pollard's dry-mash. At noon sprouted oats or other green feed was fed.

Use Potter's roosts and nest outfits.

The muslin curtains were always open when it was not storming or the wind blowing too hard from the south, if the thermometer was above zero.

Just before zero weather set in last winter the roosts were covered with large dry goods boxes which were made tight except in front, which was open, over which I kept burlap curtains when the weather was at zero or lower.

All winter there was not the first sign of a cold or a frosted comb among the fowls.

In the east end of the house we kept a few S. C. W. Leghorns, which went through as nicely as the Orps. There was no male bird with the Leghorns, but the cock with the Orps had the same treatment as the pullets.

Since the pullets (both breeds) commenced laying last fall they have given us a 40 per cent or better egg yield all



First prize White P. Rock pullet, Detroit, 1909. Bred and owned by Lyman H. Hill, Jackson, Mich.



This beautiful Black Orpington cock is without doubt one of the best that has ever been shown in the West. He fairly sparkled with lustrous green sheen and his owners are to be congratulated on having such a fine male for their breeding pen.—L. Stahmer.

knife and loosen the shell at the end and it will come off. This is the pip. Dip it in lard and pepper and give it to the fowl. The next day the bird is as well as ever. I think flower of sulphur a very useful article, when sprinkled around setting hens, and their feathers dusted with it will keep off lice. After cleaning the poultry house make a small fire in the middle, cover the fire with sulphur, then smoke will arise. Close all doors and windows for about fifteen minutes, then open them. It is a great purifier and kills all germs and lice. If a poultryman reads the American Poultry Journal he will find very many useful hints.

Baltimore, Md.

Louis Strott.

all into one pen or six, making each 6x9.

The building is set on a concrete wall 6 inches thick and 1 foot high. In the west end I have a door 2½x5 feet. In front of each pen I left an opening 3x5 feet (1 foot from sill and plate), over which was placed 1 inch mesh wire (should have used ¾ inch, as sparrows can crowd through the inch mesh). Two-thirds of each opening was covered with a storm sash and the remaining third was covered with unbleached muslin curtains.

The soil is of a gravel nature and the interior of house was raised about 6 inches by filling, on which the litter was placed from 6 to 12 inches deep,

through the winter and at present it is about 80 per cent. How long they will keep it up I cannot tell.

The house is protected a little from the north wind (we have no east wind), but it catches the south and west full force.

It is perhaps not necessary to state that the hens never lack grit or water (chill taken off).

Our weather often goes to 20 below, which it did once or twice during the winter. Seven years ago it went to 38 below for two nights. Hoping that this may help someone, if published, I am,

yours respectfully, A. M. Becker.

Editor American Poultry Journal:

Dear Sir:—I read so very many interesting articles of the different breeds of fowls, that I wish to mention the merits of the Seilian Buttercups. For the production of eggs there is no other breed of chickens that approaches them. The Leghorns, Hamburgs, Wyandottes, even the R. I. Reds, are not in it. They are left in the distance. Buttercups are non-setters, and lay practically all the time, even when moulting. They lay large, pure white, pretty eggs and are very beautiful chickens. They are very tame and friendly, active and great foragers. They also require less food than other fowls. If given free range they require very little food, except in winter. Another thing in their favor, they are extremely vigorous and hardy. I have never had one case of roup. If any one is looking for eggs, Buttercups are the fowls.

Easton, Md. Mrs. J. S. Demaresq.

Editor American Poultry Journal:

Dear Sir:—Fire today destroyed a portion of our brooder house, caused by an explosion of oil heater, destroying over 200 January and February hatched chicks, every chick we had, and all from our best matings; chicks to value of \$300 burned to death. Strong southwest gale blowing, and only the help of neighboring farmers, forming bucket brigade, stopped the flames and kept them from destroying the entire brooder house and getting to the breeding houses.

We have, however, several large machines due within a few days, of exhibition stock, and although this is a serious set-back, it will not keep us from furnishing stock for the season's fall trade.

Huber Bros.

Kenosha, Wis.

Editor American Poultry Journal:

Dear Sir:—On reading your paper I see you want to know of muslin fronted houses in this country. In reply will say:

I am not a big breeder, but think that there is no other business than the chicken business.

Four years ago I built a hen house 12x32 and 12 feet high. I have an upstairs in it for litter store room and other supplies. I did not put in muslin curtains the first two years and my chickens all got sick during the first two winters and I lost about half of my flock. So on the third winter I put in two muslin curtains and my chickens were all healthy. I have two curtains on the south side 2x4 feet and my building is double boarded, plastered and cement floors. Previous years my walls were always sweating in cold weather and my chickens all contracted a cold, but since I put in curtains my walls never sweat and my chickens were always ready for their feed. I have had Aneonas in this building and have not even had a frosted comb, and had plenty of winter eggs.

A Reader.

GALVESTON, TEXAS.

"What may be well considered as a decided departure from the ordinary run of things," says Mr. Frank James, "is the Poultry and Pigeon Show that is to be one of the features of the second annual Cotton Carnival at Galveston, which important event takes place this year from July 30 to August 15, inclusive.

"It has always been a mystery to most

people why shows could not be held at this time of the year. Of course, the argument will always be advanced that the weather is so hot, but Galveston with her position on the Gulf of Mexico, right in line with the sea breezes that constantly blow during the summer months, is in a class by herself when it comes to genuine cool weather, and all the more will it be so in this instance, when you consider that buildings and coops are to be built that will have special reference to this feature.

"Galveston's hotels and boarding places are always full of visitors at this season who are away from home for rest, comfort and recreation, so there is every

reason to believe that 'My Lord Rooster and My Lady Hen' will also look upon it as a decided change for the better in their usual surroundings.

"When these facts are more generally known it is hoped by the management that many of our leading progressive fanciers will at once make every effort to get up their usual fine exhibits. It is also intended to hang up a series of cash prizes that will make it quite an object to the exhibitors, and there will be a series of cups presented that will be of as fine a character as any ever yet offered in a show of this kind. A strong committee of arrangements has been formed, who will have in hand the placing of coops,

Hall Mammoth Incubators Are Known by the Chicks They Hatch

The Hall Mammoth Incubator has worked its own way into public favor. It was a **success from the start** because it supplied in a thoroughly satisfactory way the growing need for a machine that would enable the poultryman's business to **expand automatically**,—without the repeated installation of new incubators.

The Hall Mammoth Incubator is **substantially built**. It is **easily and economically operated**. Its **plan of incubation is absolutely correct**.

Anthracite coal is the fuel used. There is **no danger** of explosion of lamps and **injury** to the eggs and chicks from **poisonous fumes**.

THE HALL BROODER SYSTEM

Half of the Hall reputation is based on the Hall Brooder System.

There are many advantages possessed by the Hall Equipments, and the net result is: **Larger hatches and heavier, stronger chicks that live**, with the cost of production and rearing reduced to a minimum.

Write for our free catalogue. We would like to get personally in touch with you and tell you more about The Hall Mammoth Incubator, Hall Brooder System, and Hall Self-Regulating Furnaces.

The Hall Mammoth Incubator Co.
UTICA, NEW YORK

etc., and the policing and management of the exhibits. This committee has been chosen from those who have the most knowledge and experience in the matter, and it goes without saying that every one that uses the advantages offered will have reason to be pleased therewith.

"Mr. J. V. Keeler, of Winamac, Ind., who has been so long and favorably known by our breeders, has been chosen

their fowls, and it is hoped that this feature will add to the general interest. All inquiries will have prompt and careful attention, and you are urged to avail yourselves of the opportunity."

NEW BERLIN, N. Y.

The Unadilla Valley Poultry and Pet Stock Association of New Berlin, N. Y.,

The officers were elected as follows: President, F. R. Pardee, New Berlin, N. Y.; vice-president, J. D. Grover, New Berlin, N. Y.; secretary-treasurer, R. F. Talbot, New Berlin, N. Y. Show dates are January 23-27, 1911; judge, J. D. Jaquins. It is now conceded that the New Berlin show is one of the leaders of New York state.

BELLOWS FALLS, VT.

The Connecticut Valley Poultry Association was recently organized with twenty-two enthusiastic members.

Officers: President, Rev. A. C. Wilson; vice-president, G. D. Clark; treasurer, W. G. Freeman; secretary, A. T. Pierce.

Intend to have first show in December or January. Score cards to be used. Will offer cash and other prizes.

We offer \$5 in gold for the best essay, not to exceed 300 words, "Why Should People Outside of Fancier's Join Poultry Association?" Must be in hands of secretary June 1.

In view of the fact that Bellows Falls is one of the best railroad centers in New England and the association backed up by live poultry fans, it should be a success.

We extend a cordial invitation to all interested in poultry to join us. Membership fee \$1.

TRI-STATE ASSOCIATION, MEMPHIS, TENN.

We have just received a copy of the directory of the Tri-State Poultry Association of Memphis, Tenn. It is very tastily gotten up and shows that the Memphis boys are hustlers, and that the Tri-State Poultry Association is one of the largest and strongest organizations in the country.

They had a show last fall that was a record-breaker, and everybody is hustling for a much larger and better show this fall, which will be held during the Tri-State Fair, September 27 to October 4, 1910.

Write C. L. Baker, secretary, 292 Madison avenue, Memphis, Tenn., for information regarding show.

CRESTON, IOWA.

At the annual meeting of the Hawkeye Poultry Association W. H. Sprowl was elected president; J. M. Scurr, secretary. Twelve silver cups were provided to be awarded at the next show to be held the second week of January, 1911.

A. B. Shaner has been secured as judge. Liberal cash and merchandise specials will be provided in addition to the regular percentage premiums, and every



FIRST
PRIZE
R-G-RED
COCK AT
MADISON SQUARE
GARDEN N. Y.
1909-10

KAUFMANN
AND
WINDHEIM
NUTLEY
NEW JERSEY

from amongst a crowd of equally well known poultrymen to act as judge of the poultry. The judging will be done in the first few days of the carnival, and it is intended to allow exhibitors to withdraw their birds at the expiration of that time, provided they replace them with others. Certain specified days will be allowed for exhibitors to sell or exchange

held their annual meeting Feb. 28, 1910, for the purpose of incorporating the association and electing the officers of the year.

The following directors were elected: A. W. Morse, C. D. Burch, R. F. Talbot, F. H. Pardee, David Pugh, C. H. Sponable, Wm. Bell, W. E. Decker, F. W. Shaw, all of New Berlin, N. Y.

ORPINGTONS

BUFFS, BLACKS and WHITES

My elaborate 30-page, 8x10 catalogue is complete and will be mailed for a dime. It tells the story of the famous Byers Strain Orpingtons. The best colored birds each season are hatched late. My regular prices on eggs run \$5, \$10, \$15 and \$20 per 15. After May 15 I will sell eggs at half price. The quality of my matings is superior and the same in Buffs, Blacks and Whites. READ THIS AGAIN.

C. S. Byers : Orpington Specialist : Hazelrigg, Indiana

You are familiar with my phenomenal records for the past twelve years in Orpingtons if you have watched the advancement of this wonderful breed. I won more premiums on Orpingtons at 1908 and 1909 Chicago shows than any other exhibitor. I have supplied winners for the largest shows in the United States and Canada in the past and will continue to do so in the future. There's a reason.

Anyone can write catchy advertisements to catch the unwary for pecuniary gain only but I have been and am in the business to stay and YOUR BEST INTERESTS WILL BE SERVED.

I have the quality of the hour in line bred birds that can be depended on. That means all in the establishment of a reliable flock.

It tells the story of the famous Byers Strain Orpingtons. The best colored birds each season are hatched late. My regular prices on eggs run \$5, \$10, \$15 and \$20 per 15. After May 15 I will sell eggs at half price. The quality of my matings is superior and the same in Buffs, Blacks and Whites. READ THIS AGAIN.

effort will be made to make this the biggest show ever held by the association.

J. M. Scurr, Secretary.

EVANS CITY, PA.

The Evans City Poultry and Pet Stock Association will hold their "Fourth Annual Show" January 10-14, 1911, in Firemen's Hall, Evans City, Pa. This hall is one of the best in this part of the state and the association intends to make this show the best in the county.

This association has already made a reputation for its honest and square dealing, and the officers recently elected intend to keep this association in the front rank.

J. F. McFarland,
Secretary.

WOONSOCKET, R. I.

The sixth annual exhibition of the Woonsocket Poultry Association will be held in Harris Hall, which is one of the best lighted halls in New England, the same week as usual, Dec. 15, 16, 17, 1910.

Single cooping, good judges, large regular premiums, and a big list of cash specials, together with the good management that has characterized the show in the past, we expect will make it more successful than ever next December.

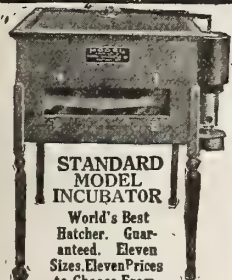
C. O. Smith, Secretary.

White Plymouth Rocks and Rose Comb White Leghorns are the two varieties bred by E. H. Reichert, Virden, Ill., and he is prepared to supply eggs of either variety that will hatch good, strong, healthy chicks, and will guarantee satisfaction. Write him now and mention American Poultry Journal.



SUPERIOR C.

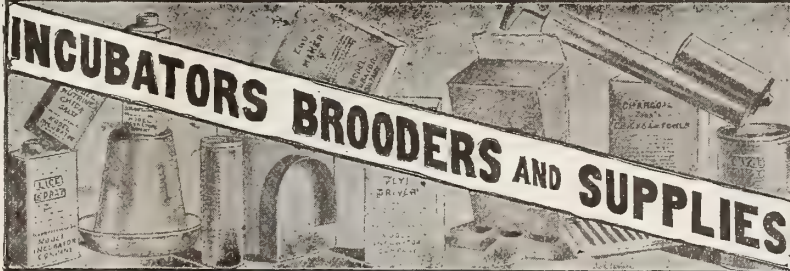
Second prize White Wyandotte cockerel at Kansas City, 1910, his first and only show. One of the best ever hatched. Bred and owned by George H. Rudy, Mattoon, Ill.



STANDARD
MODEL
INCUBATOR

World's Best
Hatcher. Guaranteed. Eleven
Sizes. Eleven Prices
to Choose From.

(Write for Catalogue)



MODEL BROODER

Six Sizes, Six Prices to Choose From.

They Mother the Chicks Better Than a Hen.

(Write for Catalogue.)

TALES OF SUCCESS in the Poultry Business are generally the outcome of good judgment in buying one's supplies and selling one's products. You will always find that the successful man uses care in choosing his incubators. He selects machines that he knows will hatch many and strong chicks. He buys brooders that can be depended on to keep an even temperature. He knows that it is not only the first outlay that counts, for when one buys cheap goods very often

a whole season's labor and time is lost. You have heard the saying "Take care of the pennies and the dollars will take care of themselves." In no business is that so true as in poultry-keeping. It's the little things that tell in the end. Lice must be fought before they get ahead, and the best Lice Dust is none too good. House-mites must be exterminated with a good strong Lice-Spray. Disinfectant that disinfects—in fact your whole equipment should be thoroughly depend-

able and of superior quality, if you intend to succeed. Let your Food Holders and Wall Founts be of heavy galvanized iron, especially when they cost no more than the low-grade kind.

"MODEL" INCUBATORS, BROODERS and POULTRY SUPPLIES, are unequalled in quality. They are for sale by dealers, hardware stores, seed and implement merchants, and feed stores all over the country. Ask for them, and don't be satisfied with any other kind. Write us.

IF YOUR STOREKEEPER DOES NOT KEEP MODEL SUPPLIES

BUY DIRECT FROM OUR FACTORY AND LABORATORY

It is most important that you should have Incubators and Brooders of Quality. The "Models" hatch more chicks and stronger than any other. They are Used and Recommended by Large Practical Poultry Farms, Government Experiment Stations

and Duck Growers; also with great success by Beginners in Poultry Keeping. Save your chicks from sickness and diarrhoea by using Model Nutrine Chick Salts. Dust them with our Lice Spray. Disinfectant that disinfects—in fact your whole equipment should be thoroughly depend-

This all helps you on the road to success. All our goods are guaranteed. Send them back if not satisfactory. When in Buffalo call and see our Factory and Laboratory. We want Poultry Keepers to be our agents. Write for terms.

We Manufacture Everything for Poultry Keepers

INCUBATORS
BROODERS
THERMOMETERS
THERMOSTATS
EGG TESTERS
LAMPS
BURNERS
CHARCOAL

LICE SPRAY
LICE DUST
HEAD-LICE KILLER
SCALY LEG SALVE
SULPHUR CANDLES
DISINFECTANTS
CHOLERA CURE
FLY DRIVER

CHICK MARKERS
LEG BANDS
COLONY COOPS
BROOD COOPS
CHICK SHELTERS
SPRAY PUMPS
NEST EGGS
ROUP CURE

CHICK SALTS
DRINKING FOUNTS
WALL FOUNTS
WATER CUPS
FOOD HOPPERS
GRIT BOXES
FEED TROUGHS
EGG MAKER

Write to-day for our new Price List and Poultry Book containing Valuable Chapters on Poultry Raising, and Illustrations and Descriptions of all the above Poultry Supplies. We want Agents. Sell to your neighbors. Address

MODEL INCUBATOR CO., (Robert H. Essex, President)
POULTRY KEEPER AGENTS WANTED. TERRACE AND HENRY STREETS, BUFFALO, N. Y.



Robert H. Essex

CHICK CHATS

by H. P. Schwab

This department is open to all readers and advertisers in the eastern territory and all are invited to send in all poultry news items that come to their attention. Address H. P. Schwab, eastern representative, Irondequoit, N. Y.

On the road, visiting poultryman.

April, May and June are the best hatching months.

For the early shows April and May are best. But for the January and February shows the latter part of May and early June give best results.

When hatched keep them growing all the time; don't let them stand still

Easton, Pa., has also a pen of bull dogs. We met them but did not write them up. They surely were considerable in this case.

Did you notice the two grand Barred Rock males in last issue? Grove Hill birds have a quality of their own, both in life or from the artist's work.

These cuts are the work of C. H. Latham, Lancaster, Mass. Mr. Latham

one days are still there. Surely we have much to live for.

J. D. Koons, Trichler, Pa., has been elected justice of the peace of his town. Between his White Rocks, Buff Wyandottes and this job he is liable to keep out of mischief.

Look through the American Poultry Journal. Its line of advertising is pulling its circulation astonishingly.

Henry D. Riley placed himself and his automobile at our command. It is a real treat to visit breeders in this way and we want to publicly give thanks.

Philadelphia has made good. We attended the annual meeting of the Poultry Association there. Great preparations are being made for the next show. Go to the Philadelphia show is the best word, and take your birds.

John H. Hallock has good reason to brush up some since his sweep at Boston on White Leghorns. His catalogue is a beauty. Better send for one.

Editor De Lancy of the Item was also looking around. His work surely has been most successful, and is fully deserved. The esteem he holds of all who know him, has been well earned.

The F. P. C. Poultry Foods and Remedies put up by F. P. Cassall, Lansdale, Pa., have been on the market with success for many years. Send for their circulars and mention this journal.

Do this at all times. Give us the credit due us. It will help and benefit us. All helps to make a better paper.

See the letters under the heading of "Letters from Our Subscribers" in this issue. Don't you wish to express your opinion on some subject? If so address your article to the editor. These articles help the good cause for which you are working.

EGGS HALF PRICE.

Miss Alice M. Hedges, Pana, Ill., the well-known breeder of pedigreed White Plymouth Rocks, is offering eggs at half price from her best pens for the balance of the season. Send for full particulars.

I am going to have a position at the seashore next summer, and want to make myself several pretty dresses while I have time this winter. My means are small. How can I spend what I have to best advantage.

Sweet Sixteen.
You can make as pretty a dress as a frock from Simpson-Eddystone Prints as any girl of sweet sixteen can possibly want, and you will be surprised at their moderate cost.

These beautiful cotton goods are so dainty, and the designs so pretty and stylish that they look like much more expensive materials.

Robert Bretz, R. 3, El Reno, Okla., breeder of R. C. R. I. Reds, makes the announcement that from May 15 to June 15 he will sell eggs from his best pens at one-half price. This is an opportunity that our readers should take advantage of to improve their stock and raise some prize winners, as Mr. Bretz certainly has the kind that win.

G. M. King, R. R. 1, York, Pa., breeder of Barred Plymouth Rocks, is making special prices on eggs for the balance of the season. If you want large, vigorous and beautiful birds you should order a set of two of eggs from him now. He has the kind that will please you and he satisfies his customers.



Second White Wyandotte cockerel at Boston, 1910. Bred and owned by J. W. Andrews, Dighton, Mass. Mr. Andrews won first, second and sixth cockerels in competition with the best class of cockerels ever shown in America.

a minute. Feed in variety, and keep free from lice.

Pennsylvania is a great state. Nearly all hills, but its poultrymen are on the level.

J. S. Haupt, the Orpington specialist,

besides being a Plymouth Rock artist, is one of our best known breeders. Write him for prices on work.

While in Philadelphia we could not resist the temptation to again visit Independence hall and view Old Liberty. The bell and the memory of by-

A FEW FACTS ABOUT S. C. W.
ORPINGTONS.

NOTWITHSTANDING the popularity and enormous demand for Single Comb White Orpingtons, little is found in the press regarding this valuable variety and its characteristics. It is a matter of little concern as to the origin of this variety, and since authorities differ on this subject, I shall not burden you with the information I have gathered on this subject, but to touch on the inherent and predominant characteristics will be of value.

For some years after their introduction into the states this variety had a struggle for life. It was difficult to induce American breeders to take up a new white variety, but when the public learned the value of Orpingtons as a commercial fowl, the demand began to increase, and prominent breeders who were real fanciers began to push them, and today the demand is enormous. Whether he be an amateur, or expert breeder, any one can make money from White Orpingtons. This is true more or less of all Orpingtons. Why? Simply because Orpingtons have the merits that go to make up typical commercial and fancy fowls.

As in all other varieties, however, White Orpingtons have their common defects, most prominent among which are lack of uniformity in type and brassiness in plumage in male birds. Both males and females, as a rule, run too small, are too long in leg, too narrow in body, too long and too high in tail and too long in neck. An Orpington should be broad and deep, with well spread tail, of medium length, short and heavy in shank and a cobby bird. In male birds of such type it is extremely difficult as yet, to produce pure white plumage. For this reason typical White Orpingtons that are pure white in plumage, command, and are worth long prices, and dear reader, don't annoy a prominent and reliable breeder asking him to price and thoroughly describe such a bird if you have but a few dollars to invest, or if you are unwilling to pay for such birds what they are worth. Those contemplating the purchase of White Orpingtons will bear in mind that the demand for such specimens is enormous, and this demand comes largely from a class of buyers who are willing to pay the price. Such will be the conditions for some years to come. The extreme scarcity of such birds means success and a rich harvest for the fellow who owns and produces such birds, whether he be a large or small breeder. Invest in White Orpingtons, be willing to pay what they are worth, study their characteristics, and you will make good. See to it that you get what you order, but be sure you are right in the criticism of the stock purchased if not just satisfactory. It is the purpose of all reliable breeders to please their customers, but they are many times censured without sufficient cause, all because the purchaser is unfamiliar with the characteristics of the variety.

In conclusion let me mention that in S. C. White Orpingtons it is not a question of whether you can dispose of stock, but a question of having the stock to dispose of. They sell. The live merchant doesn't carry a dead line; he handles the brand that moves. Hazelrigg, Ind. C. S. Byers.

S. C. Rhode Island Reds

winners at all the leading shows. My yards are headed by males that have won at New York, Boston and Cleveland. Send for Mating List describing

Geo. L. Buell

Lorain, Ohio

ONE-HALF ALL BREEDERS

in Barred Rocks and S. C. Buff Leghorns at less than half their value. Females, \$1.50 to \$5; males, \$4 to \$10. Eggs, \$2 per 15; \$5 per 45.

GAGE & HUSTON

WILLIAMSPORT, PENNSYLVANIA

HILLSON'S BARRED ROCKS

2d cock; 1st cockerel; 1st, 2d hens; 1st, 4th pullets; 1st pen; New York state cup, at Buffalo, 1909. Best eggs \$5 per setting. Geo. W. Hillson, Hyde Park, New York



1st, Baltimore, winner of shape special at Little Rock, Ark. Score 94.

S. C. Reds

Bred from a long line of prize winners, they show their breeding by winning in four states, 1909. With 15 birds entered at Little Rock, Ark., I won 9 regular and 6 special prizes, including Swift loving cup for highest scoring pen of any class in show. \$10 in gold for second highest scoring 15 birds shown by one exhibitor; 3 out of 4 club badges given by Rhode Island Club of America. If you want the best in Reds, or your flock needs new blood, Mr. Breeder, write me. Mating list now ready. Eggs \$2, \$3, \$4 and \$5 per setting; utility, \$1.50 per setting.

CHERRY RED POULTRY YARDS
D. E. MACGOWAN, Prop., 1129 COLLEGE ST., MEMPHIS, TENNESSEE

The Buffalo Incubator Chas. A. Cyphers

Made By

Has Made Good

THE CRYSTAL SPRINGS POULTRY CO., Oil City, Pa., markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent of fertile eggs taken off this season—ninety-three per cent.

"We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator on the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world beater."

Patrick McEvoy, Manager.

Send your order today. Prompt shipment guaranteed. State size wanted and enclose price with order. I guarantee the Buffalo in every way to be the best incubator ever offered at any price.

50-Egg, \$8.00 100-Egg, \$11.00 200-Egg, \$15.00 300-Egg, \$20.00

Indoor Brooder, \$7.00 Colony Brooder, \$10.00

Send for Descriptive Circular

CHAS. A. CYPHERS, President Buffalo Incubator Company
4700 Ellicott Square, Buffalo, N. Y.

Get out of the rut

Give your buildings the benefit of progress—same as you give the farm itself. Cover every building on the farm with Genasco Ready Roofing—the economical roofing that protects and lasts.

Genasco Ready Roofing

is made of Trinidad Lake asphalt—Nature's everlasting waterproofer. It prevents cracks, breaks, and leaks, and does away with damage and repairs. Easily applied without experienced help.

The Kant-leak Kleet does away entirely with cement and large-headed nails. Keeps seams absolutely watertight. Saves time in laying. Makes a beautiful finish. Ask for Genasco rolls with the Kleet packed in them.

Ask your dealer for Genasco. Mineral or smooth surface. Be sure you see the hemisphere trade mark. A written guarantee, if you want it. Gold medal (highest award) Seattle, 1909. Write for samples and the Good Roof Guide Book.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt, and largest manufacturers of ready roofing in the world

PHILADELPHIA

New York

San Francisco

Chicago



Cross-section, Genasco Stone-surface Ready-Roofing



Partridge and Sil. Penciled Wyandotte Eggs

If you want the best eggs to be had from a line bred prize winning strain, bred, mated and exhibited successfully for twelve years, place your order now. Our breeding pens contain only the very choicest high class prize winning specimens, send for mating list and egg circular. : : CARVER & AVEY, Box A, Columbia City, Indiana

WHITE WYANDOTTE EGGS

From stock that has a winning record at America's largest shows, such as Indianapolis, Pittsburg, Chicago, Springfield, Jamestown exhibition and others at \$5 per 15, \$9 per 30, \$13 for 50, \$25 per 100. We guarantee fertility.

Dippel & Pierce Office 114 North Delaware Street Indianapolis, Indiana

Shann's S. C. Black Minorcas

have won this year at four of the leading shows, Cleveland, Youngstown, Willoughby and Ashtabula in strong competition. Eggs from these grand birds now ready and guaranteed to hatch regardless of distance. Send for mating list H. J. SHANN, Painesville, Ohio

Buff, Black and White Orpingtons and S. C. Rhode Island Reds

Our foundation stock has been selected from America's greatest breeders and importers. We have the best that money and years of labor and scientific mating can produce. Our pens contain Chicago, Madison Square, Indianapolis and many state show winners. Seventeen mated pens. Free mating list.

Valley Poultry Farm Galesburg, Michigan

Reduced Prices This Month

For the next thirty days I am offering eggs from my prize winning

White Orpingtons and White Wyandottes
at \$5 Per 13 Straight

After June 1st, I will dispose of 30 per cent of my this season breeding stock at prices that will move them quick. Write now if you want a bargain in quality. Order your eggs direct from this ad and save time. Remember, I guarantee satisfaction in every case.

F. D. SUTTON, 68 ST. LOUIS AVE., YOUNGSTOWN, OHIO



IRON AGE

Wheel Hoe, Hill and Drill Seeder.

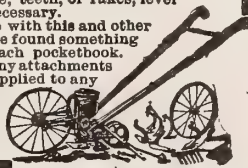
Whether the man of the house or the lady of the house or the small boy makes the garden, all of the necessary work is easily done when you use one of these tools. Does A DAY'S WORK IN 60 MINUTES.

Not only does this tool do the work more easily and better than in the old way, but you can get over your ground more often, keep the weeds out entirely and keep all of the moisture by constant cultivation. You can open furrows, sow seed and cover and roll it, mark your next row, trim out the weeds and cultivate with hoe, teeth, or rakes, level the piece of ground, ridge your rows, if necessary.

Thirty or more combinations are made with this and other "Iron Age" garden tools—in the line will be found something to fit each one's particular needs and each pocketbook. Prices run from \$2.50 to \$12.00. A great many attachments are furnished and made so they can be applied to any one of several tools, old as well as new.

Write for complete "Iron Age" catalog to-day and see which one answers your purpose best. Address

BATEMAN MFG CO., Box 563 Glenloch, N.J.



Combined
No. 6 Double
and Single



THE REDS FOREVER.

Do I really like the Reds? And, do I really believe they are the one and only breed worth while since Moses smashed the ten tablets? Or was it twelve? Caesar's grandmother's ghost! Greater love hath no man, etc. Haven't I given up all for the Reds? Haven't I fought and bled and died for the glorious old —? Oh, confound it! I never even got the nomination for alderman! What's the use? But, say, do you see me boosting anything else? Nay, not so, not even a Buckeye, with the beautiful slate, we Red breeders love so well—to see in our competitors' exhibits, our own having carefully molted theirs in due time. And then, too, haven't I given in, after worshipping (briefly, to be sure) at the shrines of any number of the fifty-seven varieties in 'poultrydom'? Haven't I had the



Pullet breeding Barred Rock cockerel. Bred and owned by H. Burkholder, Clyde, Ohio.

Rocks and Orpingtons that would condescend to begin laying at ten months of age, and haven't I had Wyandottes that wouldn't begin laying at all until I chopped off their heads, and haven't I had the Leghorns that would fly from their yards to the peaks of house and barn? Well, guess no more.

Oh, I'm not so lonely as I was some years ago, when Red ads were as scarce as poor men in the United States senate, or honest Pittsburg aldermen. Today you might almost think at times that there were only two breeds of poultry, the Reds and the Not-Reds, in spite of a vague remembrance that there really are a multiplicity of varieties of Rocks and 'Dottes, et al. And then, O sadful thought! We have no Red millionaires who take thirty-seven pages of display and write-ups per issue, with six columns of winning firsts, seconds, thirds,



McCUE'S "RINGLET" BARRED PLYMOUTH Rocks—Unexcelled in size, vigor, beauty and eggs. Winnings, Richmond, January, 1910, first cock, first, second, fourth and fifth cockerel, special best display. Choice stock. Exhibition eggs, 15 for \$4. Utility, 15 for \$2. LESLIE H. McCUE, State Vice-President American Poultry Club, Box 16, Greenwood, Va. 2-12

Everybody Was There

At New York 1908-10

That's the kind of competition Duston's birds want. I won first collection for the second time in three years. Winning first cockerel and A. P. A. special for best male. Shape and color specials and first pullet and many others and only lost first pen on account of an accident to the tail of the male. "I was sorry to throw down such a pen, but had to punish him for it," the judge said, and many expert judges have said that year was the best judged class in years, and certainly was one of the hottest classes ever brought together. If I had a million or two and was determined to win New York I would not be satisfied with the 2d or 3d year after year. No, not if it took a thousand dollars each to buy up half a dozen flocks. But the real enjoyment to one is to go down with a bunch of your own and WIN and reader that is the kind of stock you want. If you do and want good care write to me. Send 10c for a catalogue, stating wants in stock and eggs. 16 years a White Wyandotte specialist. The breeder who has made possible the world's best flocks.

Arthur G. Duston, Box 1020, South Framingham, Mass.

fourths, fifths to sixteenths, won without any competition, of course. If we only had some of these to boom the Reds, and a plentitude of pliant Paderwskis to take our birds at \$1,500 per. But, alas, and still more alas! Why, we are even short on 297 and 365-egg hens and 2-egg-a-day strains, but we are coming along the line. Just get a hen to lay thirty eggs one month and multiply that by twelve. It is so easy to get 360-egg hens. Or, if we are more modest, or less persevering, get one to lay twenty eggs one month. That means 240 eggs. Then add six or seven for good measure. That is coming some. Furthermore, or still yet, five and ten thousand dollar birds are most fearfully scarce with us, as yet. But, that makes me think—At times our memories are pretty short. Sometimes I wish they were more so. Lord, deliver me! Once, during an attack of mental aberration, I put a long price on a bird. Was I the first of the ten thousand dollar string? Woe is me! I fear it. But, now every fancier has them, from Kansas City to Podunk, Maine. Next time I essay to ride the clouds, 'twill be a million, no less. Pike's Peak or bust! Give me liberty or passage to Paradise! Down Venus! Up Mars!

Edwin R. Cornish.

Ann Arbor, Mich.



S. A. Nofztger, secretary-treasurer of the American Partridge Plymouth Rock Club, North Manchester, Indiana.

At a meeting held at Indianapolis, Ind., February 9, 1910, the American Partridge Plymouth Rock Club was organized, with E. L. Howard, Illinois, president; W. T. Bull, South Carolina, vice-president; S. A. Nofztger, secretary-treasurer.

The membership fee was placed at \$1. Those interested in this grand new breed are requested to join the club at once.

Address S. A. Nofztger, Secretary-Treasurer, North Manchester, Ind.

THE NATIONAL S. C. WHITE LEGHORN CLUB.

We are just in receipt of a copy of the new catalogue of the National Single Comb White Leghorn Club, which is just off the press. This is one of the most up-to-date catalogues we have received this sea-

son, and shows that this club is up and doing things. It is full of interesting and instructive reading matter, and should be in the hands of everyone who is interested in this variety. For full particulars about this catalogue and club, write the secretary, F. O. Groesbeck, Hartford, Conn.

AMERICAN BUFF LEGHORN CLUB.

The year book of the American Single Comb Buff Leghorn Club is just out and will be mailed to every person interested in this variety. The book contains much interesting reading and valuable information. Every breeder of Brown Leghorns should be a member of this club. Write to E. W. Staebler, Sec., West Park, O.

AMERICAN INDIAN RUNNER DUCK CLUB.

Indian Runner duck breeders at the Alaska-Yukon-Pacific Exposition, realizing the necessity of some united effort to push their breed to the front, have organized the American Indian Runner Duck Club. It was decided to instruct the secretary to get out a letter to the poultry press of the country, asking the editors to give as much publicity as possible to their club.

All persons who send \$1.50 for first year dues before June 1, 1910, will receive a setting of ten eggs free. This is the best offer ever made by any specialty club. The secretary is now at work on the first annual year book. In order to make as creditable a showing as possible, we invite all Indian Runner duck breeders to join. Members will have an oppor-

tunity to compete for silver cups, club badges and specials.

All members and breeders of Indian Runner ducks are requested to use as much space as they can afford in the poultry journals, in order to show that our breed is as profitable (if not more so) than many varieties of chickens.

We invite all secretaries of poultry shows to submit offers for our next annual meeting. Address all communications relative to the club, to

N. M. Barth, Secretary,
4829 37th Ave., N. E.,
Yesler, Wash.

To My Friends and Advertisers:

I am sorry to inform you that I am and have been quite ill. Am confined to my bed and utterly unable to attend to business in any form. I cannot, therefore, in this issue give any of you my personal attention, much as I should like to do so.

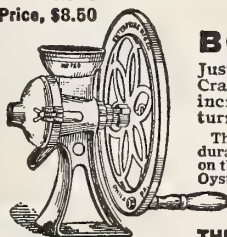
I have had a number of communications which I have turned over to others and trust they will attend to your wishes satisfactorily.

Regretting that I cannot give you the good things I had planned for this issue, and trusting I may be with you again next month, I am, with best wishes for your success,

Very truly yours,
C. W. Zimmer.

One dollar pays for a year's subscription to American Poultry Journal, Commercial Poultry Journal, Poultry Item and American Poultry Advocate. Send subscriptions to American Poultry Journal Publishing Company, 358 Dearborn street, Chicago, Ill.

No. 750
Price, \$8.50



"ENTERPRISE"

BONE, SHELL AND CORN MILL

Just the mill for farmers, poultrymen and all who keep poultry. Cracked grain, ground bone and shell is the proper food to feed to increase the egg production, and with one of these mills you can turn grain and waste materials into food for your poultry.

The "ENTERPRISE" Mill is thoroughly reliable. Runs easily, is strong, durable and doesn't get out of order. Look for the name "ENTERPRISE" on the machine you buy. Mill shown in cut weighs 60 lbs. Grinds DRY bones, oyster, and other shells. Capacity 1½ bushels of corn per hour.

Illustrated catalogue free. Our famous recipe book, the "ENTERPRISING HOUSEKEEPER," sent anywhere for 4c in stamps.

THE ENTERPRISE MFG. CO., Dept. 33 PHILADELPHIA, PA.

BARRED PLY. ROCK EGGS

The kind that will produce winners for you, as they do for me, \$3 per setting for balance of season. Order direct from this ad and save money. I guarantee to please.

Jonas Hayner : Box 411 : Livingston, New York



GAPE-NIT

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting GAPE. Price 25c, 50c and \$1 postpaid. PEERLESS CHOL.

ERA CURE never fails. Price 50c postpaid. Booklet and testimonials FREE. AGENTS WANTED.

PEERLESS GAPE-NIT CO., 836 Gordon St., Allentown, Pa.

Eggs at Half Price

From May 15th to June 15th I will sell eggs from my best pens of

R. C. R. I. Reds at \$5 Per 15

No better stock anywhere and I guarantee satisfaction in every particular. Write for prices on exhibition pens for the early fall fairs. I supply the winners. Send for mating list and mention American Poultry Journal.

Robert Bretz R. R. 3 El Reno, Oklahoma

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question.—(1) Is the market in the vicinity of Chicago oversupplied with eggs? (2) In your judgment, would this locality—70 miles west of Chicago—be a favorable place to start in the poultry business, the intention being to supply the market with strictly fresh eggs the year round?

D. A.

Belvidere, Ill.

Answer.—(1) No. (2) Yes.

Question.—What kind of chickens make best broilers?

H. E. W.

Aberdeen, Wash.

Answer.—This is, to a certain extent, a matter of opinion, but it is a well-known fact that any of the American varieties make excellent broilers, and especially the White Wyandottes.

Question.—(1) What is the best way to store eggs to keep them until winter? (2) What temperature should eggs be kept in from time of laying until they are put under the hens to hatch? (3) How soon should moisture pans be put in an incubator in a dirt cellar?

Denver, Colo.

M. J. I.

Answer.—(1) Preserved in water glass. Our Hand Book will tell you how. Price 25 cents. (2) From 50 to 60 degrees. (3) This would all depend

on the condition of eggs being incubated and the incubator used. Some machines don't need any moisture, and don't believe moisture is necessary in your case. It certainly is not unless the eggs are drying down too rapidly, and this you can determine by their appearance. As a rule moisture pans are not put in before the 15th to 17th days of incubation.

Question.—(1) What are the weights of the Ancona pullets, cockerels, hens and cocks? (2) Which is conceded to be the best winter layer, the White Leghorn or the Ancona, under the same condition? (3) What would be the outcome to breed sisters and brothers, and pick out the best cockerel and pullets and breed them together for one season if would be no bad results? How long could you breed them in that way?

Vowinkel, Pa.

J. F. F.

Answer.—(1) No Standard weight given for Anconas. (2) We don't believe there is much difference in these two varieties as far as winter egg production is concerned. (3) Unless you are thoroughly familiar with line breeding this is a dangerous practice. Read our book, "Why Poultry Pays and How to Make It Pay," which contains a

good chapter on line breeding. Price 50 cents.

Question.—Will you please give me the name of the disease my little chicks have, also the cause, and a remedy? They are about 2 weeks old. They begin to look droopy and stand with their heads real high and thrown somewhat backward, opening their mouths regularly. Their mouths are clodded with a yellow substance, not very hard, but real sticky and shiny. Some of them have this substance all down their throats, under their tongue and in the roof of their mouths, while others are affected only in the roof of the mouth, this being swollen and sore and not so much yellow stuff. They can hardly shut their mouth, it is so full, and it seems that they cannot breathe well nor can they hardly eat. Sometimes water runs out of their mouths, which is full of little bubbles. The droppings of some of the chicks look natural, while of others it is almost like clear water, with some yellowish white in it.

Lizella, Ga.

N. N. H.

Answer.—These chicks must have been bred from diseased stock or subjected to severe treatment, for it is very uncommon for chicks of that age to get in the condition described. They evidently have canker. Don't believe you can do anything for them, although you might try some of Conkey's canker cure.

Question.—(1) I have twenty-five pullets hatched last May and June. They began to lay during January and now I get from fifteen to seventeen eggs a day. They are White Rocks and a



Incubator

Users; We want to thank our many thousands of friends among the users of incubators, who so generously responded to our advertisements during the season just past. We believed that you would appreciate an honest, dependable Thermometer and Hygrometer—as good as it is possible to make—and that an honest price would be a satisfactory price for "Tycos" instruments.

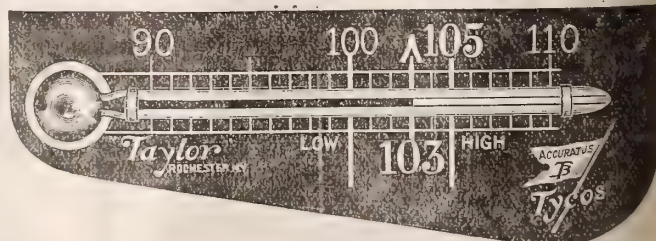
We do not want to do a mail order business. We were very much handicapped to take care of the hundreds of friends who sent direct to us for "Tycos" Thermometers and Hygrometers. We much prefer to furnish you through your dealer, or that you buy an incubator or brooder equipped by its manufacturer with "Tycos" instruments. A "Tycos" Thermometer or Hygrometer is the mark of quality which proves that the maker puts value into his machine, regardless of cost, and that quality will naturally extend to all parts of his machine.

Where it is impossible to obtain "Tycos" instruments of your dealer, we will fill orders at all times, at regular prices: "Tycos" Incubator Thermometers, each 75c, two for \$1.25 postpaid. "Tycos" Incubator Hygrometers, each \$1.50 postpaid.

There are enough difficulties to overcome to insure a good hatch of healthy chicks, and certainly the best Thermometer should be in the incubator YOU buy for your hatch.

When buying a hatching or brooding outfit see that it is equipped with "Tycos" instruments. Insist upon the brand "Tycos"

If you have not a copy of our free booklet, send for one today.



Taylor Instrument Companies

cross between Light Brahmas and White Rocks. Is this a good average? How many eggs ought I to get from them? (2) Are White Orpingtons more delicate than White Plymouth Rocks? (3) Which is the best table fowl? (4) Can you tell me if Peep o' Day coops are still sold, and where I may get them near Boston? (5) Are eggs laid by White Orpingtons as brown in color as those laid by White Rocks? M. S. Cohasset, Mass.

Answer.—(1) This is a good average. (2) We don't think so. (3) This is simply a matter of opinion. (4) Don't know. We don't see them advertised any more. (5) As a rule they are not.

Question.—(1) What is intensive farming? (2) What breeds are non-setters. J. H. L.

Kargley, Ill.

Answer.—Concentration of effort on a small amount of ground. (2) Leghorns, Anconas, Hamburgs, Minorcas.

Question.—Will you please inform me how many hens should be placed in a pen with one cock, and also how long should they be kept together until eggs would do for setting? Mrs. J. N. P.

Ferron, Utah.

Answer.—From eight to twelve. Eggs are usually fertile after the first week or ten days.

Question.—(1) Kindly let me know through the A. P. J. what caused a hen to lay an egg $4\frac{1}{2}$ ounces? (2) I would like to know if I buy some eggs or chicks from, let me say, Mr. A, and some of one of his customers and mated them, will the young stock's feathers

be suitable for showing?

Kensselaer, N. Y.

Answer.—(1) This is no unusual occurrence. (2) If properly mated they would.

Question.—(1) Are bantams as profitable, as layers, as large hens? (2) What kind of bantams are the best layers? (3) Does it injure bantams to inbreed them? (Some say that it only runs down their size, which is desirable.)

Skowhegan, Me.

F. D.

Answer.—(1) No. (2) Cannot say. (3) It injures any variety of fowls to inbreed too closely. It weakens their constitution and they are more liable to disease.

Question.—Please tell me in your next paper could trap nests be used where hens have free range. W. P. G.

Gastonia, N. C.

Answer.—Not to good advantage.

Question.—(1) What is the weight of White Orpingtons? Also of Barred Plymouth Rocks? (2) How would you advise feeding pork cracklings—made in a soft feed or feed them dry? (3) Is it best to feed heads of clover dry, or is it best to moisten with water? (4) This year I am mating a White Wyandotte cockerel to pullets hatched from the same eggs. Now would you advise me mating them next year?

Tenn, Ill.

C. R. M.

Answer.—(1) Orpingtons—cock, 10 lbs.; hen, 8 lbs.; cockerel, $8\frac{1}{2}$ lbs.; pullets, 7 lbs. Plymouth Rocks—cock, $9\frac{1}{2}$ lbs.; hens, $7\frac{1}{2}$ lbs.; cockerels, 8 lbs.; pullet, $6\frac{1}{2}$ lbs. (2) Feed in soft feed. Not more than two ounces to each fowl.

three times a week. (3) They should be steamed over night. (4) You should secure new blood for next season.

Question.—Will you kindly tell me in your next issue of the Journal what to do for hens that lay soft eggs?

Ft. Madison, Iowa.

Answer.—Feed more shell-forming material, such as wheat bran, oyster shells, etc.

Question.—(1) Can you tell me through your next issue what is the matter with my little chicks, some of them when first hatched seem to have lost all power of controlling their necks? I never had one live over two days. Some have told me it might be caused by too close relation in my chickens, but I have been very careful about that. The chicks shake their heads and tip them back at the same time and at last fall on their backs and can't get up. (2) Do hens lay eggs with a hard shell or do they lay the egg with a soft shell and it hardens after the air strikes it? (3) Do ducks and chickens do well in the same coop?

Grayling, Mich.

Answer.—(1) If these chicks were hatched in an incubator the trouble was probably caused by too much or too little heat at some period during incubation. (2) The shell is hard before being laid. (3) No.

Question.—I have a flock of Partridge Wyandottes and during the last year I have lost six or seven. Can you tell me in your next issue what the trouble is and what would be a good remedy? When they are first taken to the coop.



Manufacturers and Poultry Supply Dealers;

You have noticed our advertisements in the poultry and farm papers during this and last season. Thousands of poultrymen from all parts of the United States, Canada and foreign countries responded asking for Booklet, prices and where "Tycos" instruments could be purchased.

We are convinced, by this demonstration, that the poultry raising public is interested in an honest, dependable, highest quality Thermometer and Hygrometer, and that they are satisfied to pay a fair price for "Tycos" instruments.

You, who equip your incubators and supply your trade with Thermometers and Hygrometers branded "Tycos" will profit by this advertising in seasons to come. We have no desire for retail trade, but this advertising is a part of our plan of co-operation with Manufacturer and Supply Dealer.

To our mutual friends, the users of Incubators, Thermometers and Hygrometers, we have repeatedly written: "You can depend on it that the manufacturer who furnishes "Tycos" instruments is giving you the best that money can buy, regardless of the fact that he can buy cheaper Thermometers, and this principle will hold good in the making as well as the furnishing of his machine."

You will note that our advertising is not "spasmodic" as it will be continued next season in increased volume. Get in touch with us now, before contracting for next season's requirements. The "Tycos" Thermometer will be a feature of popular incubators.

(Main Office)
and Factory)

ROCHESTER, N. Y., U. S. A.

"The Thermometer City"

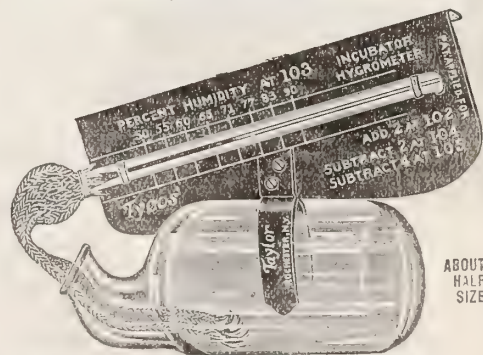
NEW YORK

CHICAGO

Bank of Metropolis Bldg.
Broadway and 16th St.

BOSTON
44 High Street

Heyworth Building
42 Madison St.



ABOUT
HALF
SIZE



CHICK MURDER -HELP US STOP IT

EACH RETURNING SEASON in this land of freedom, of high intelligence and wonderful progress, *millions of eggs* are set and many hundreds of thousands of chicks are hatched, but who can tell us what per cent. of these chickens are raised to maturity?



**CYPHERS CO.'S
CHICK FOOD.**

This 100-pound bag will feed 100 Newly-Hatched Chicks four weeks, or 50 chicks six to seven weeks. Price, \$2.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$3.00.

reduce this frightful loss—and with increased success each season. The *main cause* of the country-wide waste in chick-life is the feeding of wet mash, sour food and guess-work, coarse-grain mixtures. The *absolute remedy* is the use of dry-grain, well-granulated, machinery-mixed chick food composed solely of sound, wholesome grains that are *rightly balanced* to supply every need, every requirement of the growing chick—*bone, sinew, flesh and feathers*.



CYPHERS CO.'S ADAPTABLE HOVER.

Price, Complete with Regulator, Safety Lamp and Tested Thermometer, securely boxed for shipment, \$8.50, f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$9.50.

If the Census

takers for 1910 were to report on this death rate, **ON THIS ENORMOUS NATIONAL LOSS**, the facts would be something appalling. And this great but **NEED-LESS** waste occurs every year of our lives!

For Ten Years

Cyphers Incubator Company has been doing *all in its power* to re-

If Your Chicks, reader, are not *growing rapidly*, if they seem droopy and show signs of diarrhoea—or, *worse still*, if they are dying one after another from some unknown cause, **WE ASK YOU**, in your own best interests, to change your feeding method for a few days—to accept our advice *just once*—advice that is based on *twelve years of actual experience*.

Our Reputation At Less Than \$3.00

Look at it this way: The cost to you of *testing our strong claims*, of learning for yourself whether or not we know *what we are talking about*, whether or not we are reliable and worthy of your confidence—the *total cost to you* of finding this out and at the same time saving your chicks from sour-crop, bowel disorder, leg weakness, diarrhoea and even cholera, is *less than \$3.00!*

Less Than Three Dollars will buy for you *sealed bag* of Cyphers Granulated, Dry-grain, Machinery-mixed Chick Food, which will feed 100 newly-hatched chicks the first four weeks, or will feed fifty chicks six to seven weeks. We repeat, *in your own best interests*, try one sample bag even though you feed it to only a single lot of chicks, *doing so as a test* and our word for it, on the basis of this company's business reputation, *you* never again will go back to the hit-or-miss way that now, throughout the country, is resulting in a *wholesale murder of valuable chicks*.

We Were Pioneers in the manufacture and sale of granulated, dry-grain food for little chicks. Our brand of Chick Food has been in successful use ten years! We sell millions of pounds of it *every season*. Each spring and summer a great number of experienced, successful poultry raisers *use no other grain food* for their small chicks. All chicks produced on the Cyphers Company's \$40,000 poultry farm are fed this food and we grow them every year by the thousands. This, Reader, is what we mean by actual experience! You will at least admit that *we ought to know* what we are talking about.

Consists of Seven Different Grains

Cyphers Chick Food consists of seven different grains, and is a properly-balanced, long-tested, *scientific* ration. It is a *complete food* for young

chicks—no other grain ration being required or advisable. This food is *guaranteed by us* to be composed entirely of sound and wholesome grains—no weed seeds, no by-products, no waste materials, no grit. It is granulated and mixed by special, *patented* machinery, and is always the same—*always reliable*. Cyphers Chick Food—the genuine trade-mark article—is **PUT UP IN SEALED BAGS** to prevent substitution and to protect the interests of thousands of earnest men and women who *year after year* are raising chickens "the Cyphers Company way."

We Ask You, Reader, to try our way, and to do it now, when it will profit you most. One bag will tell the tale. The cost is a mere trifle. It will neither break you nor make us! At today's high prices for sound, sweet, wholesome grain you could not buy the separate ingredients of this food at a lower cost from any local feed dealer. Besides this, there is the *correct formula*, the special machinery, the cost of manufacture, *our guarantee* and the sealed bag for your protection.

Send today for our Special Chick Food Circular just issued.



WYANDOTTE CHICKS RAISED ON CYPHERS CO.'S DRY-GRAIN FOODS.
At 10 weeks old a Pair of these weighed exactly six pounds.

Cyphers Chick Food is sold in 50 and 100 lb. bags. Every sack contains full directions for *correct feeding*. One pound will go as far and *do more good* than two pounds of ordinary, waste-product "chicken feed." It is always *ready to use*—and there is no waste. It *preserves* chick-health—the natural state; it *insures* rapid growth and is equally valuable for hen-hatched and for incubator chicks. For a trial 100-lb. bag, send \$2.50 to any of our places of business except Oakland, Cal., and London, England. (Oakland price per 100-lb. bag is \$3.00.) Order from our place of business nearest you and thus secure low freight rate and quick delivery. Quantity prices mailed on request.



Front of Seal.

CYPHERS INCUBATOR COMPANY

Factory and Home Offices, **BUFFALO, N. Y.**

Branch Stores and Warehouses:

NEW YORK, N. Y.
23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 No. Clark St.

KANSAS CITY, MO.
2325 Broadway.

OAKLAND, CAL.
1569 Broadway.

TEN YEARS TESTED -DON'T TAKE CHANCES

AMONG ALL THE VALUABLE DISCOVERIES made in behalf of poultry-keepers during the last dozen years, *the greatest in vital importance* is the use of dry-grain, evenly-granulated, properly-balanced food for little chicks in place of the raw and "cooked" messes and the coarse-grain, irregular mixtures that were fed to chicks "any old way" *until recent years*, even by well-informed poultry raisers.

Recent Poultry Discoveries

Open-front or curtained houses for adult fowls, thereby doing away with frosty-walls and moisture-soaked, disease-breeding litter was a valuable discovery.

The self-regulating and self-ventilating type of brooding hover without central heat dome, which prevents the chicks from overheating,

from chilling and crowding and from *breathing vitiated air at night*—this also was a long step in advance.

And the introduction of hopper-feeding for adult fowls on range and of *deep-litter feeding* for chicks kept in confinement was an important addition to the practical knowledge of up-to-date poultry keepers.

Greatest in Real Value

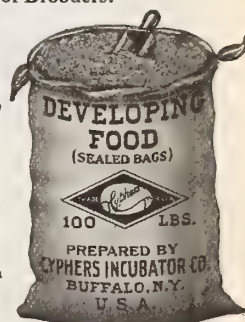
But the discovery of the *great benefits* to be obtained by the use of a dry-grain, well-granulated, properly-balanced, *scientific ration for little chicks*, whether hatched in incubators or by hens, was by long odds *the most valuable*, because of the actual saving it produces for each individual poultry raiser and the *enormous annual waste* it is certain to stop as soon as it is everywhere adopted.

ON THE OPPOSITE PAGE we have made a strong appeal to poultry raisers who "mean business" to *put to the test OUR ADVICE* about the use of dry-grain, evenly-

granulated, correctly-balanced food for little chicks; *on this page* we present as many *sample reports* from pleased and benefited Cyphers Company customers as there is room for.

We also publish herewith a limited number of reports from men and women who are using our World's Challenge, Adaptable Brooding Hovers, and Style B 1910 Three-Apartment Out-door Brooders.

No argument is needed to convince poultry raisers that in order for young chicks to *do well and GROW RAPIDLY*—no matter how fed—they must be kept in safe and comfortable quarters, *especially at night*. The reports here with were unsolicited.



CYPHERS CO.'S "DEVELOPING FOOD."

This is a Medium-Granulated, five-grain *balanced ration* that we advise our customers to feed to Growing Chicks Between the Ages of Six and Twelve Weeks, before they are given whole Grain. Prices, May and June, 1910, \$2.00 per 100-lb. bag, f. o. b. Kansas City and Chicago; \$2.25 per 100-lb. bag Buffalo, Boston and New York City. Oakland Price, \$2.50 per 100 lbs.

Reports From Customers

A. J. LOUIS, Hackley, Wis.:—"We are using your Chick Food and Developing Food and find that it pays to use them."

W. H. MESSICK, Louisville, Ky.:—"Attribute my poultry success to following your directions carefully and using your Chick Food and Developing Food."

J. C. PUNDEFORD, Monmouth Poultry Farms, Freneau, N. J.:—"Like your Chick Food best of any. Tried other brands, but came back to yours as one on which we can depend."

MRS. F. M. BOSTICK, Box 423, Hot Springs, Ark.:—"Have used Cyphers Incubators, Cyphers Brooders and Cyphers Chick Food for six years. My hatches range from 80 to 90 per cent. of fertile eggs. Last year we raised .95 per cent. of all the chicks hatched."

WELLES & RUSSELL, Center Moriches, N. Y.:—"While using your ready-mixed foods for chicks we tried other makes, but returned to the Cyphers brand, finding that we could not equal it in quality or in good results."

FERNWOOD POULTRY YARDS, Ormsby, Pa.:—"Find your Chick Foods the best on market. Used them exclusively for last four years and by their aid we raise big, healthy, robust chickens."

JAS. C. B. READ, Fruitvale, Calif.:—"Tried several brands of local chick foods, then adopted yours exclusively, and am rewarded with the healthiest and strongest chicks I ever raised. Had pullets laying at less than five months old. Cannot speak too highly of your Chick Food and Developing Food."

GEO. BRONS, Jamaica, L. I., N. Y.:—"Bought one of your Outdoor Brooders recently. It is the best I have ever seen. It raised every healthy chick I put into it. I feed your chick food and it is the best ever. It is easy to feed and the chicks grow rapidly."

T. WARREN SUMNER, Elizabeth, N. J.:—"Your Outdoor Brooders give remarkable satisfaction. Have little difficulty in raising 90 per cent. of the chicks I place in them. Am using your Chick Food exclusively, excepting an occasional feed of rolled oats. Practically all my prize birds last year were raised this way."

MR. and MRS. P. MARTINES EST, Rocky Hill Farm, Rehoboth, Mass.:—"We installed four of your Cyphers Adaptable Hovers with fine success and six more will be installed this week. Have decided to use Cyphers Company goods exclusively and will send you another order soon."

REV. GEO. F. BAKER, Hunterstown, Pa.:—"About a year ago I purchased from you one of your Style B Outdoor Brooders, also several hundred pounds of chick food, beef scrap, etc. Found everything very satisfactory and am recommending your goods to all interested persons."



Pair of Fowls Fed on Cyphers Co.'s
Dry-Grain Foods.

Pair of Fowls Fed Same Length of
Time Ordinary Way.

TRIED 72, THEN BOUGHT 100

R. P. ELLIS, Proprietor Aurora Leghorn Farm, Brooklyn, N. Y., and founder of the Aurora System of Branch Farms, for the season of 1908-1909, bought 72 Cyphers Adaptable Hovers, and early in March, 1910, placed his order with us for 100 more. March 31st, 1910. Mr. Ellis wrote us:

"A long and diligent search has convinced us that you have produced in the Cyphers all-metal Adaptable Hover the finest brooding device thus far given to the poultry world. The essentials of a brooding system for a commercial plant are: (1) Efficiency, (2) Convenience, (3) Safety, (4) Economy, (5) Durability. These your hover meets better than anything I know of. Our home farm and a majority of the branch farms are using your Adaptable Hovers and they are giving complete satisfaction. Yours very truly,

R. P. ELLIS."



Back of Seal

E. D. ALLEN, West Brookfield, Mass.:—"Have fixed up a box and attached to it one of your Adaptable Hovers. I like it very much. One of my neighbors saw mine and has sent for one like it."

WM. H. MECHINEL, Aberdeen, Md.:—"Am using your insurable Adaptable Hovers in my colony houses and find them economical and very satisfactory."



CYPHERS CO.'S MOST POPULAR BROODER

Style B 1910 Three-Apartment Combined Outdoor Brooder and Colony Roosting Coop. Many Thousands in Use. Price \$16.50, f. o. b. all points, except Oakland. Price f. o. b. Oakland, \$17.50.

FOR LATEST 160-PAGE INCUBATOR, BROODER AND POULTRY SUPPLY CATALOGUE,

Also recent Special Circulars (April 15th, 1910, editions), address Home Offices or nearest Branch House. Free, if you mention this paper.

CYPHERS INCUBATOR COMPANY

Factory and Home Offices, BUFFALO, N. Y.

Branch Stores and Warehouses: NEW YORK, N. Y. 23 Barclay St. BOSTON, MASS. 12-14 Canal St. CHICAGO, ILL. 340-344 No. Clark St. KANSAS CITY, MO. 2325 Broadway. OAKLAND, CAL. 1569 Broadway.

remain all day on the roost and when forced to fly down they will fall. Seem to be weak in the legs. Will stand with head drawn down. Have a thin white discharge. In four or five days will fall back on their haunches with their legs sticking out in front. They will live from a week to four weeks. Some of them will eat to the very last, even after they cannot stand up, while others will not eat from the first. The comb will remain red, but after a few days turns a blacker red.

Payette, Idaho.

W. W.

chlorate of potash in the drinking water. Feed boiled barley and rice with warm milk and bread for two or three weeks.

Question.—(1) If different breeds are mixed and then separated, how long will it take before the eggs are fertile and in good condition for hatching pure blood chicks? (2) How much is a S. C. White Leghorn cock worth that scored 93?

J. L.

Princeton, Ill.

Answer.—(1) This depends on whether

A CORRECTION.

On page 566 of our April issue appeared a half tone illustration of Rose Comb Rhode Island Red female and through error the description read Single Comb. Of course most of our readers knew this was an error, as they know Simmons & Crittenden, Geneva, O., do not breed Single Comb R. I. Reds. The bird mentioned was first prize Rose Comb Rhode Island Red hen at the late Buffalo show; also winner of second at Youngstown, Ohio, this year.



BUFF PLYMOUTH ROCK COCK.

The Buff Plymouth Rocks at the great Missouri State Poultry Show held at St. Louis, Mo., December, 1909, formed one of the strongest and best classes ever brought together in the West. Mr. W. S. Robison, Payette, Mo., was the fortunate winner of first on pen and we show here the portrait of the grand male heading the pen. He was an excellent type of bird with plenty of good qualities that stamp him as a desirable breeder. Mated to him were four evenly matched females, and together they made a fine appearance and reflected much credit on their owner as a breeder and exhibitor of high quality Buff Plymouth Rocks.—A. O. Schilling.

Answer.—The trouble was enteritis, which is usually caused by the fowls being kept in a filthy condition. Treatment: Give salad oil to remove irritating matter. Follow this with mucilaginous liquids, such as tepid barley water, arrowroot, milk and isinglass. Keep the bird on an ample and very soft bed. When convalescing give

they are old or young stock. If old stock, about ten days or two weeks. If young stock, they are liable to always show the effects of the mixture. (2) This would depend on his breeding qualities. He might be worth more than the score would indicate, or he might be worth less. Five dollars would probably be a fair price for him.



Do not forget that one year's subscription to American Poultry Journal, Western Poultry Journal and Farm Poultry can be had by sending in 75 cents to American Poultry Journal, 358 Dearborn street, Chicago.

The breeder who succeeds is the one who tries.

Eggs or Day-Old Chix : Buff, Black and White Orpingtons

MADISON SQUARE, INDIANAPOLIS, CLEVELAND AND CINCINNATI 1st PRIZE WINNERS

All infertile eggs and dead chicks replaced. Send today for 1910 catalogue, fully illustrated with photos, etc.


WILL H. SCHADT : : : : BOX 6, GOSHEN, INDIANA

IT IS "NEVER TOO LATE TO MEND"



Are you satisfied with present results? Can you hatch 90 per cent of all eggs used? Remember your best and early layers are now laying weaker eggs. You lose if you use them for hatching. Have you not, already, lost two dollars both in eggs and chicks many times over? 17.00 now in use. The best layers are hatched from eggs testing "xx" and "xx." The 1910 International Silver Trophy was won by those hatched from eggs selected by the Magic Egg Tester. 60-day trial allowed and money returned if not satisfied. By mail, complete, \$2. Rush orders sent on first mail.

Bridgeport, Conn. Magic Egg Tester Works, Department B Buffalo, New York



From the \$8 Setting of Eggs

I bought of you last spring, I reared eight chickens to maturity, four cockerels and four pullets. I exhibited at a few shows and never failed to WIN THE BLUE. Two of the cockerels scored 94½ and one of the pullets scored 95½, and none of them went below 94 points. This surely proves the quality you send out in your eggs for hatching.

Cambridge, Jan. 18, 1910.

Respectfully,

Martin E. Johnson.

\$290 Worth of White Plymouth Rocks

were reared from this one setting of eggs. Many others did as well, some even better than Mr. Johnson, and there is no reason why this season those who buy our eggs cannot do even better, for our matings are far superior to those of last season. If you will stop for a moment and consider the matter you will see that when buying eggs for hatching it pays to go to the fountain head of the White Rocks where you can secure blood lines no other breeder can give you. Our prices for eggs remain the same, viz.:

**\$8 per 15; \$15 per 30;
\$25 per 60**

You ask how we can afford to sell them so cheap? We say we want to give our customers more than value for their money.

U. R. Fishel Pleases His Customers

is a household word wherever anything is known about poultry. I have a lot of very choice cockerels yet to sell; splendid fellows. In fact, anything you want in White Rocks we can supply you. Send two dimes for 56-page catalog, the best ever issued.

U. R. Fishel, Box A, Hope, Ind.

Hints for the Month

Written for American Poultry Journal by Percy A. Cook, Scotch Plains, N. J.

Now that the grass is green it is very liable to give the birds bad diarrhœa, as they nearly always eat too much at first; if birds have had lots of green food during the winter they are not so liable to be affected. I would hardly recommend the birds shut up and only let out for a short time. I think the better way is to let them eat all they can, but use a preventive for the diarrhœa; chalk is one of the best things, either powdered or in blocks, as the birds will peek at it. It should only affect the birds about a week to ten days; they will then get used to it. If birds are in runs without grass, try and give fresh cut lawn grass. This will keep up and increase the egg yield and also the fertility.

Much is written regarding the chicks dying in the shell, and we see advertised remedies for the same, but when one reads about them they are nothing. I recommend, for prevention of chicks dying in the shell, the following, but some will still die in the shell, and no one can prevent them. See that all the fowls are free from lice, give plenty of green food, don't overcrowd; do not have the sleeping house warm, and give eggs, whether under hens or in incubator,

plenty of moisture. If all of these are observed, and fresh eggs are used, there will be a minimum of chicks die in the shell. Regarding the age of eggs for hatching purposes, of course the more fresh the eggs the better, but the limit one can keep them and still have good results I have found to be three weeks for hens and ten days for an incubator. I would guarantee results from eggs this age, but not longer.

As the season advances, so eggs are more liable to run a little off in shape. This is usually caused through the oviduct being overworked and sometimes the hens too fat. An egg that has a rough shell is O. K. to hatch, but those with a heavy ridge around I would not recommend, as deformed chicks are liable to be the result.

May is the best month usually for raising chicks here and in most of the middle states. I mean that they grow faster during this month. If you have a hen that is brooding her chicks, have a board floor in the coop. Some people use the earth or grass for the floor; if this is done and heavy rains come, the chicks will have to be moved into a house. Always

have plenty of soft material on the bottom of the coop or brooder.

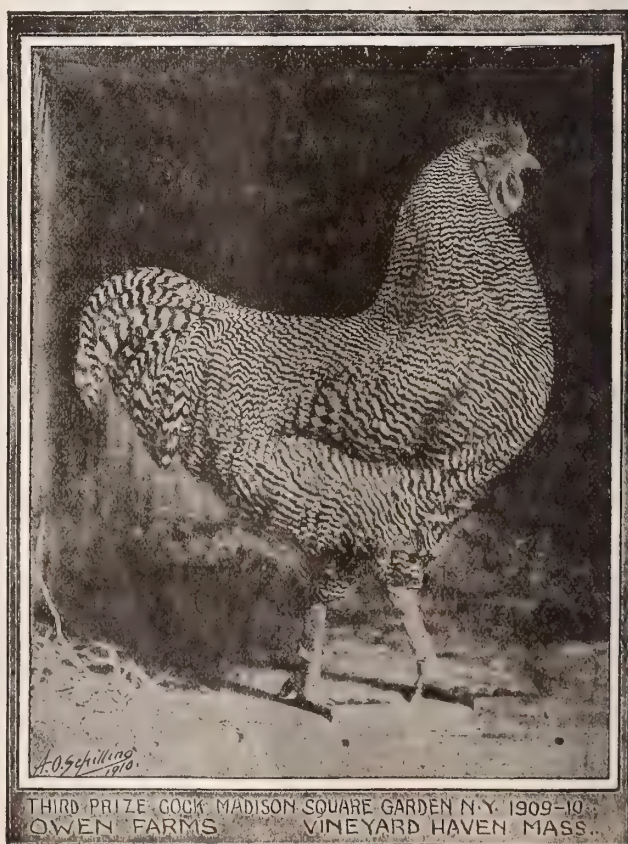
If incubators are run in an outhouse, and not in a cellar, they should be looked at several times a day, now the weather is getting warmer, and the wick should be turned lower. I prefer to run an incubator by the lamp than by the damper as long as this is somewhere near right. Several times in the course of the hatching season incubators should be taken out of doors and given a good scrubbing out and also airing.

At this time of the year one often sees the back of the hens getting bare, and some people think there is something wrong with them. This is caused by the male bird, as the season increases, so it is easier for the feathers to come out, when a bird gets very bare, it is well to look at the hens, as sometimes the spurs or the claws, if sharp, will cut into the side of the hen and open them up. This is, of course, aggravated every time copulation takes place, and then the dirt from the rooster's feet getting in, mortification will soon set in. When a bird is found in this condition, isolate at once; wash with a strong antiseptic, taking away any dead flesh, and grease with carbolized vaseline or iodoform; attend to this daily. If the bird has a fever, give half a teaspoonful of Epsom salts in six of warm water. Spurs, if too sharp, should be cut and filed round at the ends. On fine days open up the brooders.

The greatest trouble usually found in raising young chicks is worms in the intestines. These kill more chicks than any other thing. The sure preventive, and also cure, is "Cook's Roup and Worm Powder." I mention this, as I have tried this and have never had a case of



First prize White Orpington hen, Chicago, 1909. Bred and owned by Goodes & Palmer, Marcellus, Mich.



THIRD PRIZE COCK MADISON SQUARE GARDEN N.Y. 1909-10.
OWEN FARMS VINEYARD HAVEN MASS.

The money-making possibilities of the Lullaby Brooder

REG. U.S. PAT. OFF.

And here are the possibilities for any back yard

AN "EYESORE" WITHOUT INCOME

Hover-breaking second and third days

NOW ATTRACTIVE AND PAYS THE RENT

After third day when chicks have run of pen or house

In operation first day

Enlarged to take care of growing youngsters

The real object of this advertisement is to extend a helping hand to YOU who are interested in poultry.

Whether you are rearing chicks on the farm, or are one of the thousands that are taking advantage of the opportunities of the back yard (as the owner of the above lot has done), you cannot afford to let another day pass without the Lullaby Brooder.

Any poultryman whoever saw or used will tell you that it is the most practical, safe and economical way of raising one dozen or one thousand chicks, yet it costs only one-tenth the price of the old kind.

A Word to the Wife is sufficient

Only \$1.50 Delivered

Don't doubt—don't hesitate—don't say a good brooder cannot be built for only \$1.50—try it for one brood—then if you don't say it is the best ever, tell us so and we will refund your money.

Send us the name of your poultry supply dealer and get our 1910 Poultry Almanac free

Worth \$1. Not only does it describe this wonderful Brooder in detail, but it tells how to make your hens "Lay or Bust", how to house, feed and rear your layers—how to market eggs for best prices, and gives expert advice on every detail of poultry raising.

SPECIAL NOTICE—We are making every effort to obtain dealers in your vicinity to carry our line. If YOURS cannot supply the feed mentioned in this advertisement we will give you SPECIAL PRICES (to make up for freight rates) in five-bag lots or more. These five bags may be one of each kind of feed if desired. Write today for samples and special prices.

The Park & Pollard Co.
GRITLESS-CHICK FEED
CONTAINS MEAT

The Park & Pollard Co.
Canal Market & Friend Sts.
BOSTON, MASS.

\$250 Per 100 Lbs.

The Park & Pollard Co.
GROWING FEED

The Park & Pollard Co.
Canal Market & Friend Sts.
BOSTON, MASS.

225 Per 100 Lbs.

The return will be many dollars

BLUE RIBBON SCRAP PER 100 LBS 60 to 80 PERCENT PROTEIN

The Park & Pollard Co.
BLUE RIBBON MEAT SCRAP

The Park & Pollard Co.
Canal Market & Friend Sts.
BOSTON, MASS.

LAY OR

THE PARK & POLLARD CO.
LAY OR BUST

\$225

THE PARK & POLLARD CO.
DRY MASH FEED
MAKES THEM LAY OR BUST

The Park & Pollard Co.
Canal Market & Friend Sts.
BOSTON, MASS.

BUST

THE PARK & POLLARD CO.
BUST

225 Per 100 Lbs.

No. Yard House \$29.00 Delivered

For the investment of a few cents

THE PARK & POLLARD CO.
30 Canal and 139 Friend Sts. Boston, Mass.

Eggs for Hatching From Fogg's - - - S. C. W. Leghorns

are the kind that will hatch you WINNERS and HEAVY LAYERS. My matings this season contain the best birds in this country. 1910 mating list ready now. If you want eggs in single setting or thousand lots, it will pay you to send for it. If you are interested in the best in S. C. White Leghorns, send for mating list and catalog now. Get your order in early. : : :

N. V. FOGG : Box R : MT. STERLING, KY.

Barred Rock Eggs

If you want eggs that will hatch a good percentage of prize winners, at reasonable prices, I can supply your wants. The birds in my pens are the very cream of the country and have a great show record behind them. I guarantee satisfaction. Send for my new up-to-date catalogue. Please mention American Poultry Journal when writing. : : :

William H. Hoover : Route 2, Bx 4 : Polo, Illinois

BUFF PLYMOUTH ROCKS

The Nuggets lead the world—always did and will, and are recognized as champions of America. Our cock, NUGGET, JR., and pullet MISS NUGGET, easily ran away with the BLUE RIBBONS at the late Madison Square Garden Show, N. Y., 1910. Is this not sufficient proof that the NUGGETS are superior to all others?

If you want EGGS from the proven best come to headquarters. We have furnished Madison Square Garden winners for years. Our business is raising Buff Rocks for the Big Shows, helping others to win, and if you want eggs from PROVEN BREEDERS—from the strain that has a record with them from start to finish. Give us a trial and be convinced that we can sell you EGGS or BIRDS that will do you good. EGGS \$2.50, \$3, \$5, \$7, \$10 per 15. Eggs from NUGGET, JR. mating, containing first, second and third prize Madison Square Garden females, \$10 per 15.

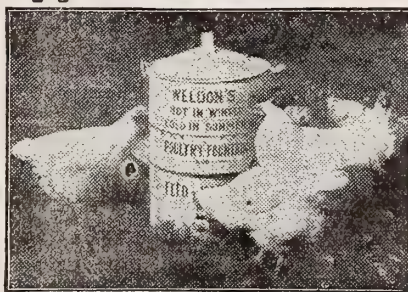
The Nugget Poultry Farm, C. L. Pensyl, Prop., Box A, Bloomsburg, Pa.

Raise 30 Per Cent More Chicks

THIS you will surely do if they are properly fed and watered. Improper feeding and impure water causes the death of more young chicks than anything else, and every chick you lose increases your cost of production just that much more.

Weldon's Hopper Feeder

is the only one which allows the fowls to feed as nature intended—that is, little and often and as appetite dictates. There is no possibility as there is with other hoppers, for the strong to crowd away the weak and no opportunity for the greedy fowl to gorge itself to its own undoing. There are holes in the side of the hopper just large enough to allow the grain to go through without flowing. These holes are made smaller by a metal band which slides up and down. The grain must be picked from these holes by the fowl. Everyone shares alike. Dropping grain is caught in the trough. None is wasted.



WELDON'S POULTRY FOUNTAIN keeps the water pure and at just the proper temperature. Our FREE BOOK gives the experience of successful poultrymen with this wonderful invention. Ask for it.

Try One or Both, Ten Days at Our Risk

Our valuable book—sent FREE for the asking—gives results from experiments so remarkable that every poultry raiser will want to make them for himself. To make this easy we will send either the fountain or Combination Outfit for 10 days' use at our risk; without the slightest obligation to keep it unless you choose. Say when you write whether you would like to try the outfit or read the book first. Be sure to answer this advertisement as trial outfits must be sent out in the order requests are received. All the best poultry houses carry it.

Andrews Wire & Iron Works
S. C. R. I. Red : : Rockford, Illinois

worms and never know it fail to cure. Birds that are inbred are more subject to worms than others. A bird suffering from them is easily picked out from the rest. They stand in a heap; their beaks look too large for their heads, which they are, as when affected the beak grows and the head does not; then the chicks are very pale, hollow-eyed, do a great deal of chirping, and from weakness the ends of their wings hang low down; feathers and fluff usually have a ruffled appearance. Epsom salts should be given, as well as the powder. Percy A. Cook.

MATING BUFF ORPINGTONS.

THE matings of Buff Orpingtons for this season's yards is not a problem of a day or a week.

It is the labor of former years of the most careful development of a strain of birds whose blood lines properly nich for permanent perfect color and uniform size and type.

No real and permanent success can be ordinarily obtained by the mixing of many strains, even if the birds



S. C. R. I. RED.

First hen at Indianapolis and Dowagiac, 1909, and Jackson and Kalamazoo, 1910. Property of Valley Poultry Farm, Galesburg, Mich.

mated are all prize winners. The real foundation work takes years to build up, and proper mating is only the superstructure upon that foundation. Therefore these remarks are largely intended for those careful and competent breeders who have been patiently developing a good strain of birds whose blood lines, vigor, type, size, color and laying ability are known and tested.

My first rule is to set aside all birds with disqualifications under the Standard of Perfection.

My second rule is to make a careful study of my females and only keep the early laying pullets and the big, typey hens which continue to lay through two seasons.

The third rule I follow in rating is to cull out of my flock every bird, no matter how fine its fancy points may be, which is not possessed of abundant vigor.

Never under any circumstances breed a sickly bird or a weakling, or even a delicate one that has to be babied. Healthy, hustling, busy hens, the heavy laying kind, and big, strong, typey males are the only ones to use in special matings. Individual

weakness and disqualifications are transmitted, and if a weak male or female is used you are only breeding trouble into your flock, and it may take you many years in the future to eradicate it. In picking your breeders, therefore, look for health, strength and vigor in every bird of both sexes.

My next rule is to discard small, undersized birds, no matter how elegant their plumage. It is easier to breed small, sound colored birds than those of standard size and type. Most of the breeders of Buff Orpingtons have gone back a long way and lost Orpington size and type. This is the result of small birds in the matings, improper care in breeding, imperfect incubation, or brooding, the using of too many pullets or other causes. Small sized birds only keep a breeder down, and he deludes himself usually in hoping next year's chicks will come to standard size and type. In nine chances out of ten they will come small again as usual. Why not? Can you expect them to be different from their parents? No, the law of nature is "like begets like," and the Buff Orpington breeder must work under that law and not outside of it or contrary to it. If you want size and expect to get it with uniformity you must start to breed from birds that have size and correct type under normal conditions. By normal condition, I don't mean after a bird has been taken up and stuffed to put on weight, or when it is fitted for a show, but I mean in its natural state when laying. This means a big Orpington frame, good, big, stout bones and wide, long back with prominent breast. If a breeder hasn't vigorous stock in the first place and big standard weight birds in the second place he had better begin over again right away if he has to start with only three birds. If in reading this article you realize you have lost ground in the vigor, the size and the type of your flock, be honest with yourself and face the music today. Cut off your loss while it is small. Run to meet your coming failure by forestalling it and cull right down to the bone. The worst fooled man is the one who fools himself, the one who sees a wrong, a fault, or im-ending loss, and refuses to correct it. Don't be a sucker and stay in that class. In our experience we wasted our entire first and sec-

ond breeding years with Buffs. When we woke up finally we cut out every bird in the flock and began all over again from the bottom, with the result now that we have 13 prize males in our yards all up to or above standard weight except one, and 60 prize winning females, every one of which is up to or above standard weight, and we

11½ years later to keep on improving size and type in our flock.

Size and type are what designate the breed and it is color that distinguishes the variety; therefore size and type are more essential than color. In mating these rules laid down are the most important of all. In a score card



A bunch of 116 young White Wyandottes to be seen at the present time on the poultry farm of J. C. Fishel & Son, Hope, Ind.

believe the best flock of Buff Orpingtons in the United States today. It cost us many a sickening hour, the loss of many a dollar and a lot of courage to take the heroic action we did of cleaning out an entire flock, but it paid, and paid big. We now are breeding an imported cock, weighing 12 pounds and 13 ounces and a cockerel weighing

show you must of necessity have standard size if you expect to win. A cut of two points for one pound shortage in weight will put most any bird out of the running for the blue. Mr. Breeder, wake up to these rules if you want to succeed and don't go to sleep on your hopes and expectations.

Color is what most of the breeders

SINGLE AND ROSE COMB REDS

WINNERS AT YOUNGSTOWN AND CLEVELAND. At the late Cleveland show, on Rose and Single Combs, I won 6 firsts, 4 thirds, 2 fourths, 2 fifths, A. P. A. silver medal for best chl. in Asiatic, Am., Med. and Eng. classes. From my best pen, containing my choicest prize winners, eggs are \$10 and \$15 per setting; other good pens, \$3 and \$5. Stock yet for sale. White Orpingtons: At Cleveland I won 1 chl., 3 pens. Eggs from these winners, \$10 and \$15. Order now.

Some good R. and S. C. Red cockerels to spare: Also White Orpington cockerels

W. Etzensperger

Willoughby, Ohio

PARTRIDGE PLYMOUTH ROCKS

Sixteen grand pens mated for eggs, best matings ever made. Sixteen of these, the most beautiful and greatest utility fowl ever produced. This variety is the best investment that can be made in poultry or eggs. Get them NOW and get in on the ground floor and be able to participate in the fancy prices. Send to the fountain head. Send for book, "Origin and History, Together with Standard and Description of Best Matings Ever Made."

S. A. Noftzger

Originator of
Partridge Plymouth Rocks

North Manchester, Ind.

Buff Rocks, Buff Wyandottes. Buff Orpingtons

Winners at the largest shows, including Chicago, St. Louis, Evansville, Cleveland and Berea. Stock sent on approval, score cards furnished. Eggs, \$2.50 and \$3 per 15. Write for mating list.

Fred A. Poertner - **Buff Specialist** - **Berea, Ohio**

Russell Farm White Wyandottes

WINNERS AT GUELPH, TORONTO, BOSTON AND OTTAWA

This season at above shows they won seven first prizes out of a possible 16 competed for in the best and largest classes ever seen with over 700 birds competing. **FOR SALE:** Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write me your wants.

Joseph Russell, Proprietor : 1308 Queen Street East : Toronto, Ontario, Canada

Single Comb White Leghorns and White Wyandottes---2000 Breeders

EGGS FOR HATCHING NOW READY from the finest stock I ever owned at \$5 per 100; \$50 per 1,000. No order too large. Baby chicks (Leghorns) \$10 per 100; (White Wyandottes) \$15 per 100. 20,000 hatched for spring delivery. Get your orders in early. Fourth edition of my book,

"PROFITS IN POULTRY KEEPING SOLVED"

just off the press, 25,000 copies, now reduced from \$5 to \$1 per copy, containing all my latest secrets. My great feed at 11 cents per bushel will make any plant pay. Do you expect to raise 95 per cent of all chicks hatched this season? If not, get my book and learn how. Send today for free circulars and testimonials. Address

Edgar Briggs **Box A** **Pleasant Valley, New York**

SPECIAL

EGGS HALF PRICE

We have a great bred-to-lay-and-win strain of Barred Rocks and Buff Orpingtons, and we guarantee satisfaction or return your money. Write today for full particulars.

F. Gage Cutler, R. F. D. 13, Carthage, Ill.

Pine Grove Poultry Farm Col. Wyandottes at Boston, '09

Won fourth and sixth cock, third and fourth hen, third cockerel, first and second pullet, silver cup for best display, special for best cock and four hens, special for best cockerel and four pullets, special for best shape female, special for best colored female, special for best pullet and special for best female. Twenty-five extra good cockerels for sale. Ten grand pens mated for the egg trade. Eggs for hatching, \$5, \$3 and \$2 per fifteen. Send for mating sheet.

William Hunt, Prop., Box R, North Middleboro, Mass.

CARTER'S BARRED ROCKS

Excelsior Strain

Carter's Excelsior Barred Rocks lead in the combination of show-room qualities and practical results. The males and females in my breeding pens this season will score 91-93½. They are mated to produce high-class exhibition birds. In selecting my breeders have chosen vigorous stock whose chicks will live and grow rapidly. For the egg trade I have four pens mated to produce Exhibition Pullets of the right color, shape and size. Also three pens mated to produce high-class Exhibition Cockerels. When desired, will divide and fill egg orders part from each mating. One sitting, \$4; two, \$7; three, \$9. A few choice cockerels for sale. Extra values at \$6 to \$15 each. Some cracker-jacks pullet bred.

T. J. Carter **Box Z** **Jonesdale, Wisconsin**

put 90 per cent of their time on. Color is only a secondary consideration, the first one being that you must start with an Orpington body, one radically different from a Plymouth Rock or Wyandotte. After you have the body then put on the feathers. There is a great diversion of opinion as to what Golden Buff color is. This question can easily be settled by breeders in the city at a small expense. I suggest the following example or test. Secure a small piece of polished copper, also one of polished brass, also of light gold, nearly pure of at least 14 karat fine. Take these three out into your pens and put them along side of a bird you think has the right color. Then, and not until then, will the ordinary breeder find out what golden buff means. Many inexperienced breeders who do not frequent the big shows prefer the polished copper color. It is too dark, or too strong. The polished brass, if of the proper foundry mixture, and the polished gold are the right color.

In order to get this light, exhibition, golden buff in chicks you must have it to start with in the parent birds. It is very hard to get light color out of



First prize R. C. R. I. Red cock at Omaha, 1909. Bred and owned by Anna M. Lembke, Griswold, Iowa.

dark birds. The rule we usually follow in our pens in mating for color is to match the back and wings of the female with the breast color of the male. Never forget that rule. It will save you years of time and develop for you many a prize winner. The promiscuous mating of dark and light birds only breeds confusion in color, mottled backs, red wing bows, shafting and edging of feathers. You will never get to the front until you learn that rule by heart and practice it year by year.

Another rule to remember is that size and type come from the female and color from the male. This rule is also a pretty safe one in general to follow. From this it follows that the male is half the pen and has a predominating influence in fixing the color. Therefore a good male bird is an absolute necessity to success. In comprehending this important fact, don't lose sight, however, of the female. She is the other half, and equally as important. Every chick can only have one mother, so she is as important to that chick as the male. In selecting a male of the proper color, never pick out one with positive white and black in the same bird. Either might be tolerated, but not both in the same bird. These

extremes of color are too hard to breed out of the chicks. In your special pens also be careful to avoid poor hackles, poor back and saddle color, poor tail color. Select birds evenly balanced. The next important section is the head. Select birds with large red eyes. The pearl or light eye is a most serious defect. Cut out those birds with bad eyes. They creep into your flock very easily and will soon ruin it unless extreme care is exercised. The comb is very important. Get a male with a good comb and eye. If his comb lops over or turns at the back, or is too high, mate him with females whose combs are low, straight and wide where they join onto the head. This will likely eliminate this defect to a large degree. In selecting birds for special matings, be sure and keep those with wide backs and saddles. Wide saddles form the foundation for a wide, low tail, usually well carried. Avoid the pinched tailed birds. Such usually carry them too high and breed males inclined to be squirrel tailed. Never use a male with a tail carried too high. Look out for the long legged males and pass them up. Keep a sharp eye out for those birds with the big, prominent, square breasts, wide bodies and short legs. Those are the kind to save. It is a general rule to supplement the weaknesses of the male by the extra strength of the female in whatever sections they show deficiency. Big legs usually go with big bone, frame and size. Match up your birds so that they equalize each other in all sections. The goal to be won is the development of the ideal bird. This ideal is like a composite ideal picture. We must take and breed the perfect points of one into the perfect points of another, and thus year by year build up toward perfection. In order to make any real progress to this ideal bird, one must know accurately the weak and strong points of his birds and so mate them as to breed out the weaknesses and intensify and perpetuate the sections already developed.

Proper mating is the cap stone to success in the show room. It is the rock which wrecks most breeding enterprises in fancy poultry. It is not very difficult to master if one mixes a little brains with common sense, with the ex-

perience of others who have preceded him, and with a critical, accurate knowledge of his own birds.

A trio of birds properly mated is worth 25 mixed up haphazard. In your efforts don't dwell too much on quantity. Your first endeavor should be for quality. Quality wins at the shows, quality brings prices from \$5 to \$500.

in your special pens only birds of the highest type. We only get to the front by being severe, exacting and almost heartless in culling out birds with minor defects. It pays. You can't succeed unless you practice it. Most any active, energetic person who likes chickens can succeed as a fancier if you start with good birds or eggs, bring the



S. C. WHITE ORPINGTON.

First prize cockerel at the late Cleveland show. One hundred dollars refused for him. Bred and owned by W. Etzensperger, Willoughby, Ohio.

Quality means profit and success. Quantity only means frequent trips to the butcher's shop and about the cost of production.

Most fanciers get into serious trouble by failing to cull close enough. Keep

chicks along to standard size and type and practice proper culling and mating. You are bound to succeed, to win your share of prizes and make money.

John C. Willard,

Linden, Mich.

BUSCHMANN'S NON-FADING R. C. R. I. REDS

Birds or quality—Eggs in quantity. At Chicago, Cincinnati, Indianapolis, Kansas City, and Indiana and Illinois State Fairs, the six largest exhibits in the Mid-West during 1909-10, the total prizes I won were DOUBLE that of all others won by R. C. Rhode Island Red breeders. Five grand cock birds took five first prizes at Chicago, Cincinnati, Kansas City, Indianapolis and Springfield, Illinois. Such a record has never before been equaled. At Chicago I was the only exhibitor winning in every class, also won specials. Twelve grand pens for 1910. Eggs from \$3 to \$30 per 15. My book, "Origin and History of R. I. Reds—How to Breed, Mate and Judge Them;" also "How to Line Breed," etc., all for 20 cents. Non-Fading Rose Comb Rhode Island Reds. Address

C. L. Buschmann, 4939 North Meridian Street, Indianapolis, Indiana



NOW IS THE TIME FOR

The Norwich Automatic Exerciser and Feeder

for growing stock and the fowls on range. Fill the hopper, and stand the machine in the shade. See that they have water and then go, attend your business. The machine will take better care of the stock than you possibly could. Saves nearly 25 per cent of the actual costs of feeding. Is positively rat and bird proof, rust proof and dust proof, and delivers only fresh, clean grain in just such quantities as you desire. Chicks will grow faster, mature quicker, and be stronger and healthier if fed and exercised by

The Norwich Automatic Exerciser and Feeder

while your waste is eliminated and the labor reduced to filling the hoppers when empty. It will cost you nothing to prove our claims. We guarantee them.

Norwich Automatic Feeder Co.
20 Water Street : : : Norwich, Connecticut





CRUSADER III, a Boston Winner

Martin's Regals

Are the Finest Type of Modern

WHITE WYANDOTTES

The leading judges have pronounced Regal type to be the proper type. Some of the most successful breeders of W. Wyandottes in the U. S. owe their success to foundation stock and eggs purchased from me. My winning of 21 out of 24 blue ribbons at the N. Y. State Fair, 1906-7-8-9, is a record that will probably never be equalled. My mating list for 1910 gives a complete description of my fifteen exhibition pens. They are headed by 1st prize winners at New York, Boston, Syracuse, Guelph and Toronto and contain all my exhibition females. Send for a copy of mating list; it is free. Price of eggs from these fifteen pens, \$5 per 15, \$9 per 30, \$12 per 45, \$24 per 100.

JOHN S. MARTIN

BOX 51, PORT DOVER, CANADA

CRITICAL COMMENTING, WISE AND OTHERWISE.

Dr. H. F. Ballard,

THE editor speaks of "The woeful lack of articles for the beginner on the varieties of fowls."

It seems to me that one of the most discouraging things the beginner sees is the long winded articles on big poultry plants around over the country. I do not remember ever to have seen an article for the amateur but what advised him to begin on a small scale. Then the next thing he sees is about six or eight double column pages on Mr. Up-to-Date's big plant that cost several thousand dollars. Now, Mr. Amateur, if he has the money, or can beg or borrow it somewhere, proceeds to try to begin to start to proceed to make a plant just like it in about three weeks. He falls down over himself, of course, and the chicken fever leaves him "never to return no more." There is not one person in ten thousand who has the time, money, brains and nerve to start and successfully carry on a ten thousand dollar nor even a one thou-

Poultry Books At a Cut Price

A complete list of poultry books that everyone interested in poultry should have. This list is made up with the idea of supplying the wants of all poultrymen, and covers about every phase of the industry; in fact this list of books make almost a complete poultry library, and by taking them all at the cut price you will be well equipped to make a success of this business. The books in this list tell you how to line breed, how to feed for egg production, how to reduce your feed bill, how to mate to produce exhibition birds, how to prevent and cure diseases, how to mix a balanced ration, how to build poultry houses, poultry appliances, etc. Following is the list:

	REGULAR PRICE
Origin and History of All Breeds of Poultry, illustrated in colors	\$1.00
Successful Poultry Culture	1.00
Why Poultry Pays and How to Make It Pay50
Diseases of Poultry50
How to Build Poultry Houses50
American Poultry Journal Hand Book15
Total	\$3.65

CUT PRICE FOR THE SIX **\$2.40**

This is a saving to you of one-third from the regular price. Better order now before the price is advanced. Send all orders to :: :: :: :: :: ::

American Poultry Journal Publishing Co.
358 DEARBORN STREET :: :: CHICAGO, ILLINOIS



BLACK ORPINGTON.

First prize hen in three prominent shows. Weight, 11½ pounds. Score, 96¼. Owned by Valley Poultry Farm, Galesburg, Mich.

sand dollar poultry plant. Ninety-nine out of one hundred successful poultry men began on a small scale—less than one hundred dollars. Write to some of them and see if this is not so.

I wonder when the managers are going to let up on the size of the American Poultry Journal. "We chicken fellers" have to work overtime now to read one-half of it.

I was much amused at the answer given one of your correspondents in the question and answer department, where you say, "A 94 point pullet may be worth \$100 or she may be worth only \$5." It certainly shows the necessity of our judges getting together on the scoring business. A 94 point Buff Plymouth Rock pullet would be worth from \$10 to \$15, if I scored her myself; but I would not like to put a price on another judge's score; I should want to see the bird.

Just the same, Mrs. Scott's two White Wyandotte hens killed twenty-five chicks for me—not their own brood of course—and I had them now they would be worth \$75 to \$100. Cochin

hens right along on the same line of coops did not kill a chicken.

And to Mr. Zimmer I would say, where are we going to get the million dollars to do it with? I could do several things with \$900,000 which my present financial circumstances prevent.

The longer I live the more I am convinced that there is more "in the feed than in the breed." Long winded articles, written to prove that some up-to-date variety is a hundred per cent better than some old stand-by, is all lost on me. I believe I can take almost any variety in the standard and make either a layer or a setter out of it in a few years, according to the way it is fed and managed.

Mr. Percy W. Cook tells how to go to a good deal of trouble to make a spe-

fectly cold; she had flown out of a window five feet from the floor. A Cochon hen would never think of doing such a thing. No Rocks for me; nor Wyandottes either. Plenty of eggs and plenty of setting hens, that is what I have with my Cochins, and when a hen sets she attends strictly to business. When she is through I give all the chicks from two or three hens to one and break up the others in three days without any trouble at all.

Some people seem to have queer ways of attracting the attention of buyers in their advertisements. One begins, "Just What You Want." I begin to read and find that he is breeding a variety that I do not want, so I stop short off. Another says, "Here Is Your Chance, etc., etc." Reads too much like a patent medicine ad. Another starts out with, "I Want to Say to You." Well, why don't you say it? I

that there are so many things taken into consideration in making the price, both from the buyer's and seller's standpoint, that the amateur is liable to be considerably confused. One thing is certain, however, there are more \$5 to \$10 eggs advertised than ever before.

Tell your friends about the good things in American Poultry Journal. They will be interested and thank you.

15 Prizes In Gold for your suggestions and criticisms about our new Reward Book. Just send us your name and address with a 2-cent stamp for copy of book and particulars.
Reward Bureau, No. 3, Farm & Home, Springfield, Mass.

Crown Bone Cutter
Hens fed out green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 901, Easton, Pa. **BEST MADE Lowest in Price**

140-EGG INCUBATOR, \$7.55!!

Best ever made. Double w. li. copper tank, self regulator, thermometer, egg tester, etc. All complete. Brooder \$4.50. Both \$11.50, freight prepaid. Book free.
Belle City Incubator Co., Box 27, Racine, Wis.

BEST BIRDS, BEST EGGS, LOWEST PRICES

All leading varieties pure-bred chickens, ducks, geese and turkeys. Largest poultry farm in the world. Fowls, eggs and incubators at lowest prices. Send for big book "Poultry for Profit." Tells how to raise poultry and run incubators successfully. Send 10 cents for postage.
J. W. Miller Co., Box 55, Freeport, Ill.

BROWN LEGHORNS.

THE EMPIRE STRAIN.
ALWAYS WINS.

GEO. H. BURGOTT,
LAWTONS CATALOGUE FREE. LAWTONS, ERIE CO., N. Y.

EXHIBITED AT
MADISON SQUARE GARDEN.

SHOEMAKER'S BOOK ON POULTRY

AND ALMANAC FOR 1910.
There is nothing in the world like it. It contains over 200 large pages, handsomely illustrated. A number of most beautiful Colored Plates of Fowls, true to life. It tells all about all kinds of Thoroughbred Fowls, with life-like illustrations, and prices of same. It tells how to raise poultry successfully and how to treat all diseases common among them. It gives working plans and illustrations of convenient Poultry Houses. It tells all about

Incubators and Brooders.

It gives full instructions for operating all kinds of Incubators. This chapter is marvelously complete and worth dollars to anyone using an Incubator. It gives descriptions and prices of Incubators, Brooders and all kinds of Poultry Supplies. In fact, it is an encyclopedia of chickendom and will be mailed to anyone on receipt of only 15 cents. Your money returned if not pleased.
C. C. SHOEMAKER, Box 605, FREEPORT, ILL.

FARMER'S Modern Egg Crate

STRONG AND LIGHT

Easily carried absolutely protects eggs shipped by wagon, rail or automobile.

NO BREAKAGE

Tough jute carriers, each holds one dozen eggs.

NO SHOTAGE

Patent automatic locking device, permits use of padlock, will last years.

ALL SIZES

Write for our booklet and prices. Liberal discounts to agents. Money back if not satisfied.

Star Egg Carrier & Tray Manufacturing Co.
100 Dallas Street - Rochester, New York



S. C. Red cockerel, won first at Youngstown, and again at Cleveland he won first and A. P. A. silver medal for best cockerel in Am., Eng., Asia and Med. classes. Bred and owned by W. Etzensperger, Willoughby, Ohio.

cial coop to break up a setting hen. I can break up the most persistent Cochon setting hen that ever lived, inside of three days, in an ordinary exhibition coop, of which I always have a number piled around, by simply placing her in the coop with a vigorous young cockerel and give them both plenty of good nutritious food, and generally she will go to laying inside of ten days. If you breed Cochins and know how to manage them you need have no trouble in breaking them up. It is the Rocks and Wyandottes that make trouble as setters. I bought a little White Rock hen to set about twelve days ago. She set nicely for about ten days. I had her in the barn with about a dozen Cochon hens all setting splendidly. This morning when I went out to feed them I found Miss Rock out in the yard and her eggs per-

believe the best way to head an ad. is with the name of your variety or varieties, and that seems to be much the more common; because if you are not breeding the variety the buyer is looking for, he does not care for your ad. at all. Neither do I believe it is wise to say you are breeding the best variety that grows, because that is a matter of opinion. There are as many "best varieties" as there are breeders, and after a person has made up his mind, all the big blowing ads. in Christendom will not phase him. It is well to state in an ad. just what you have for sale, without any exaggeration, and that kind of an ad. will pay best in the long run.

I find it makes but little difference what price is put on eggs, the demand is about the same; which goes to prove

SUBSCRIPTION DEPARTMENT

A GOOD watch is the best asset a man can possess. Without accurate timepieces there would be no 18-hour Chicago to New York trains, nor similar achievements which require action at the proper time.

If you do not possess a good watch at the present time, we will give you one for sending us twenty three-year subscriptions or fifty one-year subscriptions to American Poultry Journal.

We do not ask you to send us the full subscription price of 50 cents for these subscriptions, but allow you to keep everything above 25 cents for every one-year subscription and all above 75 cents for every three-year subscription as your commission.

The Watch.

A 20-year guaranteed 7 jeweled gold watch is good enough for any man. The watches we offer are 20-year guaranteed 7 jeweled gentlemen's open face, handsomely designed and guaranteed to keep accurate time and please in every way.

Every subscriber can get one of these watches this month by utilizing his spare time and getting his neighbors to subscribe to The American Poultry Journal. Send us fifty one-year subscriptions and \$12.50 to pay for same at agent's price, or send us twenty three-year subscriptions and \$15 to pay for same at agent's price, or send us partly one-year and partly three-year subscriptions.

Besides getting this watch your subscriptions will also count on the grand prize contest which will close on June 10th, and you have therefore a chance to win one of these prizes besides the watch.

Read the full particulars of this contest on page 680-81 of this journal. You will not regret it.

Read what this man says and draw your own conclusions:

Rochester, Pa., March 24, 1910.
The American Poultry Journal Publishing Co.:

Gentlemen:—In answer to your letter of the 19th I can only say that I have no suitable photograph to send you. If I had one suitable for the purpose I would certainly send it, because you have done the fair thing with me in two ways. First, when I had won the prize, you rightfully awarded it to me, showing that you were not fakirs as most companies are, and second, you saw to it that I should get nice birds. When I started into the contest I hardly expected to win a prize, because I thought that you were probably a sham. I knew that I could not be beat out of my commission, so I started in with the object of getting a commission. But now my eyes have been opened and I see that you are a good, honest and reliable firm. The subscriptions were easily secured and before I could realize I had 164 counts.

And now about the birds. I received your letter stating that you had ordered them of Mr. Lester Tompkins on Friday. The next Wednesday they were at the express office, at my home town,



JONAS HAYNER, LIVINGSTON, N. Y.
A well known Barred Plymouth Rock breeder and exhibitor.

Rochester. I was delighted when I saw that they were so fine. After getting them home I examined them thoroughly; only to find that they were nicer in under than on the surface. They were red to the skin and had



R. J. KNISLEY, YORK, PA.
Breeder of S. C. Buff, White and Black Orpingtons.

typical shape. The cockerel had a pair of the nicest wings that I ever laid eyes on. Some of my many friends who came to see them asked how they were as laying fowls. I could honestly answer that they both began to lay

exactly one week after I received them, and lay they did, as regular as a clock. I am still busy entertaining friends from all around who came to see them. One would say they are better than those that took first prize at the poultry show; another would say they are fine, and thus I received compliments from all around. I could sell the eggs for good money easily, but money could not buy those eggs, as I want to raise all I can, so that I can fill orders next year. Hoping that I will be able to do more for the American Poultry Journal in the future, I remain,

Ira F. Bradford.

DOES POULTRY PAY?

This is a clipping from the Chicago Daily News April 7, 1910:

"Chickens sold at 19 cents per pound on the South Water street market today. This is the highest price ever recorded in the history of the trade. John Foley, manager of H. L. Brown & Co., 225 South Water street, said:

"The scarcity of chickens this year has been the talk of the trade. The only reason for the shortage of supplies that I can see is the high prices prevailing for eggs. Poultry raisers evidently think it is folly to market the producer, even at the high prices now prevailing, when they can receive better returns from the product. The high prices seem to have little effect in curtailing consumption. Buyers seem almost as eager to take hold at the 19-cent level as if prices were at their normal level—about 12 or 13 cents."

Since clipping the above price of live poultry on the Chicago market has advanced to 23 cents, which is almost double the price quoted one year ago.

R. C. BLACK MINORCAS.

No doubt there are a great many of our readers who are interested in Rose Comb Black Minorcas, and there would be a great many more if they only knew what a grand variety of fowl they are. They are grand layers of large white eggs, excellent table fowls, and one of the most beautiful plumaged birds we have in the black varieties.

Mr. Lloyd C. Mishler, North Manchester, Ind., has succeeded in breeding this variety to a very high state of perfection and is prepared to let you have the benefit of his years of labor at a very low price, as he is offering eggs from his best pens at one-half price. Write for his large catalogue and mention American Poultry Journal.

Why don't you send to the Pittsfield Poultry Farm, 102 Main street, Pittsfield, Me., for some of those Barred Rock day-old chicks and start right. They are selling them cheap and their stock is A No. 1. Look up their ad in this issue and send your order today. Mention American Poultry Journal.

Way Down East

**A Hurried Trip From Pennsylvania to a Few Prominent Eastern Breeders—
There is Always Something New and Something Doing in the East**

Written by H. P. Schwab, Eastern Representative American Poultry Journal, Irondequoit, N. Y.

Before leaving the vicinity of Philadelphia we followed our inclinations and again went for a call on Mr. Henry D. Riley, at Strafford, Pa., having been in that section for nearly two weeks, during which time Mr. Riley donated both his time and automobile to our desires, for which we were very grateful. In our March issue we wrote up Mr. Riley's Barred Plymouth Rocks, having been to his place early in February, and at our return at this time it was a treat to again go over this stock and to compare them with our former notes, also with his catalogue.

In Mr. Riley's matings we found much to ponder over; his birds were all at their very best at this time and we feel as if our former write-up did but scant justice to this line of birds. The first prize Buffalo cock, 1910, in full feather and of a strength and shade of color almost unapproached. This, with his grand size and beautiful shape and ideal head points, combine to make him one of the best. In pen No. 2 the first prize Philadelphia cockerel, 1910, held sway. Here was another of the very choicest in every way, a great winner and a great bird. Yard 3, headed by first prize Williamsport cockerel, and yard No. 4 by the second Buffalo cockerel, completed his cockerel matings in a fitting manner. Grand as these males are and strong as breeders, they are not all to be admired in these matings. The females here are also of a strength and quality to be commended. The very narrow, strong barring is to their credit, and Mr. Riley will certainly find results from each of these matings.

The Pullet Matings.

While many claim that Mr. Riley's real strength lies in his pullet line, still we point with pride to his famous winnings on males at some of our best shows. We do

not do this at the expense of the pullet matings, for in these we concede he is one of the very best. His four matings for pullets are of the best, even in quality, that is rarely found. Here shape and wings are the prevailing feature, closely followed by shade of color and style of barring. His first prize Buffalo hen is one of the grandest and she is closely followed by first Baltimore hen and the first and second pullet at Williamsport and several of his other winners, completing a collection of greatest worth.

Mr. Riley has issued a fine catalogue that will fully inform all of his quality and matings. But to those that can, we say, go to Strafford and see the birds yourself. Then tell us how feeble these efforts to properly describe them.

The Lakewood Farms Company.

We did not get to Lakewood, time forbidding, so contented ourselves by calling at their New York office. Here is found our old friend Mr. Harries in charge and into work up to his neck. Lakewood Farms S. C. White Leghorns and other products are favorably known the world over. This is one of the great plants of the country. Still, great as it is, their capacity is taxed all year 'round; orders for eggs for hatching and day old chicks come in bunches, and we can again look for an increase in this plant. Year after year their output has been doubled to try and keep up with the demand for their goods, and each year finds them unable to fill late orders promptly as they would like. We hope in the fall to inspect this plant and will then give our readers more of this plant as seen by us.

The Monmouth Poultry Farms.

At Freneau, Monmouth county, N. J., are located the Monmouth Poultry Farms, de-

voted to S. C. Buff Leghorns and S. C. White Leghorns. In the owner, Mr. J. Courtney Punderford, we found not only an interested fancier, but a man who as much, if not more than any other, has championed the Buff Leghorns and has made possible their wonderful qualities from both beauty and practical viewpoints.

Freneau is an old, old town, named after a noted French general whose patriotism and inclinations led him to join with Washington and in the cause for independence. From Mr. Punderford's poultry houses can be seen his former home, which was also donated to the cause and used as a hospital during the war. Here the sick and wounded of both armies lay side by side under this one roof. The blood was the same, only the cause different; but blood won out, and the friendship that has ever existed between America and England was undoubtedly begun and cemented there on these cots of suffering.

The Monmouth Poultry Farms are equipped in detail; splendid buildings, all clean and bright; incubator cellar with eleven 360-egg machines; a brooder-house a model in every way. Nothing seems lacking in these respects; even the climate and soil is particularly adapted for poultry.

Still, the main matter of interest is to be found in the poultry here, and in particular in the Buff Leghorns. Here are twenty-six pens mated, all with New York and Boston winners and their descendants. All of these deserve special mention and description, for a uniform buff color here prevails in every pen, and exceptional head points were the prevailing feature.

The Old Champion "Golden Boy First."

We first must mention "Golden Boy First," the unbeaten old champion with a record including New York of fifteen blue ribbons and eight championship cups; as a five-year-old he won fourth cock at Boston, 1910. This grand old bird retains his every great quality to a wonderful degree; his sound, clean buff color, with shape and size and beautiful finish, easily still stamp him one of the best. To him are mated the first Boston hen, as perfect a female as has been seen in years; she also won both color and shape specials; she with seven of her daughters are in this pen, making one of the choicest to be imagined, and we feel as-

An Old Piano Box and a Prairie State

UNIVERSAL HOVER

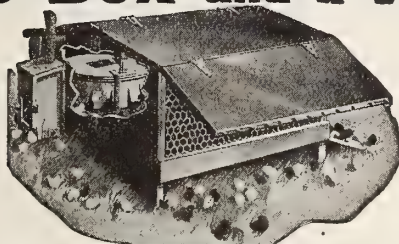
Will Solve Your Rearing Problem

You no doubt consider you are "lucky" if you raise half the chicks you hatch, don't you?

A great many don't do even that well. Hatching chicks is easy—but rearing them is the greatest "draw-back" of poultry raising.

The "10-day-death-loss" is like the thief in the night—it robs you of your profits.

If you could raise practically all the chicks you hatch, think of the jump your profits would take.



Home-Made Piano Box Brooder

We don't claim the Prairie State Universal Hover is a 100 per cent brooding device, but we can show you it is 100 per cent and more ahead of any other.

Some of our users even find it a 100 per cent brooder—raising every chick they put into it.

Here's one—read his letter:

Prairie State Incubator Co.

Gentlemen: I have used your Universal Hovers for over four years and have yet to find anything to equal them. I frequently raise every chick.

Yours truly,
EDW. N. BARKER

Boston, Mass.
You probably know or have heard of the popular secretary of the American Poultry Association, Mr. S. T. Campbell, of Mansfield, Ohio. This is what he wrote us Jan. 10, 1910:

"I have been using your Universal Hovers for several years with surpassing success. In mid-winter I put 90 chicks in a piano box with a Universal Hover fitted in, and raised 85 of them. I have never been able to equal that with hens or any other brooding device."

And so the good reports come in, indicating from practical experience that you can raise nearly every chick with this ideal hover, even in a dry goods or piano box. Now read this letter from Mr. Edward Corning, of Bound Brook, N. J., who, with his son, made \$12,000 last year.

"After trying your Universal

Hovers we have discarded all others, and intend to use them exclusively, as they give perfect satisfaction."

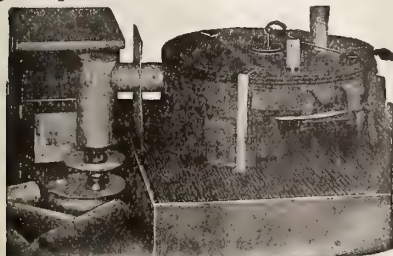
When the man who has made the greatest success ever made in the poultry business "discards all others," and uses Universal Hovers "exclusively," the "proof o' the pudding" is conclusive.

Let us mail you our catalog, fully describing this hover—tells how you can make the best brooder on earth out of an old piano box at very small cost. It also fully describes the Sand Tray Prairie Incubators, which hatch more "livable" chicks than any on the market. Find out how and why before you buy any other.

PRAIRIE STATE INCUBATOR CO.
468 Main St., Homer City, Pa.



Colony House with Universal Hover



Universal Hover Detached

sure that Mr. Punderford's hopes will be fully realized here in pen No. 5.

Pen No. 1 is headed by the first pen cockerel at New York, 1910. A wonder in quality, grand tail and properly spread and carried; the mates are the four hens in the winning pen and four of their sisters; all have neat combs, strong eyes and fine color, shape and size. It is the one even shade from head to tail.

Pen No. 2 contains the females of the first prize New York pen, 1909, headed by first

erel at Boston, 1910. Here, to our mind, is one of the grandest Buff Leghorn males we have ever seen. He has every quality; his wonderful breast is just right in sound color, free from shafting and frosty edging, and a model in type. The females here were also the pen winners and four others of same line, making a pen of rarest beauty and value.

The second Boston cock headed pen No. 4, while other pens were headed by New York and Boston winners. We could not

must admit that Mr. Punderford handed us a big surprise in having his entire flock meet these requirements. It but goes to show what our breeders are attempting, and when they succeed it is well for the world to know of it.

S. C. White Leghorns.

In the S. C. White Leghorns we found five pens mated. It is very evident Mr. Punderford is a Leghorn specialist, for here as well as in the Buffs type with size prevailed. The males heading these pens are all winners or bred from New York winners. Snow-white plumage was another feature noted, one we are always glad to see, as we know it is one of the hardest points to get just right.

In pen No. 2 was seen the third New York pen cock, 1909, a beauty in quality, grand size and snow white. Pen No. 1 is headed by one of his sons, a grand fellow, that should make a great show cock. The females were a superb lot of even quality. We failed to see where there was room for any doubt, and if we were to make predictions they would be that improved quality will again be bred here.

Day Old Chicks.

This has become a wonderful business. In particular can we say so when breeders with such quality stock as Mr. Punderford's enter into it. It is the demand of the times. The twentieth century mode of poultry traffic, its success is the best part of it, and the heatless brooder make all this possible. Mr. Punderford has been called to judge the Leghorns at several of our best shows. His writings have also interested us, and although we well know he is a very busy man, we hope to see more of it in the future. He has issued a very nice descriptive catalogue that is a real value to every Leghorn breeder and will mail it free to all interested. Please note his advertisement in this issue, and in writing mention the American Poultry Journal.

Metuchen Poultry Farm.

Mr. William A. Smith, Metuchen, N. J., breeds Minorcas of all kinds and varieties, that is, the Single and Rose Comb Blacks and Whites, with the old favorites, the Single Comb Blacks, a specialty for twelve years or more. Poultry is Mr. Smith's sole business. All his time is devoted to it, and from what we saw of this man, his place and stock, it is evident he has made a grand success with his Minorcas.



First prize Columbia Wyandotte pen, Cleveland, Ohio, 1910. Bred and owned by Ira Phillips, Oberlin, Ohio.

prize cockerel at Orange, N. J., of which Judge Drevestadt wrote—a beauty in color, very even, rich golden buff from head to tail, and extending to wings; sound under color, good in type and one of the best buffs we ever handled. The females are also of the same high grade, with fine texture combs, and are proven breeders of exceptional worth.

In pen No. 3 we find the first pen cock-

see where there were any seconds here. All seemed to be of the one grade, and that of the best. Other pens were headed by males sired by "Gold Boy First," and any bird, male or female, from this line is worth breeding.

This entire line, from first to last, greatly pleased us. To obtain the proper buff color and have it smooth and even, free from shafting, is an accomplishment, and we

Owen Farms' Eggs For Hatching

FROM
Buff Orpingtons
Black Orpingtons
White Orpingtons
White Wyandottes
Barred Plymouth Rocks
White Plymouth Rocks
Eggs for Hatching

This is the important matter before all of us from this time until the whole hatching season is over. Owen Farms has taken a departure this year and we feel that it should be explained fully, so that every one who runs may read and thoroughly understand what we are doing and why we are doing it.

In the first place, the writer has a large interest in the success of the poultry business in the United States, an uncommon desire to see it grow and prosper. Each one who writes Owen Farms, either for information, advice, price on stock or eggs, becomes to a certain extent an acquaintance of both Mr. Owen, the Proprietor, and Mr. Delano, the Manager, and we feel a personal interest in them. I have carefully gone over our business of the last few years and I have come to the following conclusion, that nineteen people out of twenty cannot afford to pay \$20 a sitting for the best eggs that Owen Farms can produce. Having \$20 pens, which we would allow the customers who could afford this price to en-

tirely monopolize to the entire exclusion of the other nineteen out of the twenty, seemed to us not to reflect and express that intimate, close interest which we have in each and every enthusiastic fancier.

No One Excluded From the Possibility of Growing the Best Birds of the Year

We therefore decided that we would list our pens just as we always have, describing the matings carefully and mating only our very best birds, limiting our mating considerably, and that we would have one uniform price, giving everybody a square deal and taking eggs from the pens in such a manner that every one who bought eggs of us should have the undoubted possibility and probability of raising some of the finest chicks of the year. To the man who could pay \$20 for a sitting this method does not work to his disadvantage as he might at first suppose. If, for instance, he was buying two sittings at \$20 a sitting he would pay us \$40 and get thirty eggs, according to our methods of last year. This year he may purchase of us for \$50 one hundred eggs and among that hundred eggs he would receive probably as many as thirty eggs from the matings that we have heretofore listed at \$20 per sitting. He gets, therefore, in addition to what he would have received last year great possibilities in the balance of the eggs, for I can assure each and every customer that we will not have a single mating that will not produce birds of remarkable quality.

We do not pose as philanthropists in this matter, but so long as the writer, Mr. Owen, lives and continues in the poultry business, the fair interest of our customers shall be our first consideration.

To state it clearly just what you can do with Owen Farms this year in eggs for hatching I would say that you may receive from any of our varieties:

Owen Farms Wm. Barry Owen, Prop. Box A, Vineyard Haven, Mass.
Maurice F. Delano, Mgr.

The show record of this strain is one of the best we have had to chronicle in some time. During the season of 1909-1910 fourteen exhibits were made at New York, Philadelphia, Chicago, Hagerstown, Baltimore, Indianapolis, etc., where something over 150 regular prizes were won, including sixty-two first prizes, five silver cups and many other specials. Here is a record to ponder over. We did not think such was possible with this variety that is always sure to meet strong competition.

Single Comb Black Minorcas.

On entering one of the poultry houses the first cock to greet us was the first prize winner at the 1910 New York Show. He also won first prize at Baltimore, 1910. Besides his wonderful color this bird has much to admire. His grand comb of just the proper size to conform, well rounded, medium length wattles and perfect lobes were grand to see. In size, carriage and form he is one of the very best. His ten mates are extra sized hens, with rather medium sized combs and of sound color throughout. Every one a winner, including first hens at Baltimore, Hagerstown and Indianapolis; first Chicago pullet, second and fifth Chicago hens, etc. This is truly a superb mating.

Close by was the Indianapolis, Ind., winner, a male of exceptional size and color. He also won second cock at Baltimore. His mates are 10 pullets, several of the noted winners, and others of equal worth. This pen looked extra good to us. Rare quality is the rule here and must be seen to be appreciated.

Next was the first prize cock bird at Indianapolis, one of size weighing now in breeding form over 10 pounds. In Pen No. 6 was the first prize pen cock at Baltimore, 1910. Both these males were of extra size, perfectly sound in color, with good heads and extra body shape. In going from pen to pen, we found the same quality and the same care in each that warrant the results obtained, there are no fillers in mating, each is made with a purpose "quality" in view and that well tells the success of this line in the past and promises much for the future. There are 18 pens of S. C. Black Minorcas all told.

In the R. C. Black Minorcas there are two matings headed by the first and third prize cockerels at Baltimore, both

of rare quality and mated to a selected lot of females, all up to weight and of clean, sound color.

White Minorcas.

In both the Single and Rose Comb are also bred here. There are five pens of the Single Combs, all headed by choice winning males with size and shape. In Pen 19 the first prize cock at Baltimore was lording it over 10 females, each a winner. The size and general condition of these birds pleased us, for such quality

Pine Top Poultry Farm.

At his New York office we again met Mr. John H. Hallock, owner of Pine Top Poultry Farm, Hartwood, Sullivan County, New York. We were at this farm a year ago and wrote them up in the April, 1909, issue, but time at this time forbid our going there which we more than any other regret.

Pine Top has met all our expectations. Their improvement has been simply wonderful. For years they have kept fully



A prize-winning Mottled Ancora. Bred and owned by Williard J. Thorniley, Route 1, Marietta, Ohio.

is extremely rare and hard to find in White Minorcas.

This plant is also well arranged and nicely kept, more buildings are being put up and the tone of general prosperity is evident everywhere. Mr. Smith will be pleased to mail his catalogue to all readers of the American Poultry Journal if you mention the paper.

abreast of the pace, and each year they make a spurt and clean things up in proper fashion. This year this happened at Boston. Last fall, September, 1909, it was at the Tri-State Fair, Memphis, Tenn., when the clean-up took place. Last winter it was at Philadelphia, and the year before at Chicago. Now, where will it be next? Their country-wide rec-

Owen Farms' Eggs For Hatching

10 Eggs for.....\$ 7.50	14 Eggs for..... 10.50
11 Eggs for..... 8.25	15 Eggs for..... 11.25
12 Eggs for..... 9.00	50 Eggs for 60c each, or. 30.00
13 Eggs for..... 9.75	100 Eggs for 50c each, or. 50.00

Every egg will be marked with the number of the pen and the variety from which it is taken, and by comparing it carefully with our mating list you will see just what you are getting, and that we shall give the same satisfaction in results that we have heretofore we are positive, for already we are hatching from our eggs with great satisfaction as to fertility and hatch.

We guarantee three eggs out of four to be fertile, and where the number is an odd number and cannot be divided by four we shall give our customers the benefit of the extra egg.

We advise early booking of orders, for this allows shipment to be made at the time you wish them, and in some of our varieties particularly the number of the pens to be mated is somewhat limited and you are likely to be disappointed if you put off your orders too long.

We shall continue to pack them with the extreme care that we have used heretofore and can assure our customers that they can order eggs fearlessly from any point in this country or Canada, as our reports have been extremely favorable from eggs shipped to the extreme North and South and to the extreme West.

Express Charges on All Original Orders for Eggs for Hatching Prepaid to Points in the United States or Canada

This is not the first time that Owen Farms has proposed something which is an innovation. Among other things they were the first to introduce to the poultry world stock guaranteed to win at any show in America.

In adopting this very broad proposition for the benefit of their

customers they are acting with care and a knowledge of just what it means, both to themselves and to their customers, and they have no hesitation in doing it. As almost every one well knows, express rates can be made better if made at the point of shipment, and particularly when paid in advance. We know how much the express will cost us; you do not know how much the express will cost you. We believe that this step that we are taking is the greatest step that was ever taken in the poultry world for the protection and benefit of the customers of any one particular farm.

Mating List

Our mating list for 1910 is all ready and is yours for the asking. Our matings are as carefully described as in years gone by, and that you ought to receive one whether you purchase eggs of us or not I confidently believe. A postal card naming the variety you are interested in will bring it with the least possible delay. Do you not owe it to yourself to carefully read our mating list before you buy eggs this year?

Breeding Stock

We can now give you a wonderfully good lot of young birds that have come on and developed since our showing at New York and Boston. Just at this time we are in a splendid position to furnish our customers with really wonderful quality in males and mated trios and pens for breeding purposes. Our matings are made and we will sell any bird on our place not included in these matings. This year we are selling eggs for hatching only at one price, those from our best pens; which have been reduced in numbers. Consequently, we have more first-class birds to sell than ever before at this time of year. If you need a grand male bird to head your finest pen or if you wish to start in one of our varieties with a trio or pen mated for the best possible results and having the best blood lines in the world, write and ask us what we can do for you. We cannot tell you what we have unless we hear from you and know that you want to hear from us.

Owen Farms

Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr.

Box A, Vineyard Haven, Mass.

EGGS AND DAY-OLD CHICKS

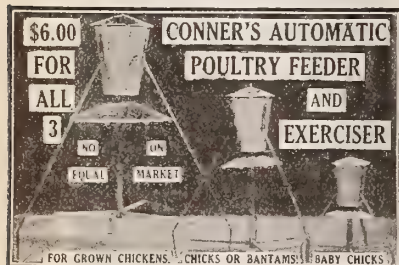
From Barred Plymouth Rocks, Buff Turkeys and R. and S. C. R. I. Reds at greatly reduced prices. Send for catalogue. **Wm. Osborn, Goose Lake Poultry Farm, Morris, Illinois.**

For High Quality

Silver and Columbian Wyandottes. Address **J. F. VanAlstyne Niverville, New York**

Send Your Name

for circular describing the new Roanoke Power Washing Machine, "a laundry in itself." Agents wanted, **Altorfer Bros., 15 Main St., Roanoke, Ill.**

KEEP CHICKS GROWING BY USING

Saves time, labor, litter and feed. For more information, address **W. M. Conner, Jersey City, N. J.**

CHAMPION BROODERS

Our 1910 model is the best and finest brooding device ever put on the market. Outdoor, indoor and lampless brooder, weaning coop and small colony house, all combined in one machine for less money than you pay for just "brooder" in other makes. The Champion is the standard Brooder of the world. We have customers using as many as 50 on their farms. No other brooder like it.

Champion Patents

Many manufacturers are using some of our patented devices in their brooders. Beware of these infringements as we intend to prosecute all such manufacturers and users of infringing brooders. Our patents cover all two compartment brooders, others are infringements, and if you buy them you are liable to heavy damages.

How They Work

"I have used two other kinds, but yours beats them all."—**Jos. McCloskey, Watseka, Ill.** "My Champion raised 145 chicks for me without the loss of one."—**E. U. Harris, Hagerstown, Md.** "Never had a chick sick with weak legs or bowel trouble in the Champion."—**Nick Morris, Goshen, Ind.** "I raised 600 chicks in two Champions last year and lost only three chicks."—**R. Roberts, Boston, Mass.** "My Champion chicks grow like weeds. Keep the brooders outdoors all winter."—**Jas. Shiner, Augusta, Me.** We have hundreds of others on file.

The Champion is the only brooder which will work outdoors in winter without shelter. The powerful heater does it. Uses one-half the oil others use. Don't buy until you get our catalog; it's free.

J. A. Bennett & Sons Company

929 Main Street : Gouverneur, N. Y.

ord for some years back is well known, and where known is most favorably known.

Mr. Hallock has in Pine Top Farm one of the prettiest places we have ever seen, and we can imagine his hurried steps to reach it as often as business permits. The quality of Barred Rocks and S. C. White Leghorns bred there can be seen by their winnings. They are of the best and hold the best of reputations. We hope to again visit them, probably this fall (if we get another invite), and will then give our readers more of this place.

"Welleslea" the Home of "Fluffy-Ruffles."

From New York City you take train to Bridgeport, Conn. (where the circus comes from), then trolley to Stratford, Conn., and you will land in the home town of one of America's best known breeders and judges, Charles H. Welles. We presume everybody has heard of "Fluffy-Ruffles," so also presume you all know of her breeder and owner, if not, listen—

"Fluffy Ruffles."

We very much doubt if ever a Barred Plymouth Rock shown before or since has



First prize Columbian Wyandotte pullet at Cleveland, Ohio, 1910. Bred and owned by Ira Phillips, Oberlin, Ohio.

attracted the attention this hen did. Winning at Madison Square Garden, New York, three years ago fourth pullet and color special female and twice since then at the same show winning first prizes and championship female, complete a record that is simply unapproachable. Back of all this is a quality to be reckoned with, and we do say that no question was ever made of honors she won.

Besides the winnings of this now famous hen, Mr. Welles has a New York show record that has held him up with the best for close to 20 years, he has been a persistent exhibitor year after year, and has been "in it" solid all this time. The trophies of many a hard fought show are now kept here, the one most interesting to us was the large bronze vase offered by the Japanese government at New York three years ago and won by Mr. Welles with his first prize exhibition pen, it is a work of art whose value can not be estimated.

The Cockerel Matings.

We found Mr. Welles busy as usual, for business is always good at Welleslea, all work was put aside and an inspection of his yards was made. We believe that many of the breeders underrated Mr. Welles' cockerel matings. Here is a line of males that have been consistent New York winners, look up his record on pen and male winnings and you will find much in this to talk about.

The first pen seen was headed by the third cockerel at New York, 1910, a bird of rare type and style, very narrow barred, and simply grand under. This bird has even improved since the New York show and today is superior in every

Barred Rocks and S. C. W. Leghorns

Egg orders booked now from choice pens, mated to produce exhibition stock.

Lake View Poultry Farm, H. B. Koch, Manager, Pekin, Illinois

Bateman's Black Langshans

World Famous Winners—If you are looking for quality in stock and eggs, I have it. Write me for prices.

Jesse T. Bateman Box A Waverly, Illinois

Columbian Wyandottes

You can produce the goods for the shows next Winter by buying eggs from our pens at \$3 and \$5. Mating list free. **Canfield & King, Box A 27, Painesville, Ohio**

Mitchell Par. Cochins

A few fine birds that I am willing to dispose of. Also eggs from the prize matings which Mr. Mitchell has made for this season. Address **ROBERT F. OLARK, 87 Milk Street, Boston, Massachusetts.**

GOLDEN AND SILVER WYANDOTTES

Winners at Pittsburg, McKeesport, Beaver Valley and Butler in strong competition. Eggs, \$3 per setting. **Wm. J. Fox, R. F. D. 17, Cabot, Pennsylvania**

WELLS' R. I. REDS

Both combs. Prize winners year after year. Eggs for hatching that will hatch.

Dr. E. W. Wells, 576 Butterworth Ave., Grand Rapids, Mich.

White Wyandottes

Eggs from choice matings \$3 per 15. Utility stock, \$5 per 100. Free circular of my winnings.

F. E. Skinner Sandwich, Illinois

White Orpingtons

Eggs from Crystal Palace and New York winners. Select matings. Write for prices. **LOUIS LEE HAGGIN, Russell Cave Poultry Yds., Lexington, Kentucky**

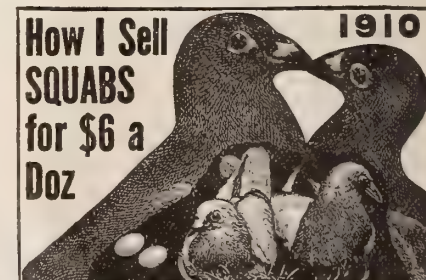
POULTRYMEN!

Send 10 cents for our illustrated catalogue. Describes 35 varieties. Full of useful information. **East Donegal Poultry Yards, Marietta, Pennsylvania**

THE HAPPY HEN

A live poultry magazine. Full of practical information that helps the poultryman make more money with his hens. A notable series of articles entitled, "Natural Laws of Artificial Incubation," commenced in the April issue. Every poultry raiser should read them. A special offer of 25 cents a year is being made for a limited time to gain new subscriptions, although the regular price is 50 cents.

Write at once, enclosing quarter. **The Happy Hen, 225 Oliver Ave., Pittsburg, Pennsylvania**



*** Mated pair kissing. Eggs to squabs in four weeks ***

Send two-cent stamp for new book, read "How I Sell Squabs for \$6 a Dozen," by customer whom we started with three pairs in 1908. He writes: "I sold \$24 worth yesterday and turned away \$12.50 orders since noon today." He uses a simple advertising device, fully explained. Get the big profits. Ask for special offers on Plymouth Rock birds and supplies, express and freight prepaid. Our cloth-bound book now 332 pages, 136 illustrations, valuable new matter. We take subscriptions for the new splendid **NATIONAL SQUAB MAGAZINE** (issued monthly) Specimen copy mailed for ten cents.

PLYMOUTH ROCK SQUAB CO. 188 Howard Street Melrose, Mass.

way. The next pen also contains a brother, a cockerel never shown and one that bids fair, barring accident, to make a great show cock. Both these matings as well as three others seen were of the very best. The females were all of extra shape, good size and strong, even barring, good eyes and head points. The males of this line have in particular one feature we like to note and commend, well spread, full and properly carried tails. These matings looked extra good to us. They have been made with care and results are bound to follow.

The Pullet Matings.

Here is where we can well afford to take hats off to Charlie Welles. These matings are so grand, and their system so very simple, that we could but stand and wonder at all. The first pen seen contained the ten best "Fluffy Ruffles" pullets bred in 1909 and mated to a cock sired by the sire of Fluffy. The next pen had her ten best daughters of 1908 mated to a cockerel sired by her son and bred from his third New York hen. Another pen had eight of her daughters, two years old, mated to a cockerel bred similar to above. Then there were three matings that on the female side line back to the third New York hen and are now being bred to Fluffy Ruffles males. Here is line breeding that can be called the double-cross. The male blood is the one and same, but two different females are used that are half related (on sire-side). We can not imagine of a better



First prize R. C. R. I. Red pullet at Omaha, 1908. Bred and owned by Anna M. Lembke, Griswold, Iowa.

combination. For four years now this line has produced results second to none other. This year at New York Mr. Welles again won first prize pullet with a bird bred by a daughter of Fluffy mated to a son of third prize New York hen, and he sired by a son of Fluffy. This well shows what this combination can do and in our opinion we confidently expect it will do a great deal more.

There were four other matings here made along the same lines and with but one or two exceptions all date to the same two females. The third New York hen referred to was placed at New York, January, 1908, the same and first time Fluffy was shown as a hen. She stood up close, her contrast of color and style of barring was prominent, and she has well proven her value as a wonderful breeder.

At the late Buffalo, N. Y., show Mr. Wells was reelected president of the American Plymouth Rock Club. His efforts for the breed and breeders have been met and appreciated and the success he has attained is most fully deserved.

Mr. Harlo J. Fiske.

At Sterlington, Rockland County, New York, are the Skylands Farms, comprising something over 2,000 acres, and of which Mr. H. J. Fiske is the manager. Here are bred R. C. Rhode Island Reds and S. G. White Leghorns. This farm is well named, it lays up in the hills 1,500

EGGS **Columbian Wyandottes** EGGS

Hewitt's Bred to Lay Strain of Large Brown Eggs—Prizes won at St. Louis, Pittsburg, Washington, D. C., Altoona, etc. This breed is thrifty, hardy, matures early, winter layers. Beautiful, profitable. I have no trash. 25 years a breeder. Eggs, \$2 for 15, \$6 for 50, \$10 per 100, from yards 3, 4, 5 and 6. From yards 1 and 2, \$3 per 15 straight. Write your wants, Circular free. Mention this paper. Homer H. Hewitt, Williamsburg, Blair Co., Pa.

Silver Laced Wyandottes

WE LEAD, OTHERS FOLLOW—At the great Hagerstown Show, in one of the strongest classes of Silvers ever brought together, we won first and third pullet and fourth cockerel on four entries. Eggs from the grandest matings at \$3 per setting. We still have a few choice cockerels in Silver and White Wyandottes at \$3 and \$5 each.

Wertzberger Brothers - Care Merchants Hotel - Altoona, Pennsylvania

S. C. AND R. C. REDS

I have large vigorous birds with Red color and type. My birds win for me and my customers. I often win every prize competed for. At Elyria in a hot class of 100 Reds I won on S. C. 2d and 3d cock, tied first; 2d hen; 2d cock; 1st and 2d pullet; 1st pen; special for best display and in R. C. I won 2d and 3d cockerel; 1st and 3d pullet; 2d pen; no old birds shown. I will mate my winners and sell eggs from my best pens at \$5, other pens \$3.00 per 15, or I will sell you baby chicks from best pens at \$8 per dozen, other pens \$3 per dozen. Incubator eggs, \$6 per 100. Baby chick orders must be placed 3 weeks in advance. Satisfaction guaranteed. Send for catalogue.

Wellington Red Poultry Farm : E. W. Phillips : Box R, Wellington, Ohio



S. C. Reds

Two fine pens containing my winners mated for the egg trade. Pen 1 headed by fine Red Raven cockerel from Zimmer mated to select pullets, \$5.00 per 13. Pen 2 headed by cockerel in cut mated to choice pullets, \$3.00 per 15, \$5.00 per 30. Pen 3, \$3.50 per 50, \$6.00 per 100. Fair hatch guaranteed. Circular free.

H. T. Marshall, R. R. No. 53, Sheridan, Illinois

Amatite ROOFING

A Frank Statement

HOW many manufacturers of ready roofing will tell you frankly how their goods are made?

Mighty few.

They will talk about "secret formulas," "special waterproofing compounds," etc.—all nonsense.

They don't tell you what the goods are made of because they don't dare.

From the start we have never hesitated to tell the buying public just what Amatite is made of and just what it will do.

How Amatite is Made

Amatite is made of two layers of Coal Tar Pitch—the greatest waterproofing material known.

Alternating with these two layers of pitch are two layers of coal-tar-saturated felt to give it tensile strength.

On top of these four layers is a real mineral surface—five layers of protection.

The mineral surface is permanent, fire-proof, and absolutely requires no painting.

It Needs No Painting

Roofings that require painting are a worry and an expense. Every year or two you have to climb up and give them a coating with some special compound sold by the manufacturers, or you are pretty sure to have a leaky roof.

Amatite is Making Good

We are constantly receiving letters from customers telling us how satisfied they are with Amatite—how much better it is than the old-fashioned roofing.

Year after year, in all weather, Amatite will give perfect service without any painting or attention of any kind.

Surely this is the kind of service that wins and keeps customers.

Free Sample

Before you go to your dealer and buy a roofing, we should be very glad to send you a sample, so that you can see for yourself just what we are talking about—what a solid, substantial, reliable roofing we are offering to the public.

Something Back of It

Remember, in this connection, that Amatite is made by the largest manufacturers of roofing materials in the world, and that when you buy this roofing there is something behind it. We stand back of every roll. We know we are offering the best and the most economical ready roofing on the market.

For the sample and booklet address our nearest office.

BARRETT MANUFACTURING CO.
New York Chicago Philadelphia Boston
Cleveland Cincinnati Minneapolis Pittsburg
St. Louis New Orleans Kan. City London, Eng



Amatite on Lumber Sheds of B. F. Harris & Sons, Brushton, N. Y.

ONE-HALF PRICE

Balance of the season. Eggs from Imperial Poultry Farms' Buff, Black and White Orpingtons. A rare chance to get eggs for little money from winners. Send for mating list.

Imperial Poultry Farm : Chas. C. Miller, Prop. : Atlanta, Illinois

Didriksen's Champion Black Minorcas

Single and Rose Combs. Chicago, 1909. winnings—1, 2, 5 hen; 1, 4, 5, chl; 2, 3 pullet; 4, 5 cock. Single combs—2, 4 hen; 2, 3 pullet. Rose Comb, Buffalo, N. Y., 1910, on four entries—1, 2 hen; 3, 4 pullet. Can furnish single bird, pairs, trios or pens. Eggs from prize-winning pens, \$5 per 15, \$9 per 30 eggs. Satisfaction guaranteed.

A. Didriksen - Whitewater, Wis.

MILLVILLE POULTRY FARM

S. C. W. LEGHORNS

are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. We have one of the largest farms in the country and can supply your needs promptly. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

Millville Poultry Farm Co., M. J. Haitz, Mgr., Box 1002, Millville, N. J.

S. C. R. I. REDS

Again victorious at Anderson. It proves my quality. First cockerel; first, third and fourth pullet, first pen, shape special on cockerel, shape special on pullet. Ninety entries in single class. I did not show any old stock. Just a few good cockerels left. Get my 1910 mating list. It is a hummer.

R. A. Slaughter : R. R. 3 : Greentown, Indiana

BUTTERCUPS

For continuous egg production Sicilian Buttercups stand unexcelled. Our beautiful birds, imported direct from Sicily, won firsts at Knoxville and ribbon at Baltimore. Eggs for hatching and stock for sale. Correspondence is a pleasure.

Mrs. J. S. Dumaresq : Easton, Maryland

ROSE COMB WHITE LEGHORNS



**Little..
Chicks**

**Ready to Ship
40c Each**

\$35 per 100

Eggs for Hatching

Rocky River Poul. Co.

58 The Oaks :: Deerfield, Ill.



Spaugh's Result II. 1st cockerel Springfield and Indiana State Fairs, 1909.

EGGS AT HALF PRICE

After May 15th I will sell eggs from my best matings at one-half price, \$2.50 per 15, from my

Bar'd Plymouth Rocks That Have a Record Behind Them

My system of mating produces prize winners. Every pen is mated with this object in view. Send for my mating list. My Plymouth Rocks fit the Standard.

Am making a special price on a few extra good cockerels. Just the thing for improving your flock. Write quick.

My New Barred Rock Booklet

Now ready. It gives you much valuable information on Barred Rocks. It is handsomely illustrated and I only ask you to send one dime to help pay cost of same. Send for it today.

**C. E. SPAUGH
BOX T -:- RUGBY, INDIANA**

feet above sea level, which should bring it up close to the sky.

The colony house plan holds favor here, and well it may, with unlimited range at hand for the chicks to roam. I do wish that every reader could visit Skylands and see it as I saw it, on a beautiful day. Can the reader imagine here and there a pen of the highest quality of S. C. White Leghorns roaming at will on the unbroken lands, with the dead leaves for a background? What a contrast they make with their snowy white plumage and red combs, and as you approach they hold up their heads and sing a warning not to intrude. Stand still and you will see them busy again, contented and happy with their lot.

We have written of this line before, and in particular in connection with the late Buffalo show. For it was there that Mr. Fiske made his latest record and one that will stand as the show record for some years to come. The S. C. White Leghorns were the largest class at this show and contained nearly 200 birds. In this class Mr. Fiske won every first prize offered and others for good measure as follows: First, third and fifth cock; first, third and fifth hen; first, second, third, fourth and fifth cockerel; first and second pullet, and first pen, with all specials. His clean sweep on cockerels was a stunner and the entire record won on merit alone. Knowing of this we expected to see a grand collection of stock here and were primed for all.

Pen No. 3 is headed by the first Buffalo cockerel, a bird of rare beauty, great size,



**A NEW YORK WINNER
Bred & Owned By
JONAS HAYNER LIVINGSTON, N.Y.**

typical and as white as can be; his tail in fullness and carriage is ideal, head and comb extra. Here are also some of his grandest females, every one a winner and bird of best possible grade.

Pen No. 6. The male here more than satisfied us, and he undoubtedly is one of the best living that we have seen. His size, with shape and head points are hard to equal. He has every desired quality that goes to make a superb Leghorn. His eight mates are all sisters to Pen No. 3 male, with small combs, good sized bodies and extra full and well carried tails. The shape of backs was all that could be desired.

The other matings were close up, quality the rule for that and not quantity is the desired result looked for here. Next to type and condition the snow white plumage were the attractive features, these with good strong red eyes and fine yellow legs only make possible such records as given above.

Of the R. C. Rhode Island Reds we saw three matings. Here also it was simply a question of merit, each pen is headed by a show winner and contains from eight to ten females. Pen No. 1 contains the third cock at Boston, 1909, a grand fellow and proven breeder. Pen No. 2 has the second Boston, hen, 1909, and fifth at New York, 1910. The cockerel winning third at the Paterson, N. J., show.

The size and shape of these Reds, as well as their color were a feature. The combs small, and, on the males in particular, we thought of very high value. Mr. Fiske has issued a very neat circular describing his matings, that is mailed to all interested. He is a fancier who has made a success that I am sure is well deserved. He unquestionably has the goods and confidence in his future efforts.

Young's S. C. White Leghorns.

At Monroe, N. Y., and up among the hills known as the highlands, is the home and the poultry plant of D. W. Young, the man that has made the going in Single Comb White Leghorns at New York for several years.

We can hardly imagine a more desirable place for both a home and poultry breeding. The sun always shines there, both in and outside. Mr. Young's work has been very successful to say the least, and the well earned prosperity has arrived, bringing with it the sunshine of contentment and happiness of work well done.

In Mr. Young we find one of the most energetic breeders we have ever met, the work he has done with the wonderful records made would completely satisfy most men, and they would be contented to rest and reap the harvests bound to come to them. Not so with Mr. Young, his nature rebels at such thoughts, he is up and doing every minute, just as if there were more shows to conquer and still better records to make. All may be probable, but is it possible?

The new poultry houses are models in every detail. The large house is 362 feet long and 12 feet wide, having 30 pens, each 12x12 feet. The dropping boards have sand on them and are cleaned daily, the entrances for the birds are 3 feet wide and 2 feet high, this prevents a rush or crowding. The dry mash is fed here in self feeding hoppers that are opened at feeding times and kept closed the rest, each pen has a very large park runway with a heavy sod that affords plenty of green food and ample room.

The colony houses and brood coops all have their features, and all seem of just the right kind for successful poultry breeding, nothing is overlooked, for there is even a special root cellar where mangles and cabbage can be kept year round and in the best of shape. These details interested us, still at our every opportunity our eyes stole glances at the birds penned around us, and as we presume

the reader is also anxious to see this flock as it appeared to us, we will now pass all other over and mention some of the matings, trusting we can find words that will describe this wonderful flock properly.

Edward I. 12 Years' Old.

Of all the Leghorns the world over, we

that have brought success to this line. In shape he is a model with extra size, his comb nearly perfection and his tail full, well covered and carried just right, well back. He still holds the same pure white color, age has not dimmed him a particle, and even at this time we consider him one of the grandest specimens living.



Edw. Chambers' Buff Orpingtons always in the lead. Look up my ad in this issue.

doubt if there is one better known or of greater value than this noble old fellow, he is the real foundation of this modern down to date line, he has well earned his pension, and still in his extreme age he retains the qualities most desirable and

Here the breeding pens run in rotation as given in Mr. Young's catalogue. In pen No. 1 we find Edward XII., first prize cockerel at New York, 1907, and the winner of special for best Leghorn at the show. His winnings and those of his get

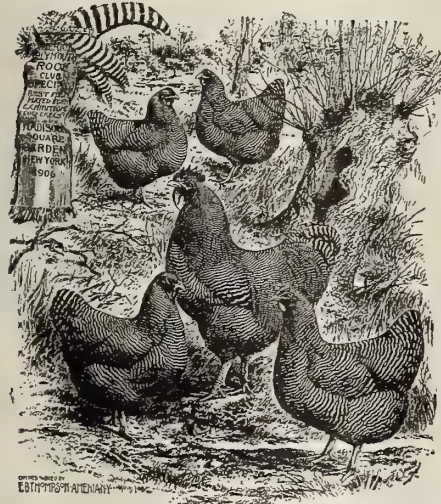
Fashion's Proudest Birds are "Ringlets"

E. B. Thompson's Barred Rocks

are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which have made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse---it is the most remarkable in the annals of poultry shows.

My producing the beautiful "Ringlet" feathers on Barred Rocks is recognized as having passed far beyond the realm of experimental theory. I never had so many superior exhibition and breeding birds---both male and female---with which to supply my customers all over the world as now, and all fanciers who visit my farm declare the stock is a revelation in the science of Barred Rock breeding. I can furnish you any birds you may want at reasonable prices and will assure exceptional value. Will mate to produce winners if desired.



Winners of Special Prize for Best Pen mated to produce Exhibition Cockerels, at Madison Square Garden, New York.

The "Ringlets" are known in every land and play their part in the commerce of the world

"Ringlet" Eggs Are The Best That Money Can Buy; They Produce Prize Winners

Mr. E. B. Thompson

Dover, Ark., October 18, 1909.

Dear Sir:—Thinking it would be of some pleasure to you to know of my winnings on your "Ringlets" at our show, I will state that I won first prize on cock, hen, cockerel and pullet, and special for best cock, any variety, and special prize for best hen, any variety, in the show. The "Ringlets" win wherever shown. This was my first exhibit and my birds were the sensation of the show. Yours truly, W. J. Brown, M. D.

My matings for eggs are the world's finest, and prices are as usual: One setting, \$6; two settings, \$11; three settings, \$15; four settings, \$18; 100 eggs, \$30. New 58-page catalogue, full of pictures of New York winners from life, will be mailed upon application.

SEE MY OTHER
ADS IN THIS PAPER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

is far too long for us to give here, and for all such information we would refer you to Mr. Young's catalogue, which is mailed free to all interested. This cock in perfect condition and with every quality is a picture to see, his mates are in a class by themselves, with shape, size and the positive pure white color that is a characteristic of this line. All females here weigh over 5 pounds, are uniform and completing a most rare and desirable pen. To our mind pen No. 2 with Ed-

but 60 of his eggs and from them bred the first, second, third, fourth and sixth cockerels at the 1910 New York show, and also the fourth pullet. Four of his mates are New York winners and the others of the same high grade with known breeding value in each.

Edward XX., the first prize cock at the 1910 New York show, heads pen No. 3. His size with perfect type stamp him one of the best, and he has superior head points. The females here are an-

and well set. It is these qualities that have won for this line year after year at Madison Square Garden, New York, and it is these same qualities appearing yearly in improved form that will have to be reckoned with in the future. Mr. Young's New York show record reads much like a fairy tale and its possibility can only be believed after seeing his stock.

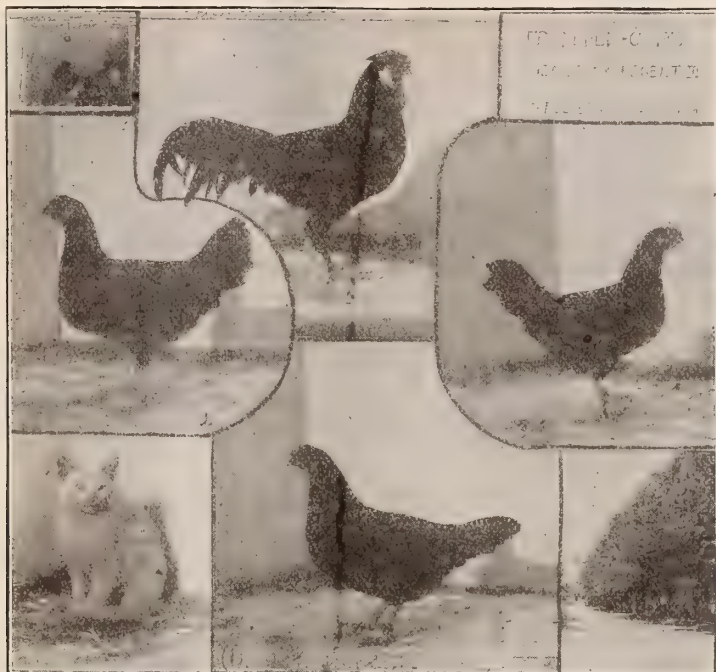
Yard No. 4 was another to our special liking as it contains the 1910 New York winning cockerel. Yard No. 5 has the first cock at same show 1906, and yard No. 6 the winning New York cock of 1909, and so on down to yard No. 24, everyone of which is headed by a New York or Boston winner, completing a collection of matings all made with the greatest care and of special worth to the breeders. We found in our conversation with Mr. Young that every mating has its special purpose to fill, and we can freely give our opinion that these aims will be realized. The foundation of all this is continued improvement and to find cause for this here requires the deepest study to see where this can even be possible.

Our time here was somewhat limited, still with Mr. Young in charge we had ample opportunity to see and to discuss all these matings, here are seven New York first prize winners and as many of second and third winners heading pens. Of the females the same can be said, for this line has won as many places on females at New York as it has on males, and these matings have been made year after year right down to this time. If more can be said of the value of this line and stock, we want to be told of it. When we turned to leave, it was with a regret that time only has revealed to us, the general attractiveness of the Leghorn bred in this quality is truly surpassing. Mr. Young and the world know of the success this line has made. But do either fully realize its true value to poultrydom? We doubt it.

Grove Hill Poultry Yards.

We again made a hurried trip to the far east, just to see what a few of the Barred Rock breeders were doing. Having spent some five weeks mostly among the Leghorn men, our desire called out for some Plymouth Rocks, and we well knew where to go for them. Arriving at Waltham, Mass., we beat hasty steps for the Grove Hill Yards, where we found Superintendent A. C. Smith and with him made the rounds of this great plant.

The success of the Grove Hill line of Barred Plymouth Rocks and S. C. Brown Leghorns have been pretty well told in the show reports, and in particular this spring we have chronicled again their grand win at the 1910 New York show on both varieties. They have been making records at Grove Hill for several years. Still we doubt



Rose Comb Black Minorcas as bred by Lloyd C. Mishler, North Manchester, Ind.

ward XIX. formed a pen whose real value is beyond estimate. This male won first cockerel and all specials at the 1909 New York show, he has wonderful size and stands well up on a pair of strong pure yellow-colored legs, he carries a well spread tail, very low, and has an extra full and long saddle. His value as a breeder can best be seen in Mr. Young's statement that last year he set

other collection of wonder, extra heads, and with form and color of the best.

This entire line of Leghorns have characteristics of their own. These characteristics embody all that is desirable in this variety and we would first mention shape and size, pure snow white color, long full tails well covered and carried well back, and suprisingly fine head points, the combs are low, well serrated

Rudy's Perfection White Wyandottes

Just from Missouri, where we did show them sure enough. Now I am going to show you the quality of my "Perfection" Strain that can be found in my breeding yards this season. My type of White Wyandottes is known all over the world as being as near Perfection as has ever been produced, and winners in most any of the best shows can be traced to my

"Perfection" Breeding

My records, at Chicago, December, 1908; Peoria, Ill., November, 1908, and Kansas City, Mo., January, 1910—the Madison Square of the West—will long stand unequaled. At these shows (the last three shown in competition) they won all the Blue Ribbons—15 out of a possible 15. At Chicago: 1st, 3rd, 4th cock; 1st, 4th, 5th hen; 1st, 2nd, 4th cockerel; 1st, 2nd, 5th pullet; 1st, 2nd pen. Silver cups and specials for best display. At Peoria: 1st, 2nd, 3rd, 4th, 5th cock; 1st, 2nd, 3rd, 4th, 5th hen; 1st, 4th cockerel; 1st, 2nd, 3rd, 4th pullet; 1st, 2nd, 3rd pen. All specials, including President's \$50 silver trophy cup for best display, all varieties competing. At Kansas City, 1st, 2nd, 3rd, 4th cock; 1st, 2nd, 3rd, 4th hen; 1st, 2nd, 3rd, 5th cockerel; 1st, 2nd, 4th, 5th pullet; 1st, 4th pen. Specials: The Weekly Kansas City Star's \$150 silver trophy cup for best bird in the show, all varieties competing. The Schmelzer Arms Company's \$50 silver trophy cup for best display, all varieties competing. All the above prize winners (with one exception) can be seen in my breeding yards this season, as I wish to give my patrons good value in

Eggs For Hatching : After May 20th Eggs From All Pens, Except A and B, Half Price

Fifteen grand pens. Mated for the Egg Trade, including all my prize winners. Eight of them headed by the best sons of "Perfection," the greatest living White Wyandotte sire. Prices of eggs: As they run (i. e., eggs from all pens), \$5 per 15; \$9 per 30; \$12 per 45; \$24 per 100. From pens of your own selection, \$10 per 15; \$18 per 30; \$25 per 45. Utility and incubator eggs (from surplus stock I carry over for next season), \$3 per 15; \$5 per 30; \$7 per 45; \$12 per 100.

Don't forget that my "PERFECTION" STRAIN is noted for Great Egg Production. Write for Free Egg Circular and Mating List. A few choice breeders yet for sale. Prices on application.

Rudydale Poultry Farm ∴ ∴ **Box A, Mattoon, Illinois**
Geo. H. Rudy, Prop. and Mgr. **The Home of "Perfection" White Wyandottes**

if ever one of more value than their late one has been made. With this we fully consider the competition and that they have won three world's championships during the last four years. In this the value of a line can well be seen, and if we consider further—taking their champion Crusader III, winner of first cockerel and champion male at New York, 1907. He sired the first cock at the 1910 New York Show and is grand-sire of the champion male at same show, 1910; also sire of three other champions and gold medal winners in one season, then the true worth of a line is best seen and understood.

Crusader III, Jr., the first prize cock and shape special male at New York, 1910, faced us in one of the first pens seen, and next to him stood his running mate, the first prize cockerel at the same show. Here was the opportunity to see and to study two of the best Barred Rock males it has been our privilege to handle. With our report of the New York show fresh in mind as regards these birds, we could not help but think how really inadequate words are in describing such quality for our readers. We can well tell of birds being narrow and well barred, with fine shape and head points, and describe in detail the value of each part or section, but how many can from such descriptions see the bird as he really is, with all these sections of merit combined, making the bird of just the proper shade and of the best seen merit all in one. Here is where words fail, and the specimens must be seen to be appreciated at their true worth.

Mated to these males are hens and pullets that bid fair for future results in this line. They have been selected with the greatest care. There are no side lights or fillers here. Individual merit prevails as well as collective merit, and they make as desirable pens as can well be imagined.

Yard No. 35, as well as yard No. 33, attracted our attention. Both are headed by New York winners, and both pens show the same care in mating that is evident here from first to last. The very narrow barring and extra clean and bright color of these males was very noticeable, while the females were of the quality mentioned in the other pens.

Yards No. 37 and 41 were also headed by New York winners, as were others down the line, making a collection of quality rarely seen, and one that must be seen to be fully appreciated.

The Pullet Matings.

For several years now Grove Hill has



First young Indian Runner drake, New York, 1909-10. Also special for best Indian Runner in the show. Royal Farms, Little Silver, N. J.

won well with its female line, and their matings in this line looked extra strong to us. They have combined in size and shape a quality that is particularly pleasing. This

is evident in both the females and the pullet-bred males; the long backs, free from cushions, and well-shaped tails are good to see, and we are free to state that they have improved this line fully 25 per cent in the last year. Of their seven matings in this line, all deserve special mention, but it troubles us how to give it, as they are alike as can be and by telling the story of one all are included.

In yard No. 47 we found the females that were in their third New York pen, 1910, and four others of the same breeding. These females, to our mind, have not only the proper shade of color, but have the barring as well and very neat head points. In yard 49 was a cockerel bred from their second New York pullet, 1909. This female in shade of color and sharp barring was a wonder, and it is most reasonable to expect results for this line.

The S. C. Brown Leghorns.

For a great many years the Grove Hill S. C. Brown Leghorns have led the world at New York and other shows, including three world's fairs. Their matings in these were rich in every quality, besides the grand head points, the striping of hackles and saddles were the feature; this with the even shade of color in neck, back and saddle of the males along with sound breasts make their record possible.

The females seen here were particularly free from all shafting, and in head points were all that could be desired. The S. C. Brown Leghorn female is a bird of rare beauty at their best and when seen as they are here are only the more admired. They are mated for both cockerel and pullet breeding, with the distinctive features plainly to be seen.

The Grove Hill Poultry Yards are well located in a beautiful section close to Boston. The pens are large and the yards of extra size. In mating here every care is used to have this properly done; it is only a question of quality; quantity is never considered. In Superintendent Smith Mr. Bright has one well qualified to produce the required improvement each year, and if we stop to consider what this line has done for the past fifteen or more years in the show room and in competition with the best, it

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Healthy, free range stock. Eggs from choice matings. Satisfaction goes with every sale. We are at your service; write us.

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ORPINGTONS

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Eggs for hatching. Highest quality. Prices reasonable. Liberal guarantee. Send for catalogue. A few cockerels for sale. Please mention American Poultry Journal when writing.

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Marcellus, Michigan

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SINGLE COMB WHITE LEGHORNS

Winners at Madison Square Garden, N. Y., Allentown, Easton, Trenton, Nazareth, Etc.

BABY CHICKS—From selected matings or from our exceptional quality utility pens. We claim much for our stock by its record made at the best shows. Our stock has size with every desired quality. Complete satisfaction assured.

EGGS FOR HATCHING—Send for our descriptive catalogue. We guarantee eggs true to markings. Remember our selected matings contain New York winners and others of the same line of breeding. Your correspondence solicited.

Wm. C. Bowman, Manager

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River Home Poultry Yards, Box B, Perrysburg, Ohio



Ringer Barred Rocks

Winners 1909-10. State Fair, Marion, Columbus State Show, Wakeman and Toledo. All firsts and one second at Wakeman. Eggs from pullet mating, \$2.50. Cockerel matings, \$5 per 15. Half price first of June on cockerel matings. Free circular.

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Rose Comb Rhode Island Reds

Extra strong in wing markings and known the world over as the great shape strain. I bred and sold winners for Madison Square Garden last year, also for the Jamestown exposition. If you want eggs that will produce this class of stock, send for mating list. Satisfaction guaranteed. This Year's Breeders Now For Sale.

Edwin W. Bogert, Proprietor, Box 6, Port Washington, N. Y.



THE KIND LAID BY
MISHLER'S
ROSE COMB BLACK
MINORCAS

Eggs for hatching are half price after May 20th. Send for catalogue. We made a clean sweep of all first prizes at Chicago 1909.

Lloyd C. Mishler
R. R. 1, North Manchester, Ind.

Kline's White Wyandottes



1st Cock, Indianapolis, 1909

Won at Pittsburg, 1st and 2d cock, 3d cockerel and 1st pullet, silver cup for best pullet. Winning cock and pullet were sensations and only exhibitor won 2 1sts. Grandest victory ever achieved in such hot competition. I have produced winners for 18 years. Grandest matings ever put together which will produce more winners for years to come. Every bird mated is guaranteed a typical specimen while those in best pens aside from their superior laying qualities are fit for keenest competition. My pens contain Pittsburg, Boston, Ontario, Chicago, Indianapolis and other noted winners, and still better, birds that have produced these winners. I know you want to breed the best and I can furnish eggs that will produce winning quality at \$5 per 15. Customers already reporting 80 and 90 per cent hatches. My sales are made "on honor", therefore buy from a breeder who serves you right. Illustrated circular free showing my winners.

Geo. M. Kline, Box 64, Downers Grove, Ill.

is then that we can better understand their accomplishments, which have been the foundation of their great success for these many years.

In Mr. Bright is also found a dyed-in-the-wool fancier. He well knows all the ifs and and's of the business. Poultry is his hobby and his personal interest in his birds is second only to his knowledge of their worth.

"Ringlet" Barred Plymouth Rocks.

No trip is just complete without a visit to E. B. Thompson, at Amenia, N. Y., where the "Ringlets" roam at home. We have written of this line before and so have hundreds of others, and this with Mr. Thompson's advertising has introduced him and his birds pretty well, so that but little of this needs reference here. The same may well be said of his show record; he only exhibits at New York and for many years he has been a consistent exhibitor at this great show, making a record there year after year that is as stable as it is convincing proof of "Ringlet" quality.

As stated, we have been there before and partly knew what to expect. We have at former times feasted our eyes on several particular birds, and our one concern was to again see them and their get. An added attraction is always to be had there with a social visit with Mr. Thompson. If there is one breeder more than any other that is to give you new ideas, then that man is Mr. Thompson. He has been a fancier and breeder since the sun shone on his bare



BUFF ORPINGTON COCKEREL.

Solid buff, full red eye; weight, 10 lbs. Owned by Valley Poultry Farm, Galesburg, Mich.

feet in happy school days, and in all his years of experience he has had the opportunity of meeting and being in line of all the development that has taken place in the Barred Rocks for over thirty years. He knows them from their crude first stages to the marvels of the present day. His success has been to a great degree their making in quality and value, while their quality made their value and have made Mr. Thompson both famous and independent.

Mr. Thompson has this year close to sixty breeding pens of Barred Plymouth Rocks of from six to ten females in each. There is a purpose to every mating that can be seen far better than explained here. Suffice to say that every bird on the place is known and every result is noted for future reference.

It is really impossible for us at this time to attempt to describe any great number of these matings. They are very choice all through and we have selected a few for special mention that will give a fair idea of all.

One of his first pens contains a cockerel son of his New York champion and almost an exact counterpart of this great bird. His style is the same. While we think his barring is somewhat improved, if that be possible, his is the strong blue color that is clear and clean. His mates are six large yearling hens, bright and snappy barred outside and in. While Mr. Thompson claimed this cockerel to be the best bred from Champion, there were two others, full brothers, in the next pens that surely

would make competition for any bird or birds.

Further down is the third New York cock, a yearling son of the champion, whose grand style, size and barring make him one of the best. His mates are eight superior pullets, grandly barred and with the fine long backs, low tails and small, well-set combs. A mating of best merit.

The next was also headed by a cock bird of which Mr. Thompson well said, "I expect some great cockerels from this pen." The cock is rather medium dark, but blue and clean. His six mates are wonderful pullets, very narrow and clean barred and right to the skin, and we should say perfect wings, red eyes and low combs. We would call this pen "Linger-Longer."

Of the next pen cockerel Mr. Thompson said: "This is the cleanest, brightest and

at show time. We considered that cockerel one of the three best we have ever seen.

Several of the following pens were headed by males of this same line. In fact, it is this line with the champion line that we consider the very best Mr. Thompson has. Each has its own characteristics, and each has its quality, just about as well as you can hope to find.

We noted that Mr. Thompson very often referred to the cockerel's face and eyes, and on asking received this from him: "Let me say right here, this is a point of great importance. My Champion line have what I consider a rare and valuable characteristic; above all else they have that is good, that is characteristic, is large face and big, expressive eyes; their eyes have big pupils; such eyes and faces to me show much intelligence, and this Champion line



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Chicken, young or old, is a mighty expensive dish to feed to lice. There is no true growth or development or egg laying with lousy chickens. People are raising scrubs and dunghills when they might be raising fine fowls. They lose in health, in thrift, in size of birds, in actual pounds weight, and, most of all, they lose in eggs.

The number of lousy chickens is amazing when it is so easy to get rid of the pests by George H. Lee's method.

By the Lee way, you don't have to handle the fowls and get chicken lice all over you. Lee's Lice Killer kills by its deadly fumes. Simply paint or spray the roosts, that's all there is to it. Lice on fowls and perches drop dead. Nothing could be easier, nothing more deadly for the lice, nothing more harmless to fowls.

Are you one of the careless ones about keeping your fowls and their quarters free from vermin? We would like to talk to you personally, just five minutes, on this subject. The talk is in our great little free book, "Lee's Chicken Talk," written by Mr. Lee himself. Let us mail you a copy. You can get Lee's Lice Killer from almost any dealer in 35c, 50c and \$1.00 cans. If you don't find it, send the money to us. We will deliver a gallon, express prepaid, for \$1.25.

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Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free. STANDARD BONE CUTTER COMPANY, Milford, Mass.



White Wyandottes, J. C. Fishel & Son, "The World's Best." There you have everything in a nutshell. This favorite variety of Wyandottes has perhaps been brought to a higher degree of perfection by this veteran breeder and his son than many other varieties can boast of. The above illustration shows how close they have succeeded in breeding to Standard requirements, and the many first prizes which their birds have won in the hands of customers this season shows that their stock is worthy of the highest honors. Their new 1910 catalog is just off the press. Beautifully illustrated throughout the book and adorned with a handsome embossed cover design, it is indeed a work of art and one of the best catalogs that has come to our desk this season. Not only does it contain valuable information as to the mating and breeding of White Wyandottes, it contains also many of J. C. Fishel's own wrinkles which have been responsible for and have been the secret of success. Ten cents in stamps enclosed in a letter addressed to Box J, Hope, Ind., will bring this fine book. It's well worth the money.—L. Stahmer.

best barred cockerel I have ever seen." He is a wonder and all that is claimed for him. Besides his extraordinary color and barring he has both size and shape. His mates are seven hens that are superior in every way and proven breeders, having bred some of Mr. Thompson's best last year.

We were particularly interested in this cockerel after learning his breeding, as he is the grandson of the wonderful cockerel we saw here three years ago, a bird that was never shown, for he was never in shape

of males are knowing birds. I have always looked much to the appearance of faces and eyes, as well as to color."

The Pullet Matings.

In these as well as in the cockerel matings Mr. Thompson has used his best care in mating, and, as he well put it, "I have had a great many good ones in the past, but this year I feel my matings are away ahead of any past effort."

One of the first seen has the females of



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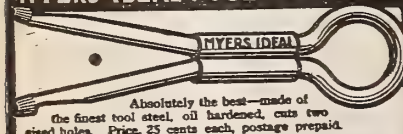
You will find one of these bonds in every roll of Congo.

We would like to send you a copy of the 10 year guarantee bond and a sample of Congo Roofing free.

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Write
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MYERS' IDEAL POULTRY PUNCH



Absolutely the best—made of the finest tool steel, oil hardened, cuts two sized holes. Price, 25 cents each, postage prepaid.

IDEAL ALUMINUM LEG BAND

To Mark Poultry and Pigeons
CHEAPEST AND BEST

12 for 15c. 25—25c. 50—40c. 100—75c.
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Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

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Eggs for hatching that hatch good pure blooded, healthy, vigorous chicks. Write for catalogue. It's free.

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White Plymouth Rocks

Eggs from two prize winning pens at prices you can afford to pay. Write

W. R. Abbott : Fort Atkinson, Wisconsin

Dark Cornish and White Indian Games

Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J.

JOHN A. MILLER, NAZARETH, PENNA.

SILVER LACED WYANDOTTES

At Chicago we won 1st cock, 3d cockerel, 4th pullet in strongest competition. A few extra fine birds at reasonable prices. Write for egg circular. **CLARE E. HOFFMAN, Allegan, Michigan.**

S. C. Brown Leghorns

Madison Square winners, 1909-10. Eggs for \$3 and \$5 per fifteen.

Kittatinny Poultry Yards, C. L. Puder, Prop., Irvington, N. J.

R. C. Black Minorcas

At the Wheeling, W. Va., show I won 2 cock; 1-2-3-4 hens; 1-2 cockerels; 1-2 pullets; 1 pen; also silver cup. Write for prices on stock and eggs.

Chas. Stewart - - - Dillonvale, Ohio

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

his third prize New York pen and four others of the same breeding. They have sharp, snappy barring throughout, bright wings and perfect heads, mated to a beauty cockerel, bright and very closely barred and of extra size and shape.

Another pen has the four females of the first New York pen and silver cup winners, also two others of same line and the best pullet bred last year; with these is mated a son of the best hen from the first New York pen that is one of the Ringiest cockerels ever bred.

Of the next pen Mr. Thompson says:

This pen consists of seven pullets mated with a cockerel that is a wonder for barring. This pen is mated with a definite object, to get very narrow barred wings. All these seven pullets are high class show birds, being of splendid size and shape, close, narrow, bright, even "Ringlet" barring, with red eyes, yellow legs and beaks; in addition they have very narrow straight barred wings, both

breeder. With him are mated eight pullets, four full sisters and four half-sisters slightly related to the cock. These pullets are of the highest type of exhibition color and barring, with splendid wings and yellow legs and beaks.

Another pen consists of seven two-year-old hens, four are full-sisters, their mother was "Katherine L.," a winner of three ribbons at New York, they are great show hens. The other three are among the best pullet bred hens. The cockerel in this pen was selected as having just the barring and color also line of breeding to produce with these hens' grand show pullets.

Another pen containing eight exhibition pullets, all sisters, they were hatched from first prize silver cup pen pullets of last year. The male heading this pen is a cock bird with very narrow barring, very bright and just the right shape to produce winning show pullets; he has a very narrow barred wing.



One of "Hurt's" line-bred, blue-blooded Single Comb Buff Leghorn first prize-winning males that he is using in his special matings this year. Sired by "Boston Buff" cockerel winning first and special at Boston for best cockerel in the show, and grandsire was winner of eleven first and nine special prizes in four different states. Bred, owned and exhibited by Peter S. Hurt, Thorntown, Ind.

secondaries and primaries. The cockerel's wing is a wonder in this respect, his mother had the best wing I ever saw, he has perfect color, very narrow barring and very straight across the feather. I would also state that both the secondaries and primaries in the wings in every bird in this pen including the cockerel are fairly short and perfectly folded. I consider a wing fairly short much superior in shape to the long quill feathers that are so often seen; these short wings usually come on a good bird. I feel especial interest in this pen.

Another mating is headed by a cock bird that has sired several New York winning pullets, he is three years old, perfect in condition, of great size, wonderful color and barring, he is a great

So much for the "Ringlets" at this time, it is very evident that they are still making good, as Mr. Thompson reports a greatly increased business over all former years.

Mr. Thompson's catalogue is a very elaborate one, that is mailed free to all interested persons.

Royal Blue Barred Plymouth Rocks.

It is but a short trip from Waltham to Lancaster, Mass., the home of A. C. Hawkins, and one of our oldest as well as best known breeders of Plymouth Rocks and Wyandottes. Ever since we have been able to read we have been interested in poultry and the name "Royal Blue" has ever been familiar to us, as it has to all others that read the poultry

papers. From the first Mr. Hawkins has been a most liberal advertiser, and it has been to his advantage to let the world know of his winnings and breeding.

While Mr. Hawkins breeds all three varieties of Plymouth Rocks, and four of the Wyandottes, it is evident that the Barred Rocks are his specialty. We were here a year ago and wrote up this line fully, we found birds of the highest merit here then and tried hard to do them justice, but what changes are possible in a year's time, grand as were these matings a year ago, we are free to say that the 1910 matings are far superior and undoubtedly the best Mr. Hawkins has ever made.

There were twenty-five or more pens of Barred Rocks here, one the full equal of the other, and as we went down the line with Mr. Hawkins we could not find a flaw of any kind, or an opportunity to suggest any improvement.

In one of the first pens we again saw "Royal Blue," winner of first prize cockerel and champion male at the 1909 New York show. This grand fellow has wonderfully retained all his great qualities that placed him winner above all at our greatest show a year ago. He is grandly mated and his wonderful breeding quality proven last year will undoubtedly again be improved.

Close by was "Boston Blue," the winner of first prize and champion male at the Boston, 1909, show; he was also awarded the Lawson cup for best Plymouth Rock male. In "Boston Blue" Mr. Hawkins has a superior cock and to our notion the full equal of "Royal Blue," both have exceptionally fine tails, well carried, with long and very clean saddles, strong eyes and fine combs.

Then followed eight pens headed by sons of the above, cockerels that have never been shown, these make a great showing, as seen here at their best condition. Mr. Hawkins told us that these cockerels were hatched June 20 last, which goes to prove our contention for years that June hatched birds are really the choicest in color. His second prize cockerel at the late New York show and also the others shown there were all June hatched.

Down beyond the long breeding house are the colony houses, each with close to an acre of land fenced in. Here were also pens of Plymouth Rocks, and as Mr. Hawkins led us down that way we noted the broad grin on his face and were prepared for his secret which he had kept up his sleeve. In the first yard we found "Little Boy Blue," a cockerel of as narrow, bright and sharp barring as we ever hope to see. Besides his wondrous barring he has size and shape and a most beautiful head. His eight mates also number some of Mr. Hawkins' best hens, among them the dame of the second New York cockerel, 1910, and her sisters.

It was the same here as was noted before; the further along we went the better they seemed to be. The females were without exception birds of quality and from eight to ten in each pen. Here as we went along we had a look into each nest and found to our surprise that Mr. Hawkins was getting

at least an 80 per cent egg yield from his entire flock of Barred Rocks. This may not sound well to those that see nothing but fine feathers in exhibition birds and claim that our Standard demands the opposite to what they call the egg type. But these statements are true just the same, and they verify our contention that the nearer we breed to Standard and exhibition quality, the closer we get to real, practical qualities.

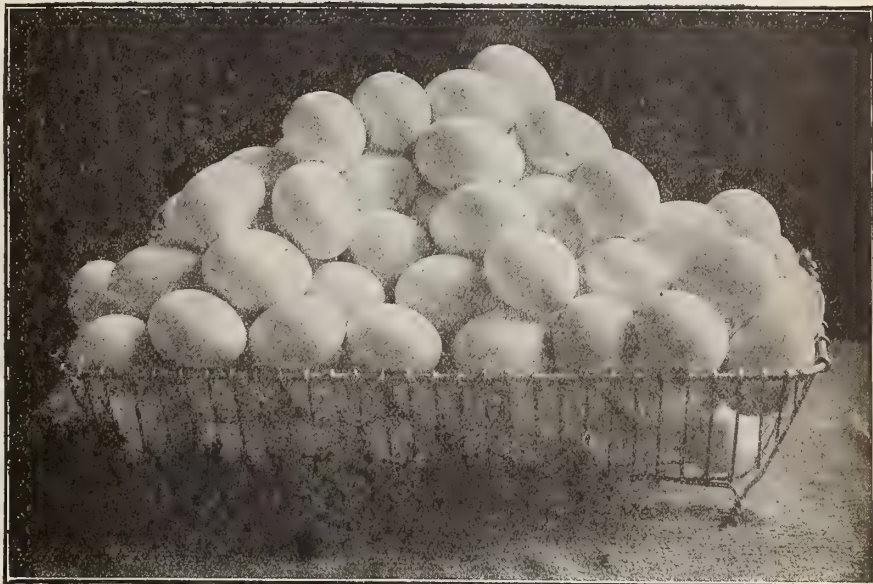
In pullet matings Mr. Hawkins has several yards and they line up full as well as do the cockerel matings just mentioned. This line all through is one that will have to be reckoned with in the future as it has been for thirty or more years in the past. Mr. Hawkins gives his entire attention to his poultry and is a very busy man, to say

their markings. His White Wyandottes were next seen, and then followed the White Rocks. In all of these we saw grand stock and admired them, but our crop got full quickly and when we suggested to take a walk back to the Barred Rocks again we found Mr. Hawkins just as ready to go as we were.

Mr. Hawkins' catalogue tells more of his stock and should be in the hands of every breeder of his varieties. He has the goods to interest, and, as we told him, that if we were to order eggs we would just send the money and let him send the eggs from whatever pen he could.

Barred Rocks at Leominster.

At Leominster, Mass., we found Mr. Haldie Nicholson at home. He is one of



The above illustration shows the kind of eggs laid by the Single Comb Black Minorcas as bred by Charles G. Pape, Ft. Wayne, Ind.

the least. That he is up to date is attested by his securing a son of "Fluffy Ruffles" last year and in making a special mating is now breeding his sons to all his best females in this line with assured success.

At the late New York show Mr. Hawkins sold three of his cockerels for \$500. This included his second prize bird. Since then he has refused several times such prices for birds now in his pens. The birds sold have since been winners at prominent shows, which speaks well for this line.

In Columbian Wyandottes there are several grand matings with a winning record of the best. The shape of these was particularly fine and was closely followed by

the most enthusiastic fanciers and breeders that we have met. He breeds only the cockerel line of Barred Plymouth Rocks, and how well he has succeeded is best shown by his record made at Boston, Mass.

For three successive years now he has won first prize cockerel, and last year took down the Lawson cup for final ownership, having won it three times on best Barred Plymouth Rock male shown.

This year was no exception. He entered but the one cockerel and won first in what they call easy manner, and although he claims it was his last show, we hope he will change his mind and keep showing his quality for years to come.

His matings as made this year are of the

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

BUY EGGS



Prince Ringy

From the grandest matings that have ever been brought together. They have no equals anywhere in color and barring. :: :: :: :: :: :: :: ::

I Defy the World

To show up birds that can equal in dazzling wealth of color and in simply marvelous, fine, narrow barring the birds that are right now in my breeding yards. You simply cannot—you can not—find their equals anywhere. Eggs are very fertile—95 per cent. Price \$5 per 15. Order at once. Remember, birds hatched in May and June make the finest show birds. :: :: :: ::

W. D. Holterman, Fancier
Box 2 : Fort Wayne, Indiana



Ringy

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

best. He still has the grand old cock that won both as a cockerel and a cock at Boston and who is the real foundation of his present day winners. He is mated to but five females of the choicest quality, and among them is his grand old hen that has produced his line of both winners and producers.

The first Boston cockerel of 1910 heads another pen, and close by is a full brother, his equal, to our mind. Both are strongly mated and give every promise of results.

Two other matings were seen here and

mastered fully. Fair or well enough won't do—all must be simply right all the time.

The Beauty and Utility Line.

At Lancaster, Mass., and right next to Mr. A. C. Hawkins lives Mr. C. H. Latham, whose Beauty and Utility Strain of Barred Plymouth Rocks are well and favorably known. At the time of our visit Mr. Latham was away from home for the day. Still, in charge of his man we had the opportunity of seeing his birds and noting his matings. That, of course, was our interest.



WINNER OF FIRST PRIZE AT NEW YORK DEC 27 1909-JAN 1910
BRED & OWNED BY D. V. YOUNG, MONROE, NEW YORK U.S.A.

both were headed by a son of the cock mentioned above. They excell in barring and have as fine head points as we can wish to see. This whole line was very interesting to us. We knew of their proud record and had long waited the opportunity to see them.

In Mr. Nicholson we found what we may well term one of the old line fanciers. His success is a matter of detail, which he has

Mr. Latham makes a specialty of the pullet line. How well he has succeeded is plainly shown by his New York and Boston show records, which are all given in his mating list, that will be mailed for the asking.

The matings here were all of a character that may well be surmised when we consider the records this line has made on females. In going from pen to pen we

noted exceptional birds in each, birds of a record and others their full equal in quality and of the same style of breeding.

We here again had the pleasure of handling the first prize New York hen of 1910, also the second prize pullet, as well as Mr. Latham's Boston winners. At Boston both in 1909 and 1910 this line made close to a clean sweep on both hens and pullets, a record of which Mr. Latham may well feel proud.

CHARCOAL AND SPONGES.

Curious Odor-Absorbing Quality of Charcoal Makes It Valuable in the Poultry Yard.

That there is a similarity between charcoal and the ordinary commercial sponge would not at first occur to anyone. Yet the two substances are quite similar in having large absorbing qualities. The sponge, as everyone knows, absorbs moisture, while charcoal is pre-eminent as an absorber of odors and particularly those that are unpleasant as well as injurious to health.

The finer the sponge the more water it will absorb, while the quality of the charcoal determines its odor-absorbing power. To absorb odors most thoroughly it must be twice burned or charred.

Poultrymen, in particular, should always have a high grade twice-burned charcoal where the chickens can get it at all times. The Department of Agriculture bulletins show that a hen will eat nearly two and one-half pounds a year.

When a porous, sponge-like charcoal like "Esso" twice-burned Chicken Charcoal is taken into the digestive tract of fowls, the tiny holes or cells absorb the impure gases in the crops and gizzards and take away that sour condition that breeds disease. Ordinary charcoal, which is often little more than poorly charred wood, may prove harmful. Fowls with crops of fermenting food cannot be healthy. They cannot tell you that there is trouble with their digestion. The first you learn of it is by seeing a lot of sick, unprofitable birds on your hands.

Not only does "Esso" Chicken Charcoal make sweet crops and gizzards, but it has a marked effect in the flavor of the flesh.

Anyone who has killed poultry that has been fed "Esso" Chicken Charcoal has always found the food in them perfectly sweet. This, of course, means that the flesh is good and sweet also. In other cases, where nothing has been fed to keep the stomach sweet, you will always find the crops filled with sour food. Hundreds of poultrymen testify to that.

In making "Esso" Chicken Charcoal only sound, clean wood is selected. This is dumped into great air-tight ovens and allowed to char for days. Running from these ovens are pipes through which we draw off any impure acetic acid, wood-tar, creosote, etc. Then the Charcoal is put through this same process of charring a second time to be sure that every particle is charred thoroughly. This is very important. A great deal of ordinary charcoal is simply half-charred wood—and is made of refuse timber and trash. That kind of so-called granu-



Champion Intruder, 1st cock and champion male, N. Y., 1908-9, both cocks and chks. competing. 3 of the last 4 champion males at N. Y. have been bred at Grove Hill.

MORE FIRSTS

At Eight Madison Square Garden, New York Shows on Barred Plymouth Rock Males

during the last nine years than all competitors combined by six and one-third per cent. Three out of the last four championships on males.

At the Last New York Show

Our Rocks won more prizes, more points than those of any competitors, 1st, 2d and 8th cocks; 1st, 6th and 7th cockerels, 3d hen, 3d pen, special for best four cockerels and best cockerel and four pullets. The best winners for the season of 1910-11 will be laid at Grove Hill. You can have an equal chance with us.

EGGS—\$5 per 13; \$18 per 50; \$35 per 100; as they run from our best yards. Specially selected eggs to meet your special needs at special prices. Some splendid breeding birds at moderate cost closely related to our New York winners. Send for winning sheet. Send for our mating list, the largest and most complete issued.

Grove Hill Poultry Yards : William Ellery Bright, Prop. : **Box 410, Waltham, Mass.**
A. C. Smith, Superintendent

lated charcoal often contains ground pieces of partly charred wood, to say nothing of the other foreign matter that is liable to be injurious to the health of the flock.

"Esso" Chicken Charcoal is the best and the purest you can buy—better and purer and more efficient than any other charcoal. Because it is the only Chicken Charcoal that is re-carbonized—twice burnt. The only charcoal in which no gritty uncharred pieces are to be found.

Our readers should write to the manufacturers of Esso Charcoal, The S. Obermayer Company, Cincinnati, Ohio, for a copy of their booklet, "The Value of Charcoal in Poultry Raising." If you ask for a sample package it will be sent you free. A trial will convince you of its superior merits.

DRY-GRAIN, BALANCED-RATION, MACHINERY-MIXED FOODS FOR CHICKS.

On this page are two photographic views of the poultry food and alfalfa mill of the Cyphers Incubator Company, Buffalo, N. Y., claimed by the owners to be the biggest of its kind in existence. This mill is located at Kansas City, Mo.,

to become mixed with filth and then eaten.

There can be no doubt that it is better to keep valuable chicks on a regular diet composed of a time-tried, balanced ration of several grains, all sound and nourishing, than it is to feed them too much of one grain, or to give them first one thing and then another, as may be found convenient. It is far better that the chicks should grow steadily, first to last. If you value your chicks give them a fair chance. Judgment will need to be used in this direction if satisfactory results are to be obtained.

Cyphers Incubator Company was among the first to begin the manufacture and sale of dry-grain, ready-mixed poultry foods. Their trade-mark, sealed-bag brands of chick food for newly hatched chicks and developing food for older chicks have been on the market ten years. The manufacturers claim that this is long enough to test the true merit of any article of food. Many experienced and successful poultrymen are now using the Cyphers Company's all-grain foods and have been using them for years.

The attention of our readers is called

A VISIT TO THE REDSKIN POULTRY FARM.

Our representative, Mr. Zimmer, reports regarding Simmons & Crittenden, Geneva, O., who have named their farm and strain "The Redskin".

Upon leaving the Pittsburg show we stopped off at Geneva and found Mr. Simmons very busy mailing out their annual circulars. However, never too busy to show us around and talk with us regarding the Reds. They mated five pens containing all their birds, including many winners of the last two years. Mr. Simmons told us he had two specials this year and that is certainly speaking of their quality. We would be inclined to call them "crackerjack," or some other pet name. They were running in a large cherry orchard, with plenty of grass, and were in fine condition. Their pen A was headed by a real dark cockerel, but, as Judge Tompkins would say, with "lots of shine." He was fine in black points, eye and comb. We understand that he is from some of the best blood lines in the country and was purchased by Simmons & Crittenden soon after the New



WORLD'S LARGEST POULTRY FOOD AND ALFALFA MILL.

Two Views (from Photographs) of the Poultry Food and Alfalfa Mill at Kansas City, Mo., Operated by Cyphers Incubator Company of Buffalo, N. Y. Capacity of this Mill is Six Cars Daily of Machinery-Mixed Poultry Foods and Alfalfa Products.

the world's largest primary grain market, and has a daily capacity of six cars of 30,000 pounds each.

Day after day at this season of the year three and four cars of Cyphers company's sealed bag poultry foods and alfalfa are shipped from this mill for the use of poultry raisers in all parts of the United States and in foreign countries. The big grain bins hold twenty cars—a train load—at one time, and the hopper scale weighs a car of wheat, one thousand bushels, at each filling. The machinery and equipment, exclusive of the building, cost more than \$35,000.

One of the valuable discoveries of recent years in the poultry field has been the important advantages of using dry-grain, evenly-granulated, machinery-mixed, balanced-ration foods for newly hatched and half-grown chicks in place of raw or "cooked" mixtures, thrown together on the hit-or-miss plan, fed in course or wet form and left to sour in the sun and rain, also to be trampled on,

to the double-page advertisement of Cyphers Incubator Company in this issue of American Poultry Journal headed "Chick Murder—Help Us Stop It." The business standing and financial responsibility of this company are such that our readers can safely order direct from the advertisement. We are informed that the Cyphers Company has just issued five two-color circulars, devoted to seasonable poultry supplies, copies of which will be mailed free, postpaid, to any of our readers who mention this journal. Address the company's nearest branch store and warehouse as follows:

Cyphers Incubator Co., Buffalo, N. Y.; New York City, N. Y., 23 Barclay street; Boston, Mass., 12-14 Canal street; Chicago, Ill., 340-344 North Clark street; Kansas City, Mo., 2325 Broadway; and Oakland, Cal., 1569 Broadway.

Have you noticed the great offer on page 680 of this journal?

York show. The six females with him were three hens, every one a winner, and three pullets. One hen, Mr. Simmons told us, was four years old, and just as red as a pullet; another won first at Buffalo as hen, and her daughter first as pullet at the same show. The three pullets were grand, one being a sister to a winning male at Chicago last winter, and the other two winners at the recent Youngstown show. Pen B was another fine pen and headed by a cockerel which had the finest undercolor we have seen this year. His shape was especially good.

Space will not permit us to describe the other three pens, but they were of the same quality and no doubt will produce many winners.

We have known Messrs. Simmons and Crittenden and find their Reds improve every year. They are making their Reds pay their way, and surely will be heard from again next winter. They only attended one show the past season, that

VICTORY---Not Merely a VICTORY BUT A MADISON SQUARE, NEW YORK, VICTORY For BRIGHT'S BROWN LEGHORNS

Three firsts out of five or three times as many as any other competitor. First and second cocks on two entries; first and third cockerels on three entries; first pen on one entry.

Don't forget that this line of birds has won the most notable victories in all Leghorn history. Pan-American, St. Louis and Jamestown Exhibitions, New York, 1906-7-8-9-10. Boston, 1903-1909. Some splendid males of both Cockerel and Pullet lines for sale. Some breeders of Sure Winners. Reasonable.

Eggs From our New York Winners, \$5 to \$15 per sitting.
Get a list of our winnings. : : : : :

Grove Hill Poultry Yards

William Ellery Bright, Prop.
A. C. Smith, Supt.

Box 410, Waltham, Mass.



being the Ohio branch meeting of the Red Club, held at Youngstown. Although handicapped by immature birds, they won a place in every class.

They offer eggs at half price after May 15, and also have a number of breeders for sale at the end of May.

Look up their ad in this issue.

HEUVELTON, N. Y., FANCIERS.

Almost every one has heard of C. F. Smithers, of Heuvelton, N. Y., and his Buff Wyandottes. I was very anxious to inspect his flock and see just what he had. After handling bird after bird that was absolutely buff in every section to the skin, I am glad to tell the readers of American Poultry Journal that I believe Mr. Smithers has one of the best flocks of Buff Wyandottes in the world today. His male birds are of that bright, even, golden color in all sections. None of the deeper color is to be found on their wing bows and back, but just one even shade from head to tail. Mr.

Smithers has no use for poor birds, and if he has any they are not to be found on his place. He enjoys a splendid trade and knows how to take care of it. As he says, by having satisfied customers.

F. J. Eysaman, the Single Comb Black Minorca specialist, I found at home busy with his birds. Here could be seen Black Minorcas with quality good enough to suit any one. His entire flock is exceptionally free from purple, well up on legs, long in back, with tails carried at the correct angle. Mr. Eysaman's Minorcas have been large winners at New York State Fair, Heuvelton, Ogdensburg and other shows in the past few years.

T. J. Connolly & Son breed Rose Comb Black Minorcas of superior quality. I was very favorably impressed with the Rose Combs here, as they were exceptionally large, many of them equaling the Single Combs in size, and the color was simply grand, showing that the above breeders know their business in producing high quality Rose Comb Black Minorcas.

Wm. Stewart, the Single Comb White

Leghorn breeder, showed me some of the best birds of this variety it has ever been my pleasure to inspect. He not only has one or two good ones, but a lot of them. One male especially is good enough to show anywhere and get in the money. I look to see some fine youngsters from this flock when I make my visit here in the fall.

At E. B. Allen's I found some grand Buff Rocks, and one of the finest flocks of Indian Runner ducks I have ever seen. Mr. Allen informed me that he wished to dispose of the ducks, and I can assure any one that is fortunate enough to acquire this flock of Indian Runners that they will be more than satisfied with their quality. Write him at Heuvelton, N. Y.

Harry M. Lamon.

THE HALL EQUIPMENT.

The Hall Mammoth Incubator Company has equipped a large number of poultry plants with its incubators and brooders, and that they are giving excellent satisfaction is made plainly evident by such letters as the one we quote below, which was written in reply to an inquiry in regard to their value:

Plainfield Sanitarium,
Plainfield, N. J., Jan. 25, 1910.

Mr. L. A. Blazier, Basking Ridge, N. J.

Dear Sir: Yours at hand. I have found the Hall System all that they claimed for it. We set 1,500 eggs in December and hatched over 70 per cent. Some hatches were over 73 per cent, but the eggs came from a distance by express and the last lot got chilled, which brought the average down. We do not test the eggs out, as the trays work better when full, and with good eggs we do not get enough clear ones to pay for the trouble. The best hatch I ever had



S. C. Black Minorca cock as bred by F. C. Wing, Wayland, Mich.

with a lamp machine was 73 per cent in April. I have hatched as high as 85 per cent with the Hall. The percentages are of all the eggs put in.

We ran the incubator last winter from December to late June on about two tons of coal. Have never kept an exact account of amount of coal used to carry through a single hatch. I assure you this machine is in an entirely different class than the lamp machines. There is simply no comparison between the two. To run this machine with 6,000 eggs is really less work than to run one lamp machine, except the additional time required to turn the larger number of eggs. It hatches more chickens than any I have tried or seen. I am now installing 120 hovers. You are so near here you should come down and see the machines in operation. Come by the way of Sterling and we are at the upper end of Somerset street, near the end of the trolley. Should I not be here my man will show you the plant and tell you how to run it. Truly yours,
(Signed) Justus C. Cooley.

The Hall Company has just issued a new brooder catalogue describing their brooder system, self-regulating furnaces and colony house brooder. For their main catalogue and this brooder catalogue address Hall Mammoth Incubator Co., Dept. X, Utica, N. Y.

Our readers are requested to look up the ad of Charles G. Pape, Ft. Wayne, Ind., in this issue. He is making a special midsummer egg sale from his celebrated S. C. Black Minorcas. Mr. Pape has, no doubt, produced some of the best S. C. Black Minorcas ever bred or exhibited in this country and is therefore in a position to satisfy the most critical. You cannot do better than write him for full information, and mention American Poultry Journal.

Chicago : Buffs That Are Golden : Minneapolis

Winners Buff Wyandottes, Buff Rocks, Buff Orpingtons Buff Leghorns and Buff Cochins, the greatest winter laying and prize winning strain in America. 5,000 prizes to their credit. Eggs, \$1.75 per 15 best pens. Prize breeders at half price after May 15th. Sale circular free. Big 100-page poultry book, 4c stamp.

The Buff Poultry and Bee Farm

Austin, Minnesota

S. C. Buff Leghorns S. C. R. I. Reds

328 ribbons and specials in five years. Leghorn eggs, \$2 for 15; \$3.50 for 30; \$5 for 50. Red eggs, \$1.50 for 15; \$2.50 for 30. Free range utility flock, \$1 for 15, or \$5 for 100. Stock for sale reasonable.

M. Guckel, Box 1, Kirkwood, Missouri

STOP, LOOK AND JUST READ THIS NOW

Rockandotte Farm is ahead on breeding White Rocks. Why? Because Graves breeds his birds. Does this not convince you this is true? First cockerel and color special at Madison Square Garden, N. Y., two years in succession and at the last N. Y. show the first cockerel and color special was won by a bird bred and raised by us and we were given the liberty to advertise same. At Boston, 1910, we won 1st and 3d cockerel and color special on 3 entries, also \$100 challenge cup for champion male, competing with the largest plants of the East. These are only a few of our winnings. Just send for our mating list which gives you a report of our great wins at the great Tri-State Fair, Memphis, Tenn., last fall. This with our previous records will show you without further explanation, that we must have the quality to produce these winners at the world's greatest show, Madison Square Garden, N. Y. Eggs are \$10 and \$5 per setting. Just give us a trial and we will guarantee to please you. All correspondence answered cheerfully. Write today and be well pleased, to ROCKANDOTTE FARM, W. R. Graves and Mrs. S. H. Graves, R. F. D. No. 3, Southboro, Massachusetts.

Victory For Bleakley's Buff Rocks

At Missouri State Show, December 6th to 11th, the largest show ever held in America, my Buffs, in competition with birds from all parts of the U. S., made the following unequalled record: First, third, fourth cockerel; first pullet; fourth cock and third pen. Southwest District cup (comprised of ten states) for best cock, hen, cockerel and pullet; silver cup, gold medal and diploma for best cockerel; silver cup for best pullet. Tied for \$100.00 silver cup for best cockerel in show; two club specials for best colored male and female. This, with my record of the past six years, makes my Buff Rocks the greatest winning strain in America.

J. J. Bleakley Life Member American Poultry Association R. 3, Box B, Abilene, Kansas
State Vice-President Buff Rock Club

Brown's Exhibition Barred Rocks

Winners at the leading shows in Illinois. Eggs, half price after June 1st.
Write for mating list and list of winnings.

Edward Brown, Route 37, Mendota, Illinois

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. My pens include all noted winners and are mated in such a manner as to produce best possible results and prize winners. Eggs, \$4 per fifteen.

C. J. Whitney, -:- Galt, Ontario, Canada

S. C. W. LEGHORNS

SNOW FLUFF STRAIN—In originating and improving our strain only birds of highest standard type and greatest laying qualities as shown by accurate individual trap-nest records were used. As a result today we have not only one of the greatest prize winning strains in the world, but are unequalled in egg producing qualities. We won 1st pen Cleveland '08 and again in '10. Eggs for hatching (containing 1st prize pen 1910), \$5 15. Other grand pens of highest excellence, \$2 per 15; \$12 per 100. Incubator, \$8 per 100. Satisfaction guaranteed.

White Feather Poultry Farm : : : Rocky River, Ohio

S. C. R. I. REDS

At Wheeling, W. Va., my Reds won first pullet, first and third cockerel, second hen; also specials for best shaped female, best colored male and best colored female. Eggs for sale from select matings. Write for prices and particulars.

Geo. H. Keck Edgewood Wheeling, W. Va.

PAGE FENCE FREE.

When the manufacturers of Page Woven Wire Fence published an offer to send an actual sample of the fence free to any prospective fence buyer, they little realized what an enormous number of these samples would be required.

For months the requests for free samples have been pouring into Adrian, Mich., and still they come. Every farmer in the country has heard about Page Fence, which is the pioneer of all woven wire fences. It stands for the highest quality known in the wire fence industry.

It is famous the world over for its wonderful toughness, elasticity and durability. Hence, there has been a regular deluge of requests for samples.

The distribution of these samples has served the purpose of emphasizing the importance of buying the best quality of wire fence.

The Page Woven Wire Fence Company has enjoyed one of the most successful years in its history. The little "sermons in steel," as the samples are called, have carried conviction to thousands. If you have not already done so, write a letter or postal card to the company, Box 222, Adrian, Mich., and get a free sample of Page Woven Wire Fence.

IMPORTANT NOTICE.

C. E. Spaugh, Rugby, Ind., the well-known Barred Rock breeder, requests us to announce that after May 15 he will fill orders for eggs from his best pens at one-half price, or \$2.50 per 15. This is a rare opportunity for our readers to get the benefit of Mr. Spaugh's years of labor in bringing his stock up to their present high state of perfection. Send in your order now to be filed on May 15. Mention American Poultry Journal when you place your order.

The Candee Incubator & Brooder Company, DeWitt, N. Y., which has been manufacturing brooding systems for a number of

Mansfield, Tiffin, Ohio State Fair, etc. Besides White Wyandottes they are shipping chicks from Columbian and Buff Wyandottes, White Orpingtons, S. C. and R. C. Black Minorcas, Barred and White Plymouth Rocks, White and Brown Leghorns and R. C. Rhode Island Reds of equal quality. This company was incorporated under Ohio state laws by several well-known breeders of the fancy and is one of the few mammoth hatcheries that hatch eggs from strictly fancy stock and price their chicks so anyone can afford to own the best. They issue a free catalogue and their ad can be found on another page. Look for the stork.

Are you congratulating yourselves on your big hatch? If you will listen you will hear another sound of rejoicing. It is the lice that are congratulating themselves on the same large hatch as usual. The heat and moisture problem is the least of their troubles. Their young never die in the shells, they come able bodied and ready for work, teeth and all. You have the superior intelligence to combat these pests in the interest of your little chicks. Use it this year and get in ahead of the lice. Use Dustyne under your hovers, in your brooders and later in your colony houses. The Dustyne way is the sure and intelligent way to handle the lice and mite problem and at just this season we cannot urge you too strongly to use Dustyne in the interest of your little chicks.

Jonas Hayner, Livingston, N. Y., the Barred Rock breeder, who knows how to



First prize Single Comb Black Minorca cock at Chicago, 1909. Bred and owned by Charles G. Pape, Ft. Wayne, Ind.

produce birds good enough to win at Madison Square Garden and Buffalo, is offering eggs for balance of season at \$3 per setting. This is the month in which to hatch your next season's winners and you cannot do better than to order a setting or two of eggs from Hayner. Send in your order at once and mention American Poultry Journal. You will get a square deal.

H. J. Shann, Painesville, Ohio, the well-known S. C. Black Minorca breeder, reports that his eggs this season are hatching exceptionally good. This, together with the fact that his birds have been prize-winners at all the leading shows, assure his customers satisfaction. His prices are reasonable and those interested in this variety cannot do better than place their order now for one or more settings. Write him today and mention American Poultry Journal.

J. F. Van Alstyne, Niverville, N. Y., has just issued a very neat and attractive 12-page and cover booklet describing America's leading strains of Silver and Columbian Wyandottes. Mr. Van Alstyne produces stock good enough to win at such shows as Madison Square and Boston. Better write

him for prices and particulars, and mention American Poultry Journal.

AN ENCOURAGING REPORT.

E. W. Bogert, proprietor of Bay View Poultry Farm, Port Washington, N. Y., originator and breeder of the Bay View Strain R. C. R. I. Reds, reports that on April 7 he had 1,200 chicks out, hatched from his best pens. He says they are doing fine and he expects some very high-class stock, as his breeders are the best he ever owned, and he bred the first prize cock for Madison Square last year, and has in his yards his mother, two sisters and several of his daughters. His eggs are very fertile this season and hatching remarkably well. He is now offering some of his breeders for sale at prices to move them quick. This is your opportunity.



THE Best Investment Any Cow Owner Ever Made

That's what MORE THAN A MILLION COW OWNERS the world over have found the DE LAVAL CREAM SEPARATOR to be, after thirty years of separator use.

A DE LAVAL FARM SEPARATOR costs from \$40.- to \$175.- according to capacity. It saves butter fat and produces a cream of superior quality over any setting system or any other separator every time it is used,—twice a day every day in the year.

It involves far less labor than any setting system, and runs easier, has greater capacity and lasts from two to ten times longer than any other separator.

That's how a DE LAVAL separator saves its cost at least the first year, and frequently in a few months, and then goes on doing so right along for an average of twenty years.

Any desired separator information can be had of the nearest DE LAVAL local agent or of the Company directly.

The De Laval Separator Co.

165-167 BROADWAY NEW YORK	178-177 WILLIAM ST. MONTREAL
42 E. MADISON ST. CHICAGO	14 & 16 PRINCE ST. WINNIPEG
DRUMM & SACRAMENTO STS SAN FRANCISCO	1018 WESTERN AVE. SEATTLE

years, has now patented and put on the market an Incu-Brooder that can be made in sizes ranging from 2,400 to 20,000 eggs capacity.

The Incu-Brooder has been in successful operation at several plants for some time. It is meeting with excellent results. The machine is not controlled by a float or other frail method. On each compartment is an individual regulator in addition to the absolutely reliable automatic regulator attached to the coal-burning heater. An even temperature is guaranteed by the makers.

Another patented feature of the Incu-Brooder is that which allows the shutting off of any one compartment without interference with the balance of the machine. This feature gives the poultryman an opportunity to operate only the parts of the machine which he has need of and makes it very economical.

The Candee Company has recently been incorporated for \$50,000 and is now erecting a large and modern factory at DeWitt. Connected with the concern are some of the best men in the poultry and heating business in the East. The "father" and organizer of the new company, W. B. Candee, has a national reputation as a successful poultryman and is receiving the congratulations of his many friends on the launching of the new enterprise.

The new Candee catalogue should be in the hands of every poultryman.

On another page will be found a photo from life of one of the winning White Wyandotte cockerels at the Cleveland show, 1910. This bird was bred by the Co-Operative Breeding & Hatching Company, Tiro, Ohio, and heads one of the pens from which they are producing day-old chicks. He is only one of fifty grand breeding males they are using in their yards that have won the past season at such shows as Cleveland,

QUALITY ALWAYS WINS OUT

Winners Madison Square Ga den
Single Comb Brown Leghorns
 1907 1908 1909 1910
 Astoria Leghorn Yards, 240 Jamaica Ave., Astoria, L. I.

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct; freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now. **FREE**

M. M. JOHNSON, CLAY CENTER, NEB.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : : KEY, OHIO

Greenwood & Yeoman's

Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business. Box 1334 - - Paterson, New Jersey

GET BETTER CROPS

with half the work. You need a Planet Jr. Farm or Garden Implement. New catalogue free. Write today. S. L. Allen & Co., Box 1107T, Philadelphia.

Beautiful Golden Brown Partridge Plymouth Rocks

Prize stock. Eggs, \$2 per 13. Barred Rock eggs, 50c per 13. Both varieties, good layers. : : : :

MRS. STELLA McCONNELL
 4302 Grand Ave., Omaha, Neb.

Farm Journal

Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper. : :

Wilmer Atkinson Co., Philadelphia, Penna.

S. C. REDS

My Reds are perpetual layers. Bred from Indianapolis, Cleveland and Chicago winners. First pen headed by a son of 2nd Chicago cock, 1909. Eggs, \$1.50 and \$3.00 per 15. Write for mating list.

H. F. Kennerk R. F. D. 7 Fort Wayne, Indiana

Reduction

Kulp's Wonderful Rose Comb Brown, 242-egg strain; **S. C. Brown**, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs. Two of greatest strains bred.

S. C. White, big white 236 egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

Barred Rocks (Bradley's), won \$100 cup, 1909, big finely barred birds and great layers.

S. C. and R. C. Rhode Island Reds (Tompkins'). Eggs, after May 15, \$1 per 15; \$6.50 per 100. Special pens, half price. Catalogue.

Big Pekin Ducks, eggs \$1 per eleven.

W. W. KULP

Box 70, :: Pottstown, Penna.

E. L. GEISEL, MORGANVILLE, N. J.

While at Morganville, N. J., I visited the yards of E. L. Geisel, who has 19 acres for the production of his Barred Rocks and Cuckoo Wyandottes. The farm is set out to peach, pear and apple trees, which to my way of thinking is the proper plan to pursue for those going into the poultry business. Fruit and poultry make a good combination, and means you get two crops from the land. Here I found eight pens of No. 1 Barred Rocks in quality, of extra large size and splendid layers. These were housed in the long breeding house. The young stock have colony houses and free range, which, combined with good care, give them their strong constitutions and large size. The large incubator cellar was full of machines, which were hatching at the time of my visit, March 20. Mr. Geisel reported business fine and expects to raise 3,500 chicks this season and is ably assisted by Mrs. Geisel, who is an expert in the handling of incubators and brooders. Five years ago Mr. Geisel conceived the idea of producing a Wyandotte with the plumage of the Barred Rock, and now has a most beautiful fowl with correct Wyandotte shape. At Madison Square Garden this last winter they attracted much attention, and I look for this new breed to become very popular in the near future. He reports them as exceptional layers. One hen laid 241 eggs last year. I was most favorably impressed with the Cuckoo Barred Wyandotte, as they have been brought to a high state of perfection by Mr. Geisel, who has spared neither time or money to get them to this point; and well merits the splendid business he now enjoys. His winnings on Cuckoo Wyandottes are Orange, N. J., 1909, first cock, hen, cockerel and pullet; Madison Square Garden, 1909, third cock, hen, cockerel and fourth pullet; Paterson, N. J., 1910, first cock, hen, cockerel, pullet and pen; Richmond Hill, N. Y., 1909, first cock, hen, cockerel and pullet; Red Bank, N. J., 1910, first cock, hen, cockerel, pullet and pen. On Barred Rocks Mr. Geisel has been very successful in the show room, some of his winnings being Orange, N. J., 1909, second pen, fourth cock, fourth cockerel, fifth hen; Paterson, N. J., fourth cock, third cockerel, fourth hen, fifth pullet; Red Bank, N. J., 1910, first exhibition cockerel bred pen, first and second pullet bred pen, fourth cock, fifth hen, fourth and fifth cockerel. At Red Bank, N. J., 1908, Mr. Geisel won the silver cup for best display on 38 points and numerous other specials.

Harry M. Lamon.

ADVANCE POULTRY FENCE GIVING SATISFACTION.

No matter what the manufacturers say—the surest proof of the value of any fence is what purchasers say. A good many of our readers have bought Advance Poultry Fence and it seems to be giving such universal satisfaction that it deserves special mention in our editorial columns.

Mr. Charles Berryhill, of St. Paul, Minn., recently wrote the following letter to the manufacturers of Advance Poultry Fence:

"I am so well pleased with the purchase last spring of a 10-rod roll of your fence that I expect later this spring to order a 20-rod roll of you. I hesitated at first about the purchase for fear that the stays (9 inches apart) were not close enough to turn fowls, but after a year's use I find it fits the purpose as well as the 2-inch chicken wire, with the material immensely superior."

It would be well for you to write to the Advance Fence Co., Elgin, Ill., for a price on Advance Poultry Fence, which is sold direct from factory to you at lowest factory prices and all freight prepaid. The company will be glad to send you points of construction and advantages. You will be interested in the continuous stay-wire feature—and the extra heavy galvanizing.

Write them a postal card now—and simply say, "Send factory price, freight prepaid, and description of Advance Poultry Fence." Then address the postal to the Advance Fence Co., Box 119, Elgin, Ill., and mention this paper for most prompt attention.

F. S. Smith, Hamilton, Ohio, the Single Comb Buff Leghorn specialist, reports a good trade in eggs and day old chicks, and has now over 3,000 young chicks ready to ship. He has 40 pens of S. C. Buff Leghorns mated for eggs this season, and he is operating seventeen 250-egg incubators and is therefore in a position to fill all orders promptly. He also states that from the one insertion of his ad in our March issue he sold over \$100 worth of stock. This is a remarkably good showing, owing to the fact that he is a new advertiser in our columns. But he delivers the goods.

S. C. BUFF ORPINGTONS

Eggs for hatching from hardy, prolific, fresh air housed stock, \$2 for 15, \$6 for 50. Mating list sent upon postal request. : : : :

H. Brevoort Zabriskie, 18 Elm Street, Woburn, Mass.

Barred Rocks, Toulouse Geese, Bronze Turkeys and Pekin Ducks

Stock and eggs in season. Write for prices.

Gus. A. Lengfelder R. F. D. 9 Mt. Vernon, Illinois

Divinia's Exhibition Bar'd Rocks

I am offering both cockerel and pullet bred birds, large and full of quality. My new annual catalogue free for the asking, illustrated with tone to life photos. S. T. DIVINIA, Route 2A, St. Joseph, Missouri.

S. C. Black Minorcas

Winners wherever shown. Eggs from choice select matings, \$3 per 15. Satisfaction guaranteed. LONGVIEW POULTRY EARM, J. Frank Parr, Proprietor, Station 1, Box 767, East Liverpool, Ohio.

White Wyandottes

Come on and book your orders for eggs before you are too late. Two dandy pens. Quality strain.

J. J. Heverly & Son :: Center Point, Iowa

R. C. Black Minorcas

Eggs for sale from Pittsburg and East Liverpool winners and grand Winter layers, score to 95%.

Harry Johnson, Box 322, East Liverpool, Ohio

Wonderful Reports

I am receiving wonderful reports from the New Type Incubators and Brooders which I have placed on the market. It will pay you to write for the special prices we are making new customers at the present time. Remember the machines are fully guaranteed.

NEW TYPE INCUBATOR WORKS
 BOX 126 - - EAST COLUMBUS, OHIO

World Famous Incubators

are the best because the principles used are the best. No turning eggs by hands, our new turning device turns them all at once—a thousand turned as easily and as quickly as one, without jolt or jar. You can't overheat it, our new double regulator makes it impossible to overheat. Write for catalogue—it's free.

W. M. Lininger, Box 271, Hinton, Okla.

BUFF AND BLACK ORPINGTONS

The Famous Phelps Strain brings results and insures large, perfect, vigorous birds. Eggs \$3, \$5 and \$10 per 15. All infertile eggs replaced at once if returned by the 12th day.

Charles A. Phelps, Fort Wayne, Indiana

Jones' White Orpingtons

At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female. : J. W. Jones, Brookfield, Mo.

ANDREWS'**WHITE WYANDOTTES**

Winners at Boston, Chicago and other prominent shows. Won first pen at Boston four years in succession and first cockerel 1907, 1908 and 1910. Buy your eggs from a strain that has a winning line back of them and can win now. Send stamp for 1910 mating list. : : :

J. W. ANDREWS
 Box J, Dighton, Mass.



**Cures
Prevents**

Bowel Complaint

'The greatest of all my discoveries, during my more than **25 years** of actual work with poultry, is how to **raise** the chicks **after** they are hatched. Bowel Complaint alone kills millions of little chicks every year, and in offering a positive preventive and cure for this disease I feel that I have contributed materially to the science of successful poultry culture.

My latest book, "Lee's Chicken Talk," tells all about this and many other things I have learned, some of which, I am sure, will be helpful to you, and I'll be glad to mail you a copy free on request.

Cheap at \$5.00 a Box

After my experience with Germozone I am satisfied it would be cheap at \$5.00 a box. Had 88 sick chicks in my brooder on July 1, used Germozone on them and still have **every** chick. It is a wonderful medicine and you deserve to make a million dollars out of it alone. Mrs. F. M. FRANCIS, Dalton, Pa.

We could send you a thousand letters just as good as the one above. Germozone is aiding thousands of poultrymen all over the world to raise **50 per cent** more chicks **annually** than they ever did without it. It is almost **infallible** as a preventive and cure for Bowel Complaint, Cholera, Chicken Pox, Roup, and other poultry diseases; at once the cheapest and most reliable poultry medicine ever manufactured.

Price 50 cents. At your dealer's, or by mail postpaid. Don't take the "just as good" kind—there isn't any. Watch for the name—**LEE**—and know you are getting the best.

GEO. H. LEE CO.,

1101 Harney St., Omaha, Neb.

A GOLD MINE OF PROFIT!

My **QUEEN** Incubator is a gold profit maker when used in summer or winter. Try it on my liberal plan. **SUMMER PRICES NOW.** I pay freight, give three months' trial and five year guarantee. Send for Free Catalogue and Poultry Guide. Wickman, Queen Incubator Man. Box 4, Lincoln, Neb.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. **FRANK FOY, BOX B., DES MOINES, IOWA**

WE SHIP ON APPROVAL

without a cent deposit, prepay the freight and allow **10 DAYS FREE TRIAL.**

IT ONLY COSTS one cent to learn our unheard of prices and marvelous offers on highest grade 1910 model bicycles.

FACTORY PRICES Do not buy a bicycle or a pair of tires from anyone at any price until you write for our large Art Catalog and learn our wonderful proposition on first sample bicycle going to your town.

RIDER AGENTS everywhere are making big money exhibiting and selling our bicycles. We sell cheaper than any other factory.

TIRES, Coaster-Brake rear wheels, lamps, repairs and all sundries at half usual prices. Do Not Wait; write today for our special offer. **MEAD CYCLE CO., Dept. W123 CHICAGO**

A FAMOUS POULTRY BREEDER GIVES ADVICE.

In answer to many inquiries asking me what I consider to be the best way of starting in the poultry business, whether with stock or eggs, will say: A great deal depends on the beginner's financial condition. The purchasing of stock is desirable under certain conditions where the saving of money is not the object, but for the man in moderate circumstances I would strongly advise the purchasing of eggs from a reliable breeder; first, because it is more economical; secondly, because the novice will be able to start at the very beginning and grow up with the business, and by so doing he will learn by practical experience the many lessons in A, B, C poultry culture that will prove of the greatest possible benefit to him later on as his flock increases in number. I have been in the poultry business a great many years and I think I know some of the ups and downs of the business. I have never persuaded any one to go into the poultry business without also giving him some idea of how to take care of the little fellows when they are hatched. Do you realize this is the greatest "pitfall" a new beginner has? In fact, many of the older breeders are in the "pit" yet. I think it safe to say that 75 per cent of the chicks hatched die with bowel trouble, balling up about the vent, cholera, etc., etc. Many a man has given up the poultry business in disgust because of this most aggravating of all poultry troubles. Some years ago I myself felt prompted to throw the business up in despair, having tried and experimented with every known remedy, all to no avail. Now that you ask me to write an article for the new beginner, I want to give that new beginner the benefit of my experience. I have lost little chicks by the thousands from bowel trouble, but about five years ago I commenced feeding them what is known as medicated charcoal; and since that time we seldom lose a chick. When we hatch out a certain number of chicks we have reasonable assurance of bringing them through to maturity. I know positively that 90 per cent of the people who fail to make a success of the poultry business will admit it to be on account of either roup or bowel trouble in chickens, such as balling up about the vent, white diarrhoea, cholera or dysentery. These troubles can be guarded against and cured if gone about right. Medicated charcoal is the one thing to have on hand, and it can be gotten from the Des Moines Incubator Co., at Des Moines, Iowa. I don't recall just what the present price is, but if interested you can write a line to this concern and get all particulars.

I believe that while we try to persuade people to go into the poultry business, we should at the same time familiarize them with some of the trials they will meet with and thus save them much unnecessary disappointment. In conclusion I will say, I have found the poultry business pleasant, agreeable and profitable and would not change for any other business I know of.—F. J. Tishenbanner, manager, Iowa Poultry Yards.

The attention of our readers is directed to the large advertisement of the Taylor Instrument Companies of Rochester, N. Y., which will be found elsewhere in this issue.

This company is the manufacturer of the well-known "Tycos" incubator thermometers and hygrometers. Their long experience in the making of thermometers and a careful study of the incubator users' needs enable them to produce the instruments of absolute accuracy, adapted to the peculiar requirements of incubators.

Those intending to purchase incubators will protect themselves from the possibility of getting inferior thermometers with their machines if they insist upon the "Tycos" instruments. It is also possible to obtain these instruments at nearly all poultry supply dealers. If your dealer does not have them you can obtain them by writing to the advertiser. Write before you buy an incubator for their free booklet, "Thermometer Facts Worth Knowing." Mention this paper.

W. D. Lipe, Litchfield, Ill., the well known Rhode Island Red breeder, reports the safe arrival of a shipment of his Reds in Cape Town, South Africa, which he sold to J. Liebrandt last December. They arrived in good condition and his customer is well pleased. It pays to raise good birds.

Willow Shade Poultry Farm, Newark Valley, N. Y., have just issued a descriptive circular and price list of baby chicks and eggs for hatching. Their prices are very reasonable. Send for a copy and mention American Poultry Journal.



Concrete is Economical and Indestructible

Some farmers have not investigated concrete and its many uses on the farm, because they think it is a costly building material. *This is a mistake.* Concrete is economical, sanitary and permanent. It never wears out—cannot burn—and never requires repair. Many of the smaller improvements you yourself can build.

Send for FREE Book

Write for our handsome 168-page book—"Concrete Construction About the Home and on the Farm." It tells how to make and use concrete. This book contains many plans, specifications and photographs of farm structures that can be made of concrete.

ATLAS Portland CEMENT

Makes the Best Concrete

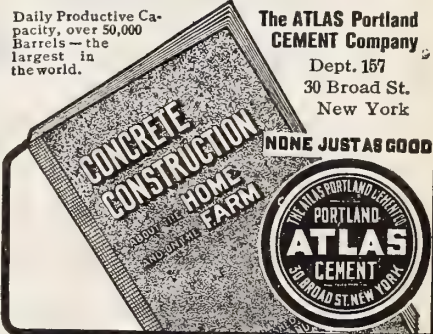
The standard brand of cement used in concrete building is ATLAS. It is uniform in composition—the same for everybody. Atlas Portland Cement is made of genuine Portland Cement rock. It contains no furnace slag.

Ask your dealer for ATLAS. If he cannot supply you write to

Daily Productive Capacity, over 50,000 Barrels—the largest in the world.

The ATLAS Portland CEMENT Company

Dept. 157
30 Broad St.
New York



More Eggs in the next thirty days

Feed your hens green bone, cut with a Stearns Bone Cutter. We will lend you one to try, free, for the next 30 days. If your hens don't lay lots more eggs, don't pay for it. Write to-day for catalog and booklet, "How to make poultry pay."

E. C. Stearns & Co., Box 5, Syracuse, N.Y.

\$5 NO MONEY IN ADVANCE

The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days' free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.

Stratton Mfg. Co., Box 17, Erie, Pa.

AND UP

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction."

75c

WILSON FARM, MORRISTOWN, N. J.

Wilson Farm is located about four miles out of Morristown, N. J., on the celebrated Mendham road. There are 150 acres all told in the farm, of high, dry, well drained land, which is and I believe will be a large factor toward success as this farm grows. Here I found a business Single Comb White Leghorn farm, which today numbers 1,500 birds and is a success. It is business all the time at Wilson Farm, and things go right. The standard type of house here is 100x20, and the birds are kept in flocks of 500 each and have free range. Every device that is practical is used here that will save labor, which means the labor problem is cut down to the minimum. That part of the farm used for the poultry is set to fruit trees, which is only another example of fruit and poultry being the correct combination for the poultry man. The balance of the farm is worked along correct agricultural lines, much of the feed for the poultry also being grown. Alfalfa is grown extensively, and the day I visited the farm they were putting in thirty acres of oats. Like everything else that is done at Wilson Farm the buildings are built along practical lines and set on brick and concrete foundations. And we were informed that three new buildings of the standard type were to be put up this summer in addition to one of the new mammoth incubators. The birds here are kept under most favorable conditions, and the brooder house, which was full of young chicks, showed the

vitality of the parent stock. The breeding birds are exceptionally healthy and of fine type. Many specimens were seen fit to show at any exhibition and win. White Leghorns that were well up on legs, with good, deep breasts, medium length backs, with low carried, well spread tails, were seen by the dozen, and I believe that Wilson Farm has one of if not the best flock of fancy and utility Single Comb White Leghorns to be found today. They do an extensive business in day old chicks, and market their eggs to an exclusive trade, which demands absolutely the best. Satisfaction or your money back is their method of doing business, and I gladly recommend them to our readers. They start a yearly "ad" with American Poultry Journal in this issue. Look it up.

Harry M. Lamon.

All poultry raisers have experienced large losses through the depredations of rats and mice, and this is particularly the case during the hatching season. It is, however, difficult to contend with these troublesome rodents, as traps are generally unsatisfactory and poisons cannot be used for fear of causing even greater losses by killing poultry and domestic animals.

This difficult problem, however, seems to have been solved by the Pasteur Vaccine Company, whose advertisement appears on another page. Their experts, who have made so many wonderful discoveries of vital interest to humanity, have devised what may be termed the "Ideal Rodent Exterminator." It is a virus furnished in gelatin or bouillon

form and is fed to the rodents on bait, which in the course of a few days causes a mortal and contagious disease that, however, only affects rats and mice.

Our readers will find it to their interest to investigate this matter thoroughly. Here is an exterminator that will not only destroy rats partaking of the bait but also those that come in contact with them, and, what is of prime importance to the poultry raiser, is that he can use the virus with impunity anywhere, thus killing off only those which he desires to get rid of.

By writing either to the Chicago or New York office of the above mentioned firm, they will be glad to send you literature if you mention this paper.

Have you had a copy of George M. Kline's catalogue, which tells all about his celebrated strain of Regal White Wyandottes? Mr. Kline has succeeded in producing White Wyandottes that were good enough to win the blue at the largest shows in the country, and is now offering eggs at reduced prices for the balance of the season. Write him at once for full particulars. Address George M. Kline, Box 64, Downer's Grove, Ill.

Ben W. Wilhite, Crawfordsville, Ind., breeder of Single Comb Black Minorcas and Buff Orpingtons, is offering eggs from choice matings that cannot help but give satisfaction, as they are as good as the best. Write him for special prices this month and mention American Poultry Journal.

40 BREEDING YARDS OF SINGLE COMB BUFF LEGHORNS

The largest Buff breeder in the world. My birds are bred to lay. Ten pullets in 1908 averaged 222½ eggs. Each bird mated in my 40 pens is a show bird and I have over 500 of them that are the pick of over 4,000 raised last year. In 1908 I won most of the ribbons at Hamilton and the great Cincinnati show, and 2 silver cups for best display. In 1909, at Hamilton, 1st cock, 2d and 3d hen, 1st and 2d cockerel, 1st pullet, 1st pen and silver cup for best display. In 1909, Cincinnati, 1st cock, 2d hen, 2d and 3d cockerel, 2d and 4th pullet, 2d pen and special for best colored male in show. The great St. Louis show, 1909, 2d cock, 2d pen, 3d pullet, 5th cockerel. Chicago, 1909, 3d pen; showing at the above three shows at the same time. Dayton, 1910, 1st and 2d hen, 1st and 2d cock, 1st, 2d, 3d and 4th pullet, 1st pen, four club ribbons and silver cup for best display in Mediterranean class. Columbus, 1910, 1st cock, 5th cockerel, 2d pullet, 2d hen, 1st pen. Cleveland, 1910, 3d cock, 5th pullet, 1st pen. Indianapolis, 1910, 2d cockerel, 2d pullet, 4th cock. Toledo, 1910, 1st hen, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st pen. I have over 900 birds for sale and running 17 250-egg incubators and can furnish day-old chicks at \$20 per 100; eggs, \$2 to \$10 per 15, and \$10 per 100. Write me if you want good stock or eggs.

F. S. SMITH, BOX C & D, HAMILTON, OHIO

Shady Lawn Poultry Farm Breeders of

ALL VARIETIES OF WYANDOTTES, BUFF AND BARRED ROCKS, SILVER SPANGLED HAMBURG, BUFF AND BROWN LEGHORNS and leading varieties WATER FOWLS and TURKEYS. Winners at Allentown and Williamsport A. P. A. show. Also won silver cup for best Leghorn at Williamsport. Stock for sale. Eggs from grand matings. Note Judge Schwab's report of my farm and stock. Send for handsome illustrated catalogue. Prices reasonable.

B. F. Kahler, Prop. - Box A - Hughesville, Penna.

DILLON & BELL WIN

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio

"AFTON FARM"

**Mammoth Imperial Pekin Ducks
Single Comb White Leghorns
Barred Plymouth Rocks
Cornish Indian Games
White Wyandottes**

ARE BIRDS OF QUALITY AND PRODUCTIVENESS

Naturally, you want the greatest possible value for your money, therefore get our free booklet before placing your order : Please mention A. P. J.

**S. B. & E. W. TWINING : "AFTON FARM"
YARDLEY, PENNA.**

Among Pennsylvania Breeders

The Poultrymen Cover This State as With a Net—The Varieties Bred Include All Standard Breeds—Ideal Climate and the Best of Markets Spell Universal Success—"The Breeders and the Birds We Met."

Written by H. P. Schwab, Eastern Representative American Poultry Journal, Irondequoit, N. Y.

THIS great state of Pennsylvania is a regular fancier paradise. Natural conditions make it so. Within its limits some over seven millions of people are at home on close to 45,000 square miles of land. We do not know the poultry population, but go where you will, you will find the fanciers and the poultry in quality and numbers.

To the traveler Pennsylvania appeals strongly for its natural beauty; here are mountains enough to satisfy all whose dizzy heights reach the clouds; ravines deep and grand, and as you are hurled by, there is enough change from one to the other to keep you awake to enjoy the beauties rapidly offered in succession. The mountain streams carefully winding their way down, and the rivers, high at this time (March) of the year, sweeping all before them, form a part as attractive as they are natural. Rich as Pennsylvania is in coal, oil, mineral, etc., it is far richer in climate and nature. Everybody seems happy, healthy and content. Well earned prosperity is evident the result of industry. Its poultrymen are of the up-to-date kind, fully awake to all their interests, as the following descriptions of the stock seen will prove:

Erie, Pa.

Here we first met Mr. Stratton of the Stratton Manufacturing Company, makers of "The Dandy" Green Bone Cutters. They have a very large plant fully equipped with every machine and device to insure the manufacture of perfect machines, a pretty good idea can be had of the size of this plant as well as to the present condition of the poultry business, when it is known that their sales of bone cutters run upwards of 15,000 per year, and as Mr. Stratton well said, "It is a continually growing business with ever increasing demand."

"The Dandy" is well named, and well made. The value of green cut bone for laying hens and growing chickens is acknowledged, and no doubt their catalogue will interest many of our readers. Note their advertisement in this issue.

F. W. Peters, Erie, Pa.

Mr. Peters breeds White Plymouth Rocks that have a show record as long as the years he has been breeding. For this year he has mated three pens that are carefully selected and grandly mated. His birds have grand size and shape and are as white as new snow. These matings impressed me very favorably and am sure grand results will be bred here. Mr. Peters' show record includes winnings at Erie, Cleveland, Youngstown, Sharon, Painesville, etc. At the Ashtabula he won the special for highest scoring pen at the show, etc. This year his winnings are: Youngstown, Ohio, first cock, first cockerel and fifth pullet; at Williamsport, Pa., in a grand class, he won third cockerel and fourth and fifth pullets in four entries. Mr. Peters is a very enthusiastic breeder; he has seen years of service as a member and also as secretary of the Erie Poultry Association.

tion. He knows the makings of a valuable show and breeding bird, and has well earned the success he has made as a breeder.

At Erie we also met Mr. Wm. Sappers, breeder of White Minorcas and some others. Mr. Sappers is a well known breeder and has a splendid show record on his birds.

C. F. Webster.

At Girard, Pa., we visited Mr. C. F. Webster and his White Plymouth Rocks. Here we found an exceptionally fine plant devoted exclusively to White Rocks and a quality of stock that both pleased and surprised us. Mr. Webster has been breeding for a great many years and his birds have made a reputation second to none at some of our best shows. His Cleveland (Ohio) record in particular, where he won all five first prizes, is worthy of special consideration. Here we found five pens mated for this season's breeding that give every assurance of producing improved quality. The matings are all small and only the choicest specimens are used. Shape prevailed, with color and head points very close up.

Our attention in particular was attracted to the males heading the pens. Three cocks and two cockerels are used. Every one of them both rare and choice specimens. The cock heading pen No. 1 we believe to be one of the five best White Rocks we have ever seen, his form, with simply snow white plumage and grand red eyes and pure yellow legs, make him one of the grandest. Both the other cocks and the two cockerels were close up in every quality. The pen No. 4 cockerel is a most promising bird, sure to make a record. Mr. Webster is a most careful breeder. His personal interests are in his birds, and he will leave his bank at any time to show his stock, of which he has every reason to feel very proud. This season he has issued a descriptive circular of his matings, which is mailed free to all interested. His line is the "Graves Strain" pure. Mr. Webster has some grand cockerels to spare, bred from his best.

E. H. Lichtenwalter.

Girard, Pa., is also the home town of our old and valued friend, Ed. H. Lichtenwalter, breeder of Buff Plymouth Rocks. We have seen this line of birds at Cleveland, Chicago, Buffalo, New York State Fair, etc., for years, where they have al-

IF EVERY POULTRY RAISER USED MEDICATED CHARCOAL, 150,000,000 MORE CHICKS WOULD BE RAISED TO MATURITY EVERY YEAR.

THIS letter from the President of the National Poultry Association will interest every poultry raiser in the country. Money could not buy a letter like this; it comes to us entirely unsolicited.

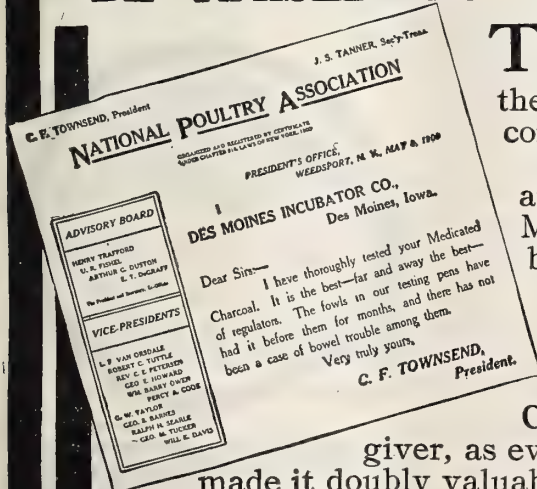
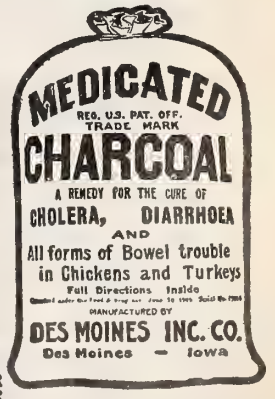
We have the greatest remedy for common chick ailments that ever went into the poultry-yard. Our Medicated Charcoal not only prevents but cures all bowel troubles. It positively

Saves Your Chicks From White Diarrhoea and Cholera

Charcoal alone is a wonderful health giver, as every poultryman knows. We have made it doubly valuable by giving it just the right medicinal properties. It purges, cleanses, purifies the blood, kills germs. It gives health, vigor and life to both fowls and chicks, renders them immune to disease. Carefully prepared under a scientific formula and guaranteed under the Pure Food Law. Its cost is nothing compared to the good it does in saving Chicks' lives. Don't fail to try it. In bags of convenient size; 10-lb. bag, \$1.00; 25-lb. bag, \$2.25; 50 lbs. \$4.25. Write today for Free Book.

NOTE:—Send 10c for booklet on Proper Feeding and Care of Chicks, Ducks and Turkeys. It will enable you to raise almost every chick hatched. Best Poultry Paper, 1 year 25c.

DES MOINES INCUBATOR CO., 269-4th St., Des Moines, Iowa SEND US THE NAME OF YOUR POULTRY SUPPLY DEALER



Driven Home

This personal, unsolicited letter is from the first purchaser of a

Sharples Tubular Cream Separator

in Kearney County, Nebraska. You could not ask a better one.

"Minden, Neb., March 1st, 1910.

To Farmers: I bought the first Sharples Tubular No. 4 that was sold in Kearney County, 11 years ago. This machine has been in constant use ever since and I believe it is as good as the day I bought it. I have been milking from 6 to 14 cows during these years, until two years ago, when I turned the machine over to my son, who is still using it on the farm. This machine has not cost us one cent for repairs of any kind. It turns easy and skims perfectly. It is easy to oil, as you just pour a cup of oil on the wheels and the wheels

run in oil. It is easy to clean, as there are only two pieces to the bowl to wash. It is always in shape, as there is less machinery about it than any other machine.

PETER SODERBERG."

Tubular superiority has driven home to farmers the fact that Tubulars are The World's Best. Sales easily exceed most, if not all, others combined. Tubulars probably replace more common separators than any one maker of such machines sells. World's biggest separator works. Write for Catalogue No. 205

THE SHARPLES SEPARATOR CO.,
WEST CHESTER, PA.

Chicago, Ill. San Francisco, Cal. Portland, Ore.
Toronto, Can. Winnipeg, Can.



LAWN FENCE

Many designs. Cheap as wood. 32 page Catalogue free. Special Prices to Churches and Cemeteries. Coiled Spring Fence Co. Box 408 Winchester, Ind.

White Diarrhea

kills its thousands and tens of thousands every year. No flock is absolutely immune. The way to overcome it is by thorough disinfection, cleanliness, proper feed and the use of the right remedy.

Conkey's

White Diarrhea Remedy should be used to treat the sick, and especially as a preventive among the others. It is given in the drinking water—no bother—no work. It is guaranteed to satisfy you or money will be cheerfully refunded.

Price, 50 cents postpaid.

The G. E. Conkey Co.
(26) Manufacturing Chemists
Dept. 18 Cleveland, Ohio, U. S. A.

ways shown strong in the winnings. This year at Chicago he won first cockerel and first pullet; at Madison Square Garden, New York, second pen, fourth cock, fourth cockerel and fifth hen; at Buffalo, 1909, won all five first prizes; at Cleveland, 1909, first cockerel, second hen, second and third pen, fourth pullet and shape male special. At Cleveland, 1910, first cock, first hen, second pullet and second and fourth cockerel on five birds shown.

His four matings are grandly made for results. Mating list for the asking.

Part of our time was also given to S. E. Shipman, North Girard, Pa., breeder of S. C. Buff Leghorns. He also has a grand show record, which his quality admits. Besides a choice buff color, his birds have grand heads and good size, features worth remembering.

Beaver Falls, Pa.

Here we visited the Fuller Manufacturing Company, makers of Vitazone. Hens won't eat Vitazone, is seen in all journals now. Look up their advertisement in this issue, and if interested write for particulars.

Mr. Joseph P. Hildorfer.

Pittsburg, Pa., has many attractive features; a city of close to 800,000 people, located in the center of mineral wealth, it is only reasonable to expect the traveler would be greatly interested. If the traveler be a poultryman, his chief interest would be to meet Joseph P. Hildorfer and to visit his S. C. Black Minorca breeding yards. You will find in Mr. Hildorfer a busy man, but never too busy to stop and greet a poultryman.

Here we seen more silver prize cups and prize ribbons than at any other place. He has been a consistent exhibitor for many years at the great shows, including Madison Square Garden, New York; Boston, Cleveland, Hagerstown, Pittsburg, the World's Fair, Pan-American, and others too numerous to mention, making a record through his eighteen years of breeding that is a credit to the man and the fancy alike.

This poultry plant occupies two acres of land within the city limits, with an assessed valuation of \$25,000. The buildings are modern and practical, with ample room for each pen. One feature seen here was the cock house, used for males after the breeding season. Each has a long half shaded runway, where they can rest and moult with every want gratified. Mr. Hildorfer raises from 250 to 300 birds each year, quality is his sole aim, and how well he has succeeded his winnings attest. At the 1910 New York show he won first prize pen and second cockerel; this after losing down of one of his houses two weeks before the show.

If we were to describe the birds seen there as we would like, it would take pages to do them full justice, which both space and time forbid at this time, therefore we now will only give a general idea of the quality seen here, excepting one or two matings. Pen No. 1 is headed by the male in first prize pen at New York, mated to seven females (there are but seven to nine females in each pen). This male has certainly improved even beyond his grand New York show condition; his color is simply immense, size and shape grand, and tail full and broad, finely carried. The females excell in every quality making a mating of merit. Pen No. 2 is headed by second New York cockerel, a very classy bird with rare color, a grand head and beautiful size and form. The females here are of the same grade, nothing lacking. We found fifteen matings here, each one of quality, and each one of promise. Type, the prevailing feature, with a sound, clear color, and the best of head points. Going from pen to pen it was the same story over and over again. Every pen on an equal, one with the other.

Mr. Hildorfer can well shake hands with himself. Starting as a basket boy, he has won his way to success. At the late New York show he was elected president of the American Minorca Club, and for twelve years he has served his home city as an alderman from a ward representing close to 30,000 people. His only fancy are the S. C. Black Minorcas, and how well he has succeeded is shown by his record as a breeder and the esteem of his fellow men. He has a neat circular giving complete information of his line, which should be in the hands of every breeder of Black Minorcas.

At Pittsburg (Fidelity Building) we again met our old friend G. L. Mead, breeder of Barred Plymouth Rocks. He has a suburban home and spends his leisure time caring for his poultry. We expect in the near future to find him contending for the awards at the exhibits. He has a quality flock and his egg record can well be considered his greatest pride. We will hear more of Mr. Mead later.

Spring Dresses

Style and durability blossom into beauty and economy in

Simpson-Eddystone Shepherd Plaids—

the cotton dress goods with perfectly fast colors. These calicoes have been the standard of the United States for over 65 years. Some with a new silk finish.

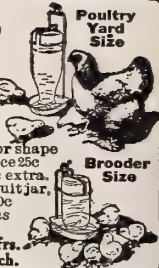
If your dealer hasn't Simpson-Eddystone Prints write us his name. We'll help him supply you.

The Eddystone Mfg. Co., Phila., Pa.
Established by Wm. Simpson, Sr.

DAVIS FOUNTS LIFE SAVERS

For young chicks. Keeps constant supply of clean, fresh water. Easily cleaned and filled. Best chick server made for either water or grit, grain, oysters, etc. Holds any size or shape ordinary glass bottle or can. Price 25c each; \$2.70 a dozen; postage 15c extra. Brooder size holds pint Mason fruit jar, 20c each; \$2.25 a doz.; postage 10c each extra. No bottles or cans included. Catalogue FREE.

THE KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 502 Battle Creek, Mich.



They die outdoors!

No mixing
No Spreading
No Muzz, No Trouble
Just crumble up a

Rat Bis-Kit

about the house. Rats will seek it, eat it, die outdoors. Easiest, quickest, cleanest way. 15c all drugists, or direct prepaid.

The Rat Biscuit COMPANY
18 Limestone St.
Springfield, Ohio

POULTRY

IN VIRGINIA

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LA BAUME, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.

Mr. Charles Shields.

We found Mr. Shields sick in bed, but improving, and in charge of Mr. H. J. Guckert, we had the opportunity to inspect most of Mr. Shields' Single and Rose Comb Reds. This line of birds is well known for their show record at New York, Pittsburgh, etc. Here we found birds of the choicest color, grand forms and beautiful head points. One R. C. cockerel won first prize and shape and color special at Pittsburgh. He is a beauty and owns one of the best heads we have ever seen, along with his other superb qualities. The Single Combs were of the same choice grade, as were also the females seen here.

Craig & Mapes.

At Mt. Lebanon, Pa., are the yards of Craig & Mapes, breeders of Buff and Black Orpingtons, and Rose and Single Comb Rhode Island Reds, of which they have twenty-eight pens mated for this season. These matings have been made with a knowledge of these varieties and with greatest care, as quality is the sole desire here. They have four special pens of Black Orpingtons, one headed by cock first at Philadelphia, 1909, and third at New York, 1909. He is a model in type and we were informed was used by the artists to illustrate Orpington type. One other pen is headed by a first prize Chicago winner, another by a first prize Cleveland winner, and the other the second New York pen male. In Buff Orpingtons there are eight matings that average up splendidly with the quality of the Blacks.

In Rose Comb Reds there are five selected pens, headed by second New York cockerel, also winner of shape special; another is headed by a grand old cock that has won four first prizes at Pittsburgh and other great shows. The females here excel in color and all have grand heads. Here are also found several beauty pens of S. C. Reds, good as they average, we seen one in particular that was easily as good as we expect to find at any place on the map. This cockerel won both shape and color special along with first prize at Pittsburgh's great show. We can well say all matings here are of the merit kind, the kind sure to give results, and we hope to see more of this firm's plant later. The plant is finely located, modern and practical. Both Mr. Craig and Mr. Mapes are enthusiastic fanciers. That they have succeeded is evident from the general high grade of all their stock, and we wish them every success for the future.

The Avon Farms.

At Pittsburg we also met the owner of the Avon Farms, Verona, Pa., breeders of White Plymouth Rocks. Here is another modern plant under the management of a thorough fancier. The Avon Farm White Rocks have been bred and shown for some years, particularly at Pittsburg, and we hope in the near future to show some illustrations of these birds.

Mr. J. Leroy Cunningham.

The Bred-to-Lay White Wyandottes and S. C. White Leghorns were seen at Mr. J. Leroy Cunningham's plant at Indiana, Pa. Here we found much to interest us. The feature of this plant is found in the egg records, made by this line of birds, as well as in their standard quality. Here Mr. Cunningham has succeeded, and within three years built up a plant I wish every one of our readers could visit. From the very first the eyes of the "Boss" have been on the egg basket and egg records. In the long poultry houses, with their several pens, as well as in all the colony houses, trap nests were used and the record of every bird on the place is kept. A lot of work to this, but it pays. The average egg yield has been increased over one-quarter, which alone pays running expenses, or nearly so.

Here we saw most excellent White Wyandottes and S. C. White Leghorns. Type a feature. It is very evident results are had here, for the quality of the stock proves all claims for them. America's champion hen (White Wyandotte) whose record for twelve consecutive months is 277 eggs; 17½ consecutive months, 361 eggs. She may well be called a champion, and Mr. Cunningham has her printed record as above, to which both he and his wife have made affidavits.

Mr. Cunningham has also issued a very neat catalogue, giving complete information regarding this hen and his matings, and this should be in every interested breeder's hands. We were most favorably impressed with this stock and plant, both are of the quality that insures success.

Williamsport, Pa.

This city has become famous for its breeders, as well as for the great poultry

COLUMBIAN WYANDOTTES

At Ohio Poultry Association, Columbus, January 10th to 15th, 1910, won first and second pullet; second hen; fourth and fifth cockerels. Eggs for hatching. Send for mating list.

C. L. Patterson - R. R. 33, Box 1, Barborton, Ohio

STYERS' COLUMBIAN WYANDOTTES

Our stock has won prizes at Chicago, New York and other great shows. If you want to raise chicks with black wings, fine, sharp laced necks and tail coverts, you will buy our eggs. We offer the best Columbian Wyandotte eggs for hatching ever sold at prices in reach of all. We guarantee fertility and replace all infertiles. Surplus stock all sold. Write at once. Eggs, \$5 per 15, \$8 per 30, and \$20 per 100, from prize matings.

Fred Styers, Route 25, Greensburg, Indiana

A SAFE POLICY

You pay for no spread eagle advertisement or extravagant claims. My reliable champion bred Single Comb Buff and Black Orpingtons must please you or may at once be returned at my expense. Describe your exact wants. :: :: :: :: :: ::

S. LUTTRELL

R. D. No. 1

WAVERLY, ILLINOIS

**BANTAMS**

Buff, White & Black Cochins

By paying long prices for my foundation stock, I have succeeded in building up one of the best flocks of Cochin Bantams in the United States. My 8-page catalogue and mating list will tell you all about them—sent free on receipt of 2c stamp.

George M. Hill, Station I, Jackson, Michigan

S. C. BROWN LEGHORNS

America's Winning Strain

At the great Indianapolis Show in competition with all the foremost Leghorn breeders in America we won as follows: 2nd and 3d Cock, 5th Hen, 3d Cockerel, 1st, 3d and 4th Pullet, 1st Pen, Specials, Silver Club Cup for best display, Special Best Shaped Female. If you want some Blue Ribbon Birds for next year shows, place your order for eggs at once. Eggs from my best pens, \$3.00 per setting, good hatch guaranteed.

LAUREL LEGHORN YARDS

E. J. Stuckmeyer, Prop., 1401 Prospect St., Indianapolis, Ind

HARRIES' WORLD'S CHAMPION WHITE ORPINGTONS**STILL IN THE LEAD**

At the great Philadelphia show, under one of our best judges, on two birds only, never before shown, 1st PULLET, 2nd COCKEREL, Silver Cup for best WHITE, Silver Cup for BEST ORPINGTON IN SHOW and two other Specials. This, with my great win of FIRST AND SPECIAL PEN AT MADISON SQUARE is sufficient to show that I have today

The Best White Orpingtons in America

My PULLET AT PHILADELPHIA was said to be by many competent judges THE BEST WHITE ORPINGTON IN THE COUNTRY. No stock for sale. Eggs \$10.00 per setting. Send for circular.

Fred Harries :: "Fernlea" :: Elmsford, New York

Better than the kind you now use.

It Keeps Chickens In

Protect your poultry with **SHIMER** fence. 35-40 high carbon steel, coated with pure zinc. "SHIMER" crimp insures life—needs fewest posts—no sags, no breaks, practically no wear-out. Special SHIMER for all uses. Factory prices. Buy no fence till our free Fence Book reaches you.

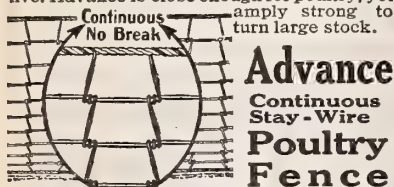
SPRING STEEL FENCE & WIRE CO.,
Box 184 Anderson, Ind., or Coffeyville, Kan.

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Freight Prepaid—30 Days' Free Trial

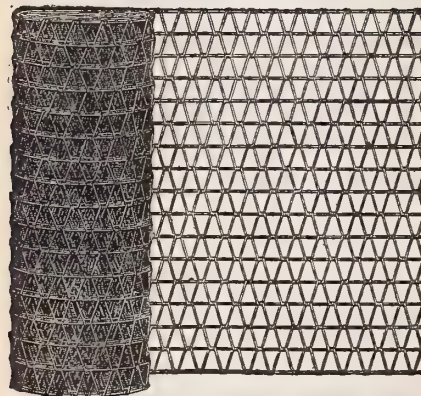
Don't buy a rod of fence till you get all the facts about the world's greatest fence and our low prices direct from factory here in Elgin. We pay freight, give you 30 days' free trial and money back if you're not satisfied—no matter where you live. Advance is close enough for poultry, yet amply strong to turn large stock.



Advance Continuous Stay-Wire Poultry Fence

The best-looking—strongest—constructed—longest-lasting fence produced. Made of Solid Wire with Continuous Stay-wire. Not cut and spliced. A cut wire weakens and points stick out to injure stock. Mail postal now to get all the facts and money-saving prices.

ADVANCE FENCE COMPANY
Box 119, Elgin, Illinois



POULTRY FENCE

33 CENTS A ROD For a 50-inch Poultry Fence. Two No. 12 High Carbon margin wires, ten No. 16 High Carbon line wires and No. 18 mesh wires. 2-inch mesh. Line wires 4 inches apart.

PRICE REDUCED from 37 cents a rod and is a big bargain at 33 cents. We make this fence 36 inches high at 27c, 45-inch, 30c, 54-inch, 36c, 59-inch, 39c, 63-inch, 42c, a rod. At these prices it is cheaper than the flimsy hex netting and will last for years. This is a very strong fence and posts may be set from 16 to 20 feet apart. Does not require baseboard or top-rail. Is easily stretched.

POULTRY GATE \$2.30 3½ feet wide, 48 inches high, covered with heavy poultry fence. Price includes malleable latch and hinges. Others will ask you \$3.00 for a gate not as good.

FREE CATALOGUE. Get our large Free prices 63 heights and styles of Poultry, Farm and Yard Fence. The bargains we are offering will please and surprise you.

KITSELMAN BROTHERS,
MUNCIE, INDIANA.

BOX 295

shows it has held. Here surely are a select and great class of fanciers. We entrusted ourselves to Mr. Jas. T. Huston, of the firm of Gage & Huston, breeders of Barred Rocks and S. C. Buff Leghorns. Mr. Huston is also secretary of the Williamsport Poultry Association. They have a show record with their birds at Rochester, N. Y.; Elmira, N. Y.; Williamsport, Pa., etc. Their matings of Rocks are well made with grand quality birds. Their Buff Leghorns are simply immense. Two of the best males we have seen are right here; even color and extra fine heads. The females are of the same high grade, with beauty, size, etc. While we compliment and recommend this stock, we also wish to compliment this kind of breeders. They are fanciers first, last and all the time, and their sole object is to breed improvement each year and to satisfy their patrons every time. They have retained all their best breeders and all winners, so purchasers of eggs should receive great value from them.

Mr. John A. Parsons.

At Williamsport also is the plant of Mr. John A. Parsons, breeder of White Wyandottes and S. C. White Leghorns. In the White Wyandotte Mr. Parsons has three exceptional matings, and others close up. But in the three pens stated we saw as fine birds as we could wish for. Size and form, with well filled and spread tails the attractive feature. Snow White plumage, without a trace of brachiness and positive red eyes and yellow legs. This is the quality of stock we are after, and when seen as we found it here, is to be commended. Mr. Parsons has mated his birds for results, the pens are headed by choice males with every show and breeding quality, to only as many females as the most exacting expert could select, to insure the results aimed for. The head points were also noted with special interest and commended.

The S. C. White Leghorns were in every particular of the same quality and high grade, forming an excellent collection. The carriage and fullness of tails were a good feature. Mr. Parsons is now negotiating for a farm where he expects to breed extensively. He has accomplished much so far, and we feel assured his greatest success is still to come in enlarged quarters.

Other breeders met here, who have grand stock and are working faithfully along lines that will eventually place them to be reckoned with are: John R. Sims, breeder of White Wyandottes; his matings are very nice, as are also the Buff Wyandottes of Mr. L. W. Winner. This man made a good record at the late Williamsport show. John R. Heim is another White Wyandotte breeder whose record is good. We believe this includes the Rochester, N. Y., and Williamsport shows. There are others there, but limited time prevented further visits.

Mr. B. F. Kahler.

Of Hughesville, Pa., breeds, all eight varieties of Wyandottes, Barred and Buff Plymouth Rocks, R. C. Black Minorcas, S. C. White, Brown and Buff Leghorns, Buff Orpingtons, Golden Polish, S. S. Hamburgs, turkeys, geese and ducks. This place is splendidly adapted to poultry. Each variety is penned separately in roomy pens with large runs, and every detail here is seen at its best. The birds seen here were a pleasant surprise to us, as regards condition and quality, and each of his varieties deserve special mention for their real merit. In S. C. Buff Leghorns the cockerel in pen No. 2 won first prize at the Williamsport show in a class of 17, also the "Items" silver cup for best Leghorn at the show. He is an exceptionally fine specimen, with size as well as shape, sound color and beautiful head points. On Wyandottes Mr. Kahler has made a grand record, his birds have grand type and are of a very high average in every quality. As before stated all his birds looked good to us. It was a pleasure to meet Mr. Kahler again and to see his birds, as shown here at his home, a rare treat. He has issued a catalogue giving a description of all matings, which is sent for the asking to all interested.

Mr. Charles L. Pensyl.

What's in a name? Reader, if you really care to know, ask E. B. Thompson of "Ringlet" fame. A. C. Hawkins, whose "Royal Blues" have held favor of over twenty years, or in this particular case, better ask Mr. C. L. Pensyl, Bloomsburg, Pa., breeder of the "Nugget" Buff Plymouth Rocks. Behind these strain names are show records that have made them famous and popular. Where Buff Rocks are known the name "Nugget" is a home-word. It stands for reputation and quality through many years of breeding, and now after our visit to the home and yards of Mr. Pensyl we can well say that their quality, now, more than ever

before, fully deserves all the reputation they have made.

Here we found eight pens mated, all of a grade nearing ideal, and for personal satisfaction mainly, will describe some of these, as they appeared to us. Nugget, Jr., heads pen No. 1; he won first prize and shape special at the 1910 New York show. While his shape is simply grand, his color is very even, of the sound Golden Buff kind. He has a most excellent tail, well carried. Here are also a first New York hen and the second and third pullets at New York, 1909. This is certainly a beautiful pen of the best quality. Pen No. 2 is headed by the second New York pen cockerel of 1910, another rare beauty, with extra fine head points. He has fine size and shape and fine tail, properly carried, strong red eye, etc. Here is also found the New York first prize pullet of 1910 and two others from his New York pen. All of the ten females here are very choice in color and were carefully selected for shape; all these have a show record. Pen No. 3. A cock bird of proven breeding quality is seen here; his strong red eyes, with fine comb and choice, even color, make him a most desirable bird, several of his mates are winners, and on handling all others we were particularly impressed with the clean wings and tails. Pen No. 4. Here was another fine male with head points a leading feature, and mated as he is to quality birds, should show grand results. Pen No. 5. Here was the cock bird Golda 2nd, bred from a New York winner, a very handsome colored cock, sound and very clean, size and shape extra. The other pens were as near as could be of the same high grade kind. All birds were in the best possible condition, and we feel assured that every mating Mr. Pensyl has made will breed results.

The general evenness of sound color struck us forcibly in all birds seen here. The males have a fullness of tail that compares most favorably with any seen in either Barreds or Whites. Long and full saddles and plenty of coverts finished them beautifully. On handling all the breeding males, and nearly half the females here we found a quality in both wings and tails good to see. The cleanness was really surprising. The undercolor good all through. Mr. Pensyl surely has done well. The "Nuggets" in his care have been greatly improved. He is a close student, knows the buff color, and, what is far more, knows how to breed and produce it. He has a large plant, well located, and in fine condition. His success must be a source of great satisfaction to him. His catalogue shows several of his New York winners and is mailed free of charge.

Here we also met Mr. R. G. Pensyl, breeder of Buff Wyandottes and Partridge Wyandottes, both varieties were seen at their best. The Partridge looked extra good to me, the rich colored males and the fine marked females with grand Wyandotte type. Mr. C. C. Furman, breeder of White Wyandottes and Mr. B. H. Johnson, breeder of Buff Rocks, both have very fine birds and have show records.

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BROWN FENCE & WIRE CO. DEPT. 3 CLEVELAND, O.

At Rupert, Pa., we met Mr. W. B. Johnson, breeder of Barred Plymouth Rocks. We had heard of this man before, and were very anxious to see his stock. He has six matings, well made, and of very uniform quality. He has two very choice cock birds and his record of late winnings are apparently well earned.

The Penn Primo Feed Company, at Harrisburg, Pa., make a full line of poultry feeds under the care of Prof. F. D. Fuller. We hope in our next to tell more of this line.

Mr. G. M. King,

R. F. D., York, Pa., is one of the old-time breeders of Barred Plymouth Rocks. He has lately bought a large poultry plant and, from now on will devote all his time to his poultry. Mr. King, besides quality, from a show point of view, has always given particular attention to practical worth, and has combined both to an exceptional degree. From one of his best pens he has an egg record of 218 per hen for a year. Mr. King is precise in all he does, and now in his enlarged quarters will, we feel assured, make further success. It was our misfortune to see his birds by lantern light, and even under these conditions their excellent points were noticeable. Mr. King has read and advertised in the American Poultry Journal for over twenty years, and hopes to continue for twenty more. He has mated six pens, from which to sell eggs, and mails mailing list describing each.

S. G. Hoke & Son.

At Spring Forge, Pa., we saw the plant of S. G. Hoke & Son, breeders of all varieties of poultry, bantams, pigeons and water fowl, a total of nearly seventy breeds and varieties. This was our first introduction to a plant of this kind, and needless to say, we went prepared for any kind of a surprise, and we were grandly surprised at the amount and variety of stock seen there. We had to be shown, and in charge of Mr. Herman Hoke, whom we have met at the shows, and who has also made a reputation for himself as a poultry judge, we were shown over the entire plant. The Orchard Poultry Farm, as this plant is known, was established about twenty years ago, and now comprises 170 acres, devoted exclusively to poultry. While they have three long houses here they really are inclined to the double colony house plan on account of the range desired for both breeding and growing stock. These houses are distributed all over the farm, and are moved about to supply fresh ground twice a year, which surely is the best possible method in growing the best quality of vigorous birds. All houses are clean and comfortable and practical, the special bantam house was a feature, each pen having a separate long runway.

The birds seen here gave every evidence of proper care. Their general condition was good to see. This, with the grand quality shown in all varieties, both in form and color and markings was really delightful. Here were the Plymouth Rocks and the Wyandottes, the Orpingtons and Brahmas, the Leghorns and Minorcas, the Polish and Hamburgs, the ducks and geese, each shown in elegant condition and form, and with as careful breeding as experience will teach. While all pleased us, we will make only special mention of some that are favorites and still rare in this quality. The S. L. Wyandottes bred here are of the choicest kind and Mr. Hoke sold several of these lately to go to Germany. Their display and winning at the late Williamsport show was a feature, and in these in particular we thought they exhibited as good as we have seen. Dark Brahmas, another old favorite, are bred here at their best, and by the amount of stock seen here, and with the assurance of Mr. Hoke, believe they are as popular as ever. Their color and markings stamp them one of the most beautiful of all varieties. Here were also several choice matings of Orpingtons in all varieties. The Buff and Whites are fine, but in the Blacks there is for us a real fascination; their extra size and solid color appeals to us, when shown right, as they are here.

In Polish and Hamburgs this line is extra strong, their record of winnings prove all their claims for them. The W. C. Black Polish are a thing of beauty, with always a demand for good birds. We will remember their exhibit at Williamsport, where, in a very good class, they made a clean sweep. Their first prize cockerel was fit to win at any show.

In Bantams and pigeons their line is complete, as are also the varieties of geese and ducks. Here is a poultry show all by itself, every day in the year. Your hobby can be found here, and found in show shape and quality. The man who can manage such a plant is a genius; he

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BARRED PLYMOUTH ROCKS AND BLACK ORPINGTONS. Winners at Buffalo, Rochester, Auburn, Syracuse, Canandaigua, 1910—1st, 3rd cks.; 1st, 2nd, 3rd, 5th hens; 2nd, 4th cks.; 1st, 3rd pullets; 1st, 2nd, 3rd pens; 8 specials; Chamber of Commerce cup. Best exhibit any variety. Have purchased the choice Barred Rocks and Black Orpingtons owned by the late M. S. Gardner. Eggs from choice matings for sale.

Geo. M. Benham : : Canandaigua, New York



Prize Winning Kellerstrass Crystal White Orpington Eggs For Sale

I have just purchased several pens of the Famous Crystal White Orpington stock from Ernest Kellerstrass this spring which were especially mated by him for me, and will guarantee every egg I ship to be from this stock. Eggs from Pen No. 1, \$15 per setting; from pen No. 2, \$12.50 per setting. Cash with your order. Send your order in quick if you want your eggs early. Prompt shipment.

D. A. Schoeneman : : Sioux Falls, South Dakota



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Am now selling eggs for hatching from "Hurts Phenomenal Prize Winners and Egg Producers," at \$10.00, \$5.00 and \$2.00 per 13, \$10.00 per 100 or \$90.00 per 1000. Awarded SIXTY PRIZES on SIXTY ENTRIES at CHICAGO, BOSTON, CLEVELAND, ST. LOUIS, INDIANAPOLIS and the Indiana State Fair in 1909 and 1910. Hatch your "down to date" winners from our "up-to-date" layers. When you think of quality, think of

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32 VARIETIES

of thoroughbred poultry that have the quality to win. At Youngstown, Ohio, I won on Black Langshans 5 firsts, 4 seconds, State cup best display in Asiatics. Silver cup best display, any breed, and A. P. A. Silver Medal for best ckl. In Buff and Partridge Cochins, Light and Dark Brahmas, I won in all 7 firsts, 5 seconds, 3 thirds, three A. P. A. Silver Medals for best cks., and 2 Ch. Ribbons. These are only a few winnings in a few varieties. I have most any variety you want. Eggs from stock of equal quality to above. Write me your wants. Mention A. P. J.

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RHODE ISLAND REDS

Eggs from six grand pens, headed by and containing
WINNERS AT

MADISON SQUARE GARDEN, PITTSBURG, WASHINGTON, D. C., and other leading shows.

Write for free illustrated catalogue.

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Simple, self-regulating, complete—the only incubator sold on 40 day free trial with money back in case of failure. 10,000 sold last season and not one returned. 100,000 in use. Send for books telling how Buckeye owners got 51 chicks for 50 eggs, and how they made the Buckeye Way. Both are free to you. Buckeye Incubator Co., 1818 Innisfallen Ave., Springfield, O.

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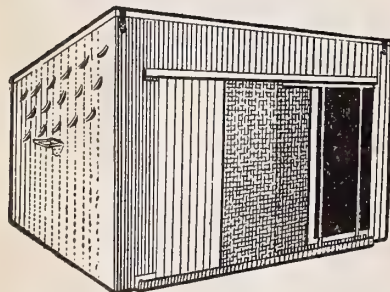
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Makes it an everlasting coop by taking apart and storing when not in use. Coop does not "draw damp" nor hold dampness, like wood does. Chicks and mother are always in the dry. The best of all coops for avoiding colds and roup. You will find the all-iron coop more than pays for itself every season in extra chicks raised. Shipped knocked down.

Write for free circular, fully describing this and full line of other sanitary appliances.

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must know everything in and out of the book, and when success, as is in evidence here, is seen, then we are willing to take off our hats and give credit to the man for his work. Their record of winnings are as long as their years of breeding, and to give our readers an idea of what they are, will refer them to the last Hagerstown show. Those who have followed the poultry papers know the competition there. It takes the best to win. There Mr. Hoke won 140 first prizes and fully as many second prizes. This was the largest exhibit and largest win ever made at Hagerstown. Their descriptive mating list for the asking.

The Newtown Producing Company.

Newtown, in this case, means Old Town. It has been on the map since the days of William Penn, in fact it was William Penn himself who built the first house here. This place has also other historic value. Its hotel is built of brick imported from England some over 150 years ago, and here General Washington stopped after his retreat through New Jersey. Just west is Valley Forge where the revolutionaries spent the dreadful winter with much suffering and death, and a short ways north is where Washington crossed the Delaware on that Christmas eve years ago, that proved the turning point of the war that gave us independence.

There is more history being made there now that will also be of some special interest to our readers. The Newtown Producing Company, Newtown, Pa., have become pretty well known during the past three years. They are specialty breeders of S. C. White Leghorns and have one of the best and most practical plants we have ever seen or expect to see. The laying house is 50 by 250 feet, divided into five pens of 50 by 50 feet each, with 600 layers in each pen. There are two breeding houses; a brooder house, of 4,000 chick capacity; two incubators (Hall's Mammoth), with 20,000 egg capacity, and upwards of seventy-five colony houses.

In these buildings, and in particular in the large laying house, we noted features that were new to us, and which really require special space and mention. We also wish to show illustrations of these, and think best to hold until we can get cuts, etc., and to then give a special article on these buildings, etc.

The breeding houses and stock were of special interest to us. Here were seen the selected breeders, also their winners at the late Philadelphia Show, the first prize cockerel, who also won special for best Leghorn at the show, was grandly mated. We think him better today than at the show. He has grand size, is snow white, and of beautiful type. Next heading a pen of hens was a full brother, with the same grand character and fine head. Then came the second cock at Philadelphia, to see him is to admire, his sound color, with strong red eyes, etc., are a feature of this whole line, laying, as well as breeding stock. There was seen the third prize cockerel and the first prize cock, these, with other winners down the line, were all of the same quality. The size and shape of these Leghorns was grand to look at. Head points, extra good, and, above all, tails; carried well back, full and finished. It was the same story in each house, vigor evident everywhere. Every chick at its best, and when we were finally led into the egg room we saw only that which could be expected at a plant run in this way—viz., a heaping full larder.

Large as this plant is, they are unable to supply the demand for day-old chicks, and we look for an increased plant for next year. With sixty acres of land, splendidly located, they still have space to enlarge. As Mr. Watson told us that they are also unable to supply fully the call for eggs for hatching and breeding birds. Their sales of breeding birds alone for last year was 12,000 head, the results have exceeded all their expectations.

This plant is modern and complete in every detail. The stock is of the best and we are free to say that it will be of advantage to every breeder who can, to go there himself, and see what there has been done in the poultry line under the care of Mr. H. L. Watson.

The Afton Farms.

At Yardley, Pa., we met Mr. S. B. Twinning, and we can well add, "the man who does things." The Afton Farms are one of the largest in our country. Here are bred Barred Rocks, S. C. White Leghorns, White Wyandottes, Cornish Indian Games and Mammoth Imperial Pekin ducks. For thirty-one years this plant has been devoted to poultry, and now, with an annual capacity of over 50,000 birds, it is running full time, to its utmost capacity. In all this long time the poultry business

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Perfect Passenger Service between Chicago—St. Louis—Kansas City—Peoria—Springfield.

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Vice-President

GEO. J. CHARLTON,
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Chicago, Ill.

has met all conditions, and has prospered; never more than right now, and with the future most promising. Here every detail of successful poultry breeding has been worked out, the feeding question included, and today all runs smoothly, with the future assured.

They do some things differently at Afton Farms, and are original with all. Using seventy tons of oyster shells yearly, they buy them fresh and crush them as desired, and with additional value. Here also yearly sixty tons of grit and some over 100 square yards of river sand is used. Celery, fresh ground on the place, is one of their staple feeds for the ducks, and dry bread is fed to a great extent to the young stock. Twenty-five men are here employed. Each has his work to do, and Mr. Twining sees that it is done, and done right. His ambition is only equalled by what he accomplishes every day.

The incubator capacity here is 15,000 eggs. The brooder house, with its runways and arrangement, is very complete. The breeding houses are all of the colony plan, while the laying houses are ample, roomy and all from first to last clean and in the best possible condition. Mr. Twining is now building and improving on another farm, a mile away, which in time promises to be the largest in the world. The feed and cook houses as well as the killing house, impressed us greatly. Ducks are killed at ten weeks old, when they average from five to five and a half pounds each. They are all dry picked, the feathers sold bringing upwards of \$1,000 per year.

Capons are also a feature here. Yearly 5,000 are produced that sell as high as \$3 each when properly grown. Day-old chicks and eggs for hatching finish the line, and the demand made on Afton Farms yearly for breeders, chicks and eggs is really beyond their capacity and desire to fill. We were not at all surprised at this condition after inspecting their stock. They have surely given their birds the closest and most careful inspection from a quality viewpoint, but this is not all. Here the egg records by the months are kept in every house and pen, and we saw enough of these to convince us of the practical worth of this line.

The Barred Rocks seen here were of a quality good to see, size and form the feature. The same can well be said of the other varieties. All stock showed choice breeding and the best of care. This was the first place where we have seen the Cornish Indian Games bred in quantities and for practical purposes. They, too, the records show, are layers under proper conditions, and the quality of their meat, with extra supply of breast meat, has never been questioned.

The S. C. White Leghorns were of extra size, a feature, Mr. Twining assured us, he liked to see. Strong red eyes, with good combs and pure white color were also noted, making a most desirable flock. We spent a full day here, finding Mr. Twining as interesting to us as was his place and plant. He is a practical fancier and we feel that our stay was of unlimited value to us in our work. We hope in the near future to give our readers more of the Afton Farms and its owner, and we would advise that all interested in his varieties get his catalogue.

Mr. John W. Poley.

At Royersford, Pa., lives John W. Poley, the man talked about, and in particular when Buff Rocks are mentioned. We met Mr. Poley just after his shipping an order of Buffs to England, and the smile on his face was nearly as broad as is the circle of his friends. Mr. Poley has bred Buff Rocks for fifteen years. He is one of the original few who have stood true and his success is well earned. The record he has made reads much like a fairy tale, but in this case it is a true tale. At the three late National Club shows they have won three first prizes. Two national championship cups and first display at all of them. Nine first prizes were won at the three last Madison Square Garden Shows, New York, and first prize breeding pen every time. This record needs no further comment from us. Think it over.

We spent a day here looking over his birds and then found it difficult to tear away. The Buff, when produced as shown here, have an attraction not fully understood, and when we had finished our desires led us all over the yards again.

One of the first pens we met was headed by Gold Chief 1st, the winner in first prize pen at New York, 1910. This pen, as one writer well put it, was the sensation of the show, the females here are also winners at New York of either a first or second prize. This Mr. Poley calls his "special" mating. It surely is one of rare quality; every bird is a gem, and results will be had here.

KAYE'S S. C. BLACK MINORCAS

The great laying and Exhibition Strain. Stocks for sale. Eggs from choice matings, \$3.00 to \$5.00 per 15.

A. B. Kaye, State Vice-President American Black Minorca Club, Kaye's Park, Walworth, Wisconsin

WHITE WYANDOTTES

at the late Ashtabula show won 2d hen, tied 1st pullet, tied 2d cockerel, 2d pullet, 2d hen, 2d pen, 3d cockerel. Our birds are large, blocky, stay-white, vigorous, and heavy layers. Cockerels for sale. Eggs, \$2 per 15; \$3 per 30. We can please you. Let us try.

W. A. KAIN & SON

ASHTABULA, OHIO

HENRY'S PART. WYANDOTTES

have been winners at Chicago, Minneapolis, St. Paul, and wherever shown. My record for the asking. Some stock for sale. Grandest matings ever for 1910. Eggs, \$3 and \$5 per 15. Correspondence promptly and cheerfully answered. EARL HENRY, Box A, Albert Lea, Minnesota

MODERN S. C. BLACK ORPINGTONS

The low down, deep-bodied kind, with heavy shank and broad back. At Indianapolis, February 7 to 11, we won specials for best male and second best female, any varieties of Orpingtons competing, and five silver cups in the open class. Good breeding cockerels at from \$3 to \$10. Book your order for eggs now. From grand matings at \$3 and \$5.

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White Quill White Wyandottes and S. C. Leghorns

MR. FANCIER—Do you know and realize that WE have supplied the winners to discouraged fanciers and breeders that were once quitters but are now successful poultrymen. If you are discouraged, a trio of our birds or a setting of eggs will make your competitor sit up and take notice while you get first money. Remember they are winners in Detroit, Toledo, Ithaca, Marion, Wapakoneta, Elmore, and Sylvania. Scores, 93 to 96%. Let us book your order for eggs. Write for prices. Give us a trial. WE CAN PLEASE YOU. Our Prices Are Right. WE HAVE NO DOLLAR BIRDS—BUT WE HAVE BIRDS OF SUPREME QUALITY.

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WINNERS :: BARRED PLYMOUTH ROCKS

At Springfield Jan. 3-8, 1910. At the last triumph of my Rocks at the Ill. State Show in the strongest line of Barred Rocks ever shown in the state, won the leading prizes and achieved the highest honor that could come to any breed. 1st prize cock, 1st prize display pullet mating, 1st prize for best shape female, special best shape male, special for best colored male, silver cup for best cock, cockerel, hen and pullet, cup for best exhibit of Barred Rocks, 2d cockerel 2d and 3d pullet, 3d on display yard cockerel mating, 4th hen. Eggs, \$5 per 15; \$9 per 30.

S. N. Buss

Successor to M. K. Bohlander

Box 73, Panola, Illinois

S. C. Buff and Black Orpingtons

Winners 1909-1910 at Boston, Providence, Worcester, Branford, Meriden, Middletown and Bridgeport; the leading shows of New England. I will sell eggs this season from pens composed of all prize-winners at \$5 and \$10 per 15, and guarantee you get what you order. Let me make you one of my satisfied customers. A few extra male birds at \$5 each. Some winners, reasonable.

Tyler Cruttenden

Norwich, Connecticut

R. C. R. I. REDS

Seven yards, grand matings, winning strain. Fair treatment. Eggs and baby chicks. Send today for mating list and prices.

G. J. Boehland, P. 33, Rockford, Illinois



GREYSTONE WHITE ROCKS

win by a mile at Madison Square Garden, at five shows 1905-1910, won 12 out of 25 first (more than double nearest competitor), 3 out of 5 best displays, 3 out of 5 best cock, hen, cockerel, pullet and pen, 5 out of 8 champions (five times as many as any other exhibitor), 5 out of 8 shape specials. Eggs, \$5, \$10 and \$15 per 15.

Greystone Poultry Farm, F. H. Davey, Mgr., Yonkers, N. Y.



Single Comb Buff and Black

ORPINGTONS

Our birds have won at such shows as Philadelphia, Pa., Cleveland and Willoughby, O. Cut shows one of our winning hens. Our birds are "Pure Cook Strain" and are bred close to Standard requirements. Our latest winnings at Willoughby are 1st, 2d, 3d and 4th pullet; 1st hen; 1st cockerel; 1st and 2d hen; silver cup for best display; solid colored birds, all varieties competing. We will sell you eggs from our prize winners. Mating list free, send today.

CAIRNGORM FARM :: NOTTINGHAM, O.

W. C. BOYLE, Owner

FRED J. THORPE, Manager

MURPHY'S S. C. W. LEGHORNS

are the kind that will hatch you winners and heavy layers. Limited stock of eggs for sale. Book orders early. Eggs, \$2.50 per 15; \$5 per 50.

A. J. Murphy - Sewickley, Pennsylvania

S. C. Buff Orpingtons!

Won first pen at New York, 1908 and 1909, with 15 pens competing. We have decided to sell a few eggs this season at \$1.00 each. Write for full particulars. I ship stock C. O. D.

Z. D. Struble, Lock Box 16, Bascom, Ohio

White Wyandottes

Of Quality. Eggs from birds scoring 92% to 95%, \$3 and \$5 per 15. Eggs from farm range flock as they run, \$5 per 100; selected \$1.50 per 15; \$2.50 per 30; guaranteed 75 per cent fertile. Satisfaction guaranteed.

H. L. Logan, Box 68, Neponset, Illinois

R.C. REDS

Our Stock is bred direct from "Gold Medal Winners," and has rich RED color, and good type. SUSAN, the foundation of the Flock, has a record of over 200 eggs a year. Eggs, \$2.00 per 15; BABY CHICKS from \$2.50 to \$4.00 per doz.

Wauhsara Cottage, 5731 Rosalie Ct., Chicago, Ill.

A New Record

in the principles of artificial hatching and brooding is the NEW CONTACT-HATCHING SYSTEM

Univera Incubator : Univera Brooder (Thermosphor Brooder) Patented

Most complete hatching system in the world. The system of the future. Strong and heavy chicks. Easiest and most complete method of raising. Send for free catalogue. Goods sent to all parts of the world. W. Bachmann, Mfr. of Modern Poultry Appliances, Neunkirchen, Bez. Arnsberg, Germany.

The Original Barred Cuckoo Wyandottes

My winnings at Madison Square Garden, America's greatest show, created more sensation than any other variety shown. England's most popular new breed. Will only spare a limited number of settings, \$5 per 13 eggs. Ringlet's Barred Plymouth Rocks, all prize winners, eggs \$2.50 per 13, \$5 per 30. 8 pens. Write for particulars.

E. L. Geisel, Prop.

Originator Morganville, New Jersey

Powerful Disinfectant and Louse Killer

Why pay \$1 and \$2 a gallon when you can prepare it right at home for only a few cents. For only 10c I will send you my illustrated poultry supply catalogue and complete printed instructions for preparing your own disinfectant and louse killer. It will not only kill all germs but also keep down scaly leg and lice without injury to the fowl.

Geo. Stirdivant, Box 9, Sheboygan Falls, Wisconsin

SINGLE COMB RHODE ISLAND**REDS**

Large size, good shape and color, from hen raised stock. Won 11 ribbons at Trenton. Red Bank and Orange this past season. Eggs, \$2 per 15 straight.

Elmer G. Dean : : Morganville, N. J.

Nearby we found mated the cock bird Gold Chief, Sr., who won first prizes at New York in 1909 and 1910. This fellow looked extra good to us; his condition is of the best, and with his known quality as a breeder, surely is one of the most valuable birds living. Judge W. C. Denny wrote of him: "He is one of the best ever shown. He is of choice type, weighs ten pounds, and is of one even golden buff color." His mates are eight selected females of the same high grade in type and color.

Gold Chief 2nd, second prize cockerel at New York, 1910, and winner of color special, heads pen No. 3. His winnings tell his quality. His mates greatly pleased us, for their sound even color and shape.

Mr. Poley has eight pens mated for this season, to describe one is to mention all. It is a case of "Poley" quality in each and every one, and good extra quality besides. Here we noted in particular the rare quality in strong red eyes and low straight combs, most desirable points, and in particular when they are a flock feature.

Mr. Poley has a splendid place. His entire time is given to his poultry, and with his knowledge of the breed we can most



JOHN W. POLEY, ROYERSFORD, PA.,
President of the American Buff Plymouth
Rock Club.

confidently look for further results from him. He has issued a very attractive catalogue, giving full description of his matings, and all other desired information.

The Winona Farms.

At Lansdale, Pa., was next seen on our swing around the circuit. In Mr. W. K. Wixson, the general manager, was found a practical poultryman with every demand of the fancy at heart; also, in Superintendent F. E. Steiger, a man of wide experience and a worthy care taker. Here thirty-two acres are devoted to poultry. The land lays just right, with a gentle slope to the south. The buildings here are modern, and with every convenience at hand. The incubator cellar is filled with machines, all working, and by the number of chicks in the large brooder house, it is plain to be seen they are making every effort to supply the demand made on them for breeding stock, baby chicks and eggs for hatching. Here also the colony house is in favor, they are set out in half acre plots, fenced in, and it is from these they get the best results in egg production, as well as in fertility. This has always been our contention, and to have it verified on a plant of this kind is pleasing indeed. The one feature noted here was the use of the Norwich Automatic Feeders in every pen, also out on range and in front of the colony houses. Our idea has been that this was an expensive way of feeding, but we are now ready to admit our error and from now on will boost for this feeding arrangement. The feed hoppers are filled once a week, or as often as nearly empty. This saves from three to five hours daily in time alone. Then again the chicks can feed when wanted, and as much as they need, but little feed is dropped at the time, insuring no waste whatever.

The S. C. Rhode Island Reds and S. C. White Leghorns are bred here from something over 1,500 birds. The layers and utility pens are bred in long houses, while the selected matings are all out in the colony houses on range. The R. I. Reds are of a quality good to see, and in their selected we found birds of the highest

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free.

Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

Sheppard's Famous Anconas

The World's Best—Champions at world's greatest shows, greatest layers in poultrydom. Flock averaged 256 eggs per hen per year. Circular free.

H Cecil Sheppard : : Box M, Berea, Ohio

Montgomery Ward & Co.

Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

75c Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

Grand Free Building Material Catalog

5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 30c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 5½c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 1958 Case Street, Davenport, Iowa

Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants.

H. N. Hanchett, Jackson, Michigan

WHITE ————— BLACK

Orpingtons

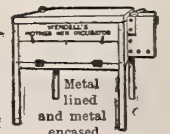
My birds are the low down on shank kind. My Whites are white to the skin. Eggs from 5 fine pens of each at \$4.00 per 13, \$7.00 per 26, \$15.00 per 100. A square deal guaranteed.

E. R. BRADLEY, HILLSDALE, MICH.

WENDELL'S**INCUBATOR & BROODER**

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. 2. We allow \$30, 60 or 90 day's trial to prove it yourself.

AUTOMATIC HATCHING CO., Holly, Mich.



FOR BREEDING and GROWING STOCK NOTHING EQUALS

Economy Beef Scrap**THE QUALITY KIND**

Guaranteed Analysis 65 per cent protein. \$3.25 per hundred F. O. B. Buffalo. Write for sample and discount on quantity orders.

The Economy Meat Food Co. : : Buffalo, New York

grade; color rich and shape excellent. These Reds are also their record layers, which is to their credit. Their whole stock in S. C. White Leghorns were of an exceptional grade, size of the best and pure snow white plumage. The heads of the males, as well as the strong red eyes on all birds, was notable. Red eyes denote vigor, and if any doubt this contention let them investigate.

It is very evident that at Winona Farms the stock is bred with the standard shape and qualifications in view at all times, and with this the best results are obtained in egg production, and also in fertility. Chicks were hatching here, and their strength and vigor was plain to see. We fully believe that plants run on these bases are sure to have best success. Everything here, from the manager down, was pleasing to see, and we hope in the near future to write more of this place and to print some views of this plant. Get their catalogue.

Woodlands Farm, Inc.

Iona, N. J., can boast of its poultry industry, as well as having within its limits one of the largest poultry plants of the world. Here, at least, is the largest single poultry house we have seen. It is 500 feet long by 20 feet wide. Now divided into five pens of 100 feet each that will properly house 2,000 birds. There is a great deal here to interest the visiting poultryman. In Mr. Brown, the owner, you will find a thorough man and fancier, whose work is not only devoted to his personal success, but to the betterment of the poultry business. Here we found all conditions to our liking, the stock and all buildings in most excellent shape and condition. Here Barred Plymouth Rocks and S. C. White Leghorns are bred most extensively, and it was the general high average quality of this stock that impressed us most. In the Rocks the general condition of the birds, their health and vigor, along with their excellent size and form was noticeable, and we were assured by Mr. Brown that their all purpose quality on this farm placed them in high favor. Taking the whole flock into consideration, they were also grand in color and some very fine birds should result from these matings.

At the present time the Leghorns lead even here in numbers, and the entire flock kept looked extra good to us. Here is size and splendid color. We did not see a brassy bird, the feature seen were the strong red eyes, and we were assured by Mr. Brown that only good strong eyes go with him, a weak eye denotes weakness, both in health and character (laying quality) and we know he is right in this.

Mr. Brown makes a personal inspection of the entire plant twice every day, and if anything gets by him, well, we failed to see it, or believe it can. His every interest here and his work and accomplishment are most interesting. Besides the great house mentioned there are also two houses, each 250 feet long, and colony houses and brood coops most without number. There are two brooder houses, one 150 feet long and the other 100. Here hot air is used exclusively, and the houses and chicks looked at their best. The incubator cellar, the bailer room, machinery, etc., all were in ship-shape order and running at full capacity.

Mr. Brown assured us that business was splendid, which was also evident to the writer. The demand for day-old chicks is really unlimited, and where we find a plant of this kind and size almost unable to keep up, we must then admit there is something in the poultry business for all to consider. Eggs for hatching are a close second in demand and while now they are getting about a 70 per cent egg yield, they could spare enough from orders to keep all their incubators busy.

After April 10th they will sell baby chicks and eggs for hatching at reduced prices, also some 2,000 yearling breeders will be offered. Here is an opportunity to make a start for many. They also make a specialty of selling nine-week-old pullets. Write them for circular and all information.

Oaklands Poultry Yards.

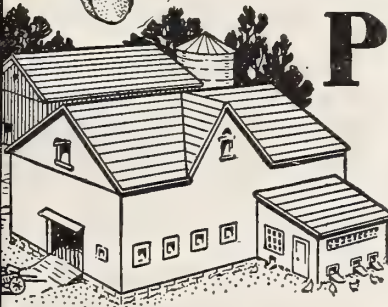
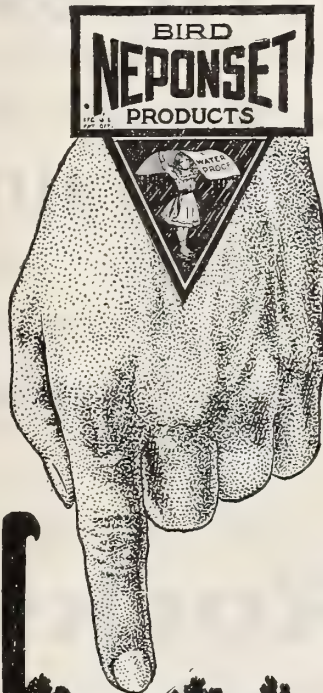
Just beyond the city limits of Trenton, N. J., and almost within view of where Washington fought the battle of Trenton, are located the Oaklands Poultry Yards, devoted exclusively to the breeding of S. C. White Leghorns. Here choice breeding and exhibition stock, baby chicks and eggs for hatching are the feature, as well as the specialty. The manager, Mr. Wm. C. Bowman, is a true fancier first, last and all the time, that he has made good is evident from the quality of stock seen here, as well as by the most excellent show record he has made. This line of birds has swept

the decks at Allentown, Easton, Trenton, etc., and last year, just to try them out, Mr. Bowman entered three pullets at Madison Square Garden, New York, in a class of thirty-nine pullets, the best ever brought together any place. He won third prize in a walk. This stock and their condition pleased us greatly. The birds are surely all at their best, and in form, type and color are extra fine; good heads and good eyes prevail. Here we noted several exceptional male birds. White as snow and with grand backs and tails full, and carried properly, the saddle feathering long running well up, and other features and qualities to their advantage.

Oaklands is a very pretty place, even in

March. The brooder house has 2,500 capacity. The incubator cellar is ideal and all houses are clean and airy. Here we also found business being done; the demand for chicks and eggs is greater than ever before, and they are running at full capacity.

In their selected matings were birds of grandest quality, strong yellow legs were noted and the general shape and style of the birds is commendable. If any of our readers ever get near Trenton, let them visit this plant, it is worth your while, and Mr. Bowman will be glad to see you. They have a very nice catalogue describing matings and giving prices and winnings. Write for one.



Our Offer: When you see your buildings, if you are not satisfied tell us and we will send you a check for the full cost of the roofing and the cost of laying it. Back of it all, if any BIRD NEPONSET PRODUCT ever fails because of defective manufacture we will replace it. If a broader guarantee than this could be made we would make it.

"The Index Finger"

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Wherever our salesmen go, they can point to Paroid Roofs, that have made good—that have stood the wind and weather, for 6—8—12 years.

We say to our salesman, *point*.

We say to you, *insist on being shown*.

We have been making roofing for twenty-five years—the oldest firm in this line of manufacture, long enough to have studied every detail in the business and to have seen our products approved and tested by years and years of use in the coldest as well as the hottest climates.

PAROID ROOFING

Ask your dealer to show you a Paroid Roof and give you the name of the owner. Should he not handle Paroid write us and we will tell you where you can see a Paroid Roof and who the owner is.

Look at the roof. Consult the owner, then remember that in purchasing BIRD NEPONSET PRODUCTS you are to be the final judge, they must satisfy you. Read the offer.

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Our Building Counsel Department, whose experience extends over structures of all descriptions, is placed at your disposal. Give us full particulars of whatever work you have to do and we will gladly give you, free of cost, expert advice on all building and roofing questions.

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Rose Comb Brown Leghorns

The kind that have a record behind them. Exhibition stock and eggs a specialty. Write for mating list and show record.

H. G. FRANKLIN

TOWNSHEND, VERMONT

WILSON'S S. C. BLACK MINORCAS

St. Louis and Indianapolis silver cup and Madison Square Garden winners. At the great St. Louis show in competition with 108 S. C. Black, all S. C. Blacks and all White Minorcas, I won silver cup for best male and female in show. A few cockerels, pairs and trios, for sale. Eggs from two grand pens scoring 94¼ to 96¼, \$3 per 13. Order now.

E. E. Wilson State Champion Black Minorca Club 921 Ashland Avenue, Indianapolis, Indiana

KING BROTHERS

Largest breeders in the northwest of the world renowned "Ringlet Strain" Barred Plymouth Rocks. If you are going to need an EXHIBITION COCK for your show this Fall or Winter, do not fail to write us. Our prices are right, and we positively guarantee satisfaction.

King Brothers : : : : Oshkosh, Wisconsin

Fluffy Ruffles Strain

Finest specimens of Barred Rocks ever produced. Champion of all champions. Ten years ahead of the times. Winners at New York, 1908-9. Stock up-to-date. Circular free. A continuous record of winnings since 1894.

Welleslea Farm Poultry Yards C. H. Welles, Prop. Box A Stratford, Connecticut

Quality Hill Poul. Yards

Home of the "FAMOUS" S. C. Rhode Island Reds. Day-old chicks and eggs for hatching from twelve grand matings. Write for circular.

W. C. NELSON, Prop. : SUCCESSOR TO F. A. BENNETT : CANTON, ILLINOIS

Barred Rocks

I breed Rocks that have that bright snappy color and even barring that is so hard to get; I also have large size and correct type. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

Geo. W. Bachman :- North Baltimore, Ohio

MOORE'S S. C. W. LEGHORNS

Day-old chicks 10c each. Book orders now. Our exhibition matings are unsurpassed in shape, color, carriage and spread of tail. Eggs for hatching at bargain prices. Do not order elsewhere until you have seen our free mating lists—ready February 1st. Stock for sale.

Moore Bros., Moscow, New York

S. C. BUFF ORPINGTONS

Winners of 1st cock, 1st hen, 1st cockerel, 1st pullet and 3d pen, cup and display at the great Missouri State show, St. Louis, December, 1909. Also four out of a possible five firsts, Ill. State Fair, 1909. Booking egg orders.

L. H. Eldridge - Box A, Bradford, Illinois

H. E. Cole's Reds.

While we did not meet Mr. Cole (he being away for the day), we saw his birds, which is next best. Mr. Cole breeds single and Rose Comb Rhode Island Reds, having three matings of each. His winnings the past season at Trenton, Paterson, Bridgeton, etc., where with fifty-seven entries he won fifty-one regular prizes, two silver cups and eighteen special prizes, speak highly of this line. Of the above prizes twenty-four were first and fourteen seconds. The birds looked excellent to us, strong in color and of fine size and shape. Head points also were fine. We hope next time to meet Mr. Cole and write more of him and his birds.

J. S. Haupt's Orpingtons.

At Easton, Pa., we traveled by electric car up over the hills to the promised land beyond, when we were also gladly received by Mr. J. S. Haupt, the well known breeder of Single and Rose Comb Orpingtons in black, white and buff.

Mr. Haupt has been breeding Orpingtons for eleven years. He was one of the first to take them up and has stuck ever since. The fancy owes much to this man, starting, as he did, in a very small way, overcoming all obstacles, and with the foresight to see and comprehend the future, he sailed out to make a reputation and fortune. He has made the one, and is making the other.

This man and his work greatly interested us, for he is one who does things. He is the originator of all his line of Rose Comb Orpingtons, and with his study and knowledge of the breeding game we look for other results far reaching in effect. We find in his catalogue, with introduction, the following, which we copy, so the reader can better understand this man as a fancier.

Here each variety of Orpingtons are bred in separate houses, most of them in colony houses, each with a half acre run on good sod land, all buildings are up-to-date, and in fine condition, and as for the birds, we never saw a healthier flock. The reader can best understand the size of this plant and the business done here when they know that 2,000 breeders are kept here in most approved fashion, and with all this the capacity will have to be increased, as they even now have had to refuse several large orders for eggs, stock and baby chicks.

To write up the stock we saw here is almost impossible, but we will make some selections for special mention. To all, we would say, send for Mr. Haupt's catalogue and mating list. You will find it reliable with further information.

In White Orpingtons, pen No. 1 is headed by cockerel winning at the late Washington, D. C., show. A beauty, weighs over ten pounds, grand color and ideal type. As good a comb and head as we have seen on any Orpington. His mates include three famous winning hens and five others that are close up in every quality. Pen No. 2 is headed by the Chicago and Allentown winner (cock), a proven breeder, also finely mated. Pen No. 3, by second Washington cockerel. Pen No. 4, by first cockerel at Philadelphia, 1909. All these properly mated. Every one select. There are three pens mated of R. C. Whites headed by Chicago and Allentown winners. All these have the true Orpington type and choice color.

In S. C. Blacks, we saw five pens, here the prominent feature was size and type, very closely followed by sound color. Pen No. 16 is headed by first Washington cockerel, one of the best, and in the other pens are first Allentown cock and other winners and birds of this line. These are all selected matings. Mr. Haupt mates for quality only and the matings are small but extra choice. In R. C. Blacks there are three matings, choice in color and of fine type. The heads and combs of these birds were of special quality, all well done.

There are five pens of S. C. Buffs. They are a treat to see. The even shade of color a feature. Here we saw several noted winners, and others of same breeding, and of the best quality, making a collection of rare birds, good to see and better to own. The males heading these pens are of the best, several winners. The first Easton cockerel, the first cock of the Penn State show at Allentown, etc., are here with type and color. Serried tails, clean wings and beautiful head points, the features seen. The females in these matings are all we could desire. In pen No. 30 was seen Mr. Haupt's famous hen, "Sue," winner at twelve leading shows. Her type and characteristics are seen in all this line, and no better can be expected. In the R. C. Buffs there were four matings, in general quality these averaged up with the S. C. Buffs. The same style, shape and color and very fine head points.

This whole line of birds greatly pleased

PRACTICAL REDS

RIDGE VIEW FARM



THAT'S it—Practical Reds. The kind that lay eggs like a Leghorn and make a roast like a Rock.

We have the best strain of Practical Reds in the U. S. We sell eggs that hatch. Send \$6.00 for 100 eggs from utility pens or \$10.00 for 100 eggs from selected pens. Get your order in now—don't wait until the last minute.

After years of careful breeding we are giving the fancier an opportunity to buy from our best stock at an exceptionally low price.

A. G. CLARK, WILLOUGHBY, OHIO

us. Mr. Haupt's success is assured. His work has met with approval and he has the confidence of a host of customers and fanciers the world over. His incubator capacity is 12,000 eggs. The increased demand for Orpington baby chicks compelled him to double his plant this year. It has grown year after year from a very small beginning to its present size, and the future is sure to demand more from him.

The Wilderness Poultry Farm.

At Egg Harbor City, N. J., is located the Wilderness Poultry Farm. If ever a place was well named, this is it. The plant is located in the wilderness, and on our drive there and back we begged the manager, Mr. W. A. Parcels, not to drop us out, for there is no return from there unless you know the way. The office, brooding and incubator buildings are located on the State road and only half a mile from town. This entire plant is devoted to White Wyandottes. It has incubator capacity of 20,000 eggs, and now over 5,000 chick brooder capacity. The breeding houses are all of the colony plan, each with an acre of fenced-in land that is really brush, and just the place for chickens, in particular white birds.

Mr. Parcels is a fancier and breeder of wide experience. His success is best seen by improvements and the doubling of the plant in capacity. Sold ahead is the word here, as in other places.

The stock here is of excellent type and size, several of the males seen here are fit for any show. The egg record of these Wyandottes interested us, and in particular the showing made since last December. This equals any we have seen. We hope to call there again when improvements are complete and more time warrants, to write this plant up fully.

Rancocus Farms.

At Browns-Mills-in-the-Pines, N. J., are the yards of the International Poultry Sales Company, Mr. J. M. Foster, manager. This plant is not a small one by any means, they now have sixteen houses, each 150 feet long, housing 350 S. C. White Leghorns, and are building ten more houses of the same size. When completed, they will have from 8,000 to 10,000 layers on the place. Here are eighty-six large-size incubators, with a 30,000 egg capacity, run by their own acetylene gas plant of 500-light size. Breeding birds, fresh eggs for select trade and baby chicks are the features here. It is rather difficult to fully comprehend the real size of a plant of this kind, and we hope to give further information in the near future.

Mr. Henry D. Riley.

We again had the pleasure to visit Mr. Riley at his home at Strafford, Pa. Somehow the Barred Plymouth Rocks have a great fascination for us, and we are always willing to go miles to see them. We wrote up this plant in our last issue, and our return there only further impressed us with the value and quality of this line of stock. Interested breeders should have Mr. Riley's catalogue, giving a description of his matings, winnings, etc.

With Mr. Riley we also visited the plant of Mr. Robert Baker, of Stafford, Pa., also breeder of Barred Rocks. Mr. Baker, as well as Miss Baker, are enthusiastic fanciers, and have several grand pens of Mr. Robert Baker, of Devon, Pa., also in 1910 they won first prize on hen at both, and other prizes and specials.

Samuel D. Goucher.

At Moorestown, N. J., live other Barred Rock fanciers in the persons of Mr. and Mrs. S. D. Goucher. We don't really know how long this "firm" has been doing business, but that they have been very successful is evident from the stock seen here, as well as from the winnings they have made at Philadelphia, Williamsport, etc. They have a grand place, finely located and, judging from the stock, they will be heard from in the future.

Mr. J. D. Koons,

Of Trickler, Pa., is one very interesting breeder. His line is White Rocks and Buff Wyandottes. In each he has splendid matings, we may well say exceptional. The White Rocks excel in size and shape and have extra clean color. In Buff Wyandottes we saw three extra fine pens. The clean buff color, with sound tail and excellent type a feature. Mr. Koons is president of the Penn State Branch A. P. A., is well known and popular at home and among the breeders.

Mr. Howard E. Seaver.

At Browns Mills-in-the-Pines, N. J., is the poultry plant of Mr. Seaver, devoted exclusively to S. C. White Leghorns. His plant is of from 4,000 to 6,000 bird ca-

capacity, making a specialty of fancy eggs for market and baby chicks. Here a large Hall incubator is used and this is, we thought, a most practical plant for best results. The stock seen here in both laying and breeding houses was of fine quality, as were the egg records obtained. Here also we hope to visit again and give complete mention.

BIDDY'S REVENGE.

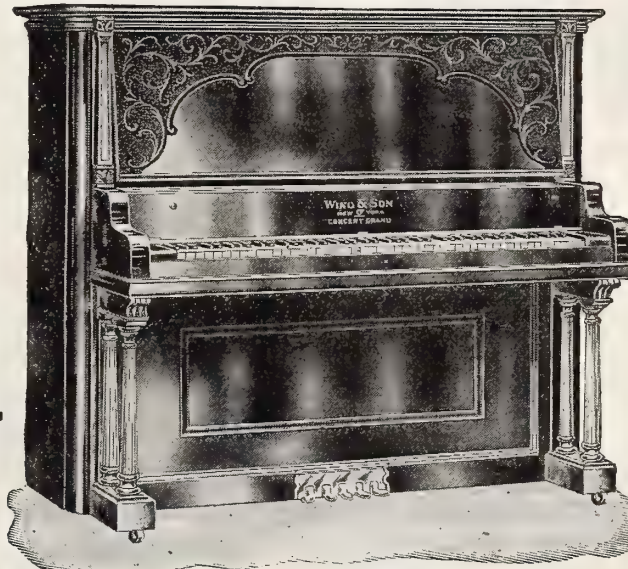
"Mis' Jones she threw some slop on me—She's jest as mean as mean can be, But I'll git even with her yet An' do it mighty soon, you bet. When she has all her friends to tea An' wants some eggs right fresh from me, I'll hand her one I've had with me Since May or June of ninety-three. I'll send it tied up in a shell All clean an' fresh to hide the smell, An' what she'll say about me—well, 'Twould never, never do to tell. She'll find it is a shame, you see, To slam slick slop all over me!!!"

Orchard Farm, Bloomfield, N. J., breeders of Single Comb Buff Leghorns, during 1909 and 1910 won 21 first prizes, 16 second prizes, 17 Buff Leghorn club ribbons, 10 special ribbons and three silver cups, at Orange, Rutherford, Red Bank and Madison Square Garden, in competition with the best breeders of the east. They have three extra good pens mated and will supply a limited number of eggs at reasonable prices considering quality of stock. If you want something extra good write and mention American Poultry Journal.

C. E. Spaugh, Rugby, Ind., the man who has been creating such a stir in Barred Rocks during the past few years, with the grand specimens he has been producing, is making a special offer on a few of his this season's breeders. This is an opportunity for our readers to get some extra choice specimens at bargain prices. Mr. Spaugh is a man that will treat you right. Better write him today for full particulars and mention American Poultry Journal.

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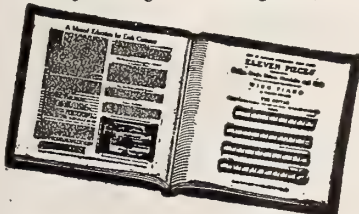
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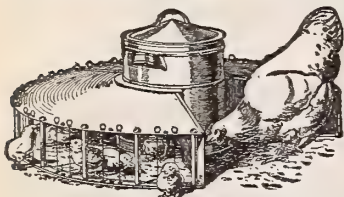
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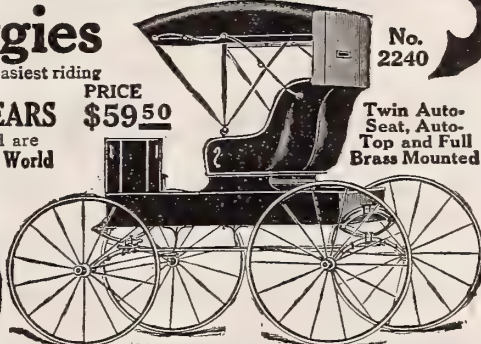
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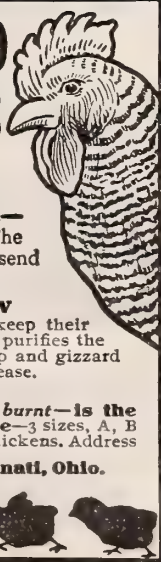
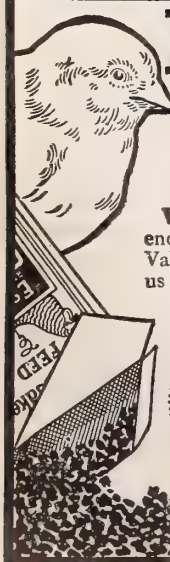
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Statistics prove that the cost of living has steadily increased, and will continue to increase. At the same time the wage scale has not grown proportionately large enough to offset this. There is but one thing to do when confronted by a situation like this and that is to reduce the cost of living. Economy must be practiced to make ends meet. Many of the little luxuries that have been enjoyed of course can be stopped with slight inconvenience.

The real pinch comes when an attempt is made to tamper with the table. The proper amount of food must be eaten. This is the largest household expense and the one turned to naturally when the question of economy is raised.

Now the easiest way to make a saving is to use the remains of the roast beef, the chicken or turkey, the shoulder of mutton, or many other things that heretofore were thrown away. It is just here that the woman who has an "Enterprise" Meat and Food Chopper in her kitchen is able to run her household economically. It makes possible hundreds of new ways to prepare food. Economizing by skimping the table is not necessary, as the chopper reduces waste to a minimum.

The "Enterprise" Meat and Food Chopper cuts—not crushes—meat, fish, vegetables, fruit or any food that will go through it. Many dishes that housewives have seldom made because of the trouble attached are easily prepared. New ones that they have hesitated to try are now within their reach. A turn or two of the handle and the article is cut—and the advantage over the old time-consuming methods clearly shows it to be a household necessity.

"The Enterprising Housekeeper" is a valuable little book containing over two hundred recipes of which every housekeeper should have a copy. The publishers will be glad to mail a copy to any address upon receipt of 4 cents to pay postage. Address The Enterprise Manufacturing Company of Pennsylvania, Dept. 33, Philadelphia.

THE MAN WITHOUT A HOE.

We do not wish to rob "The Man With the Hoe" of either a jot or a tittle of his glory. When one considers the labor he puts forth in tending to his small gardens, and the fewness of the dollars that usually come back to recompense him for his toil, no one will seek to rob him of the halo of glory with which the poet has invested him. He should have something for his trouble.

But after all it is the "dear old honest dollar" that means comfort and satisfaction in this world, and we would rather be the modern man without the hoe, but with up-to-date, labor saving, crop producing tools and implements, than to be the old-fashioned, hard working "man with the hoe" and all his glory.

The hoe as emblematic of the market gardener of today is distinctly out of date. It belongs to yesterday. The man of today has his set of garden tools that enable him with much less labor to tend more ground in a better manner, and with much bigger crops to the acre. This is called particularly to our mind by the arrival of a little booklet which fully describes the complete line of Iron Age Garden tools.

Perhaps, among all their tools, the one most serviceable as an all around garden tool is their famous No. 6 Iron Age Combined Double and Single Wheel Hoe, Hill and Drill Seeder. It combines in one three distinct and thoroughly practical implements. But they have tools adapted to every purpose. These tools enable the farmer to take care of his garden in a better manner with less time; and the yield is substantially increased by this thorough cultivation.

Our readers should write for this little booklet which, in addition to describing their tools, gives some valuable garden hints. It will be sent free on request to the Bateman Manufacturing Company, Grenloch, N. J., makers of Iron Age Tools, to those mentioning this paper. Write today.

Tyler Cruttenden, Norwich, Conn., breeder of Single Comb Buff and Black Orpingtons is sending out a very neat mating list, giving list of winnings and description of pens he has mated for this season. Write for a copy and mention American Poultry Journal.

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PLYMOUTH ROCKS.

BARRED ROCKS, THOMPSON AND LATHAM strains, line bred, deep barred, seven pens. Eggs \$1 to \$5 per setting, both matings. Write for mating list. Satisfaction guaranteed. Fred Deihl, Morrisonville, Ill. 5-3

BARRED ROCK EGGS. E. B. Thompson strain. 15, \$1, 30, \$1.50; 100, \$4; E. P. Churchill, Allerton, Ia. 5-1

BUFF AND BARRED ROCK EGGS. \$1 and \$2 per 15. H. L. Ragsdale, Centralia, Ill. 5-3

RINGLET BARRED ROCKS, heavy layers. Eggs, \$3.00 per 100. Fred Gilman, Glenbeulah, Wis. 5-1

BARRED AND WHITE ROCKS. High grade, heavy laying strains. \$1.00 setting. Discount on quantities. Also exhibition quality eggs. Price low. Kenilworth Poultry Yards, Holyoke, Mass. 5-1

\$1 BUYS 15 White Plymouth Rock eggs, "Fishel's Direct Strain." \$6 per 100. Greatest layers on earth. Mammoth Pekin Duck eggs, 75c per 11. Grace Eby, R. F. D. No. 4, Osborn, Ohio. 5-1

"BONANZA" WHITE ROCKS. Eggs from exhibition and utility matings, line bred, trap-nested, farm raised. Herbert H. Haskin, Robinson, Route 5, Ill. 5-2

BARRED PLYMOUTH ROCK EGGS from the kind that win. Big boned, vigorous, stylish, utility, farm-raised birds, with narrow blue bars to the skin, bred for heavy egg production. Offering rare bargains. Write me today. Mrs. A. Berry, Clarinda, Iowa. 5-1

WHITE ROCK EGGS, \$2 setting. Merle Vancil, Modesto, Ill. 5-1

EGGS FOR HATCHING—FAIRBANKS' prize winning Barred Plymouth Rocks, Old Colonial strain. Pens 1, 2 and 3, prize winners, \$2.25 per 15; pen No. 4, extra select, \$1.50 per 15; main flock, \$1 per 15, or \$5 per 100. Eighty per cent fertility guaranteed. This is the best flock of Barred Plymouth Rocks in South Missouri, as was shown by my winnings at the January show, having won more premiums than any three competitors. Forest Hill Poultry Yards, corner Center and Sherman streets, J. O. Fairbanks, Prop., Springfield, Mo. This year's breeders for sale after June 1. 5-1

BARGAINS IN BREEDERS—Am now ready to sell some of my this year's Barred Rock breeders. If you want the best this is your opportunity. Write for special bargain prices and mention American Poultry Journal. C. E. Spough, Rugby, Ind. 5-2

BARRED ROCKS—Am making special low prices on eggs from prize-winning pens this month and can supply eggs that will produce birds that will win the blue next season. If you are interested write today and mention American Poultry Journal. Louis Rausch, Creve Coeur, Mo. 5-2

BARRED PLYMOUTH ROCKS—the large, vigorous, beautiful kind. Eggs from pens mated to produce prize winners. \$2.50 per 15; \$4 per 26. Satisfaction guaranteed. I please my customers. G. M. King, R. 1, York, Pa. 5-2

HALBACH'S WHITE PLYMOUTH ROCKS are the kind you want. Special matings and special prices on eggs now. Write and mention American Poultry Journal. H. W. Halbach, Waterford, Wis. 5-2

SPECIAL PRICES on Silver Penciled and Columbian Plymouth Rock eggs, from birds that won 107 ribbons at three leading shows. \$3 and \$5 per 15. Order now. Brlarwood Farm, Rumson, N. J. 5-2

BARRED PLYMOUTH ROCKS. We are offering special inducements this month in baby chicks and eggs for hatching. Eggs, \$1.50 per 13, \$4.50 per 50, \$7 per 100. Strongly fertilized. Baby chicks, \$6 per 25; \$10 per 50; \$15 per 100. Satisfaction guaranteed. Pittsfield Poultry Farm, 102 Main St., Pittsfield, Maine. 5-2

BARRED ROCKS. Heavy layers. Exhibition quality. Stock from winners at Pittsburg, Cleveland and Chicago. Eggs, \$2.00 per 15. C. M. Guesinger, Shelby, Ohio. 4-3

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BOWKER'S BARRED ROCKS have the winning habit. Get eggs from us at \$3 per 15; \$5 per 30, that will produce prize winners. Utility eggs, \$1.50. Bowker Poultry Farm, Dublin, Indiana. 4-3

BUFF PLYMOUTH ROCK EGGS. "Burdick strain," vigorous birds, \$1.50 and \$2.00 per 15. A. V. Hagerman, Heyworth, Ill. 4-3

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BARRED ROCKS, Bradley strain. Eggs, \$2 per 15; \$3.50 per 30. Guarantee 10 chicks. First cockerel Bushnell, 92½ points. Second cock Macomb and Canton. Edwin C. Laux, Bushnell, Ill. 5-4

"LARGEST" BARRED ROCKS in the world. Hens 10 lbs., score 93, line bred; every bird guaranteed scored over 90, by Heimlich, McCord, Pierce, H. P. Schwab. Largest exclusive Barred Rock farm in Illinois. All orders promptly filled. Eggs, \$1.50 15; 3 settings, \$3; \$6 100. Luther J. Hall, Kenney, Ill. 4-2

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PARTRIDGE PLYMOUTH ROCK EGGS, \$1.50 per 15. Satisfaction guaranteed. Fred Kypke, Lake Mills, Wis. 4-3

"BARRED PLYMOUTH ROCKS"—KNOXALL STRAIN.—Matings the best, first prize males head our pens. Eggs \$1.50 and \$2.50 for 15; satisfaction guaranteed. Woodlawn Poultry Farm, Nashville, Ark. 4-3

BARRED ROCKS. Eggs \$1.50 per 15. Thompson strain. Ed Schmiedemann, Lake Mills, Wis. 4-3

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RACEY'S BARRED ROCKS will please you; 15 years with this variety. Eggs, 15 for \$1.00; 30 for \$1.75. Jos. L. Racey, Arbela, Mo. 4-3

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RINGLET BARRED PLYMOUTH ROCK EGGS from my finest matings, \$2.00 per 15. John Dixon, Hazel Green, Wis. 4-3

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FOUR PENS STANDARD BRED BARRED Plymouth Rocks. Each heads a winner scoring 94 points. Eggs, \$1.50 per 15; \$3.50 per 50. William Smith, Liberty, Ind. 3-3

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WHITE PLYMOUTH ROCKS EXCLUSIVELY. Fishel's strain direct. Large, beautiful pure white birds scoring to 94. Eggs, \$1.50 per 15. Stock for sale next fall. Free circular. Merton Cox, Manchester, Iowa. 3-3

WHITE ROCKS, FISHEL'S. The kind that win and lay. Eggs, \$1.50 and \$2.50 per 15. John Beetz, Harvey, Ill. 3-3

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26 EGGS, \$1; \$3.50 per 100. Thompson's Ringlet strain of pure bred Barred Plymouth Rocks. Write for circular. Frank Moore, Madison, Ind. 3-3

FARM RAISED WHITE ROCKS. Eggs for sale from big-boned, vigorous birds; the best of winter layers. Pens headed by six fine cockerels, weighing 8 to 9 lbs. You can get fertile eggs here, \$1.50 per 15; \$4 per 50. R. G. Vasey, R. 1, Jacksonville, Ill. 3-3

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"RINGBAR" BARRED ROCKS. Utility and prize winners. Eggs very reasonable. W. H. Eldredge, Plymouth, Wis. 3-3

BARRED PLYMOUTH ROCKS, Bright's strain; good layers; large, vigorous, orchard range. Eggs, \$3.50 for 100; \$2 for 50; \$1 for 15. Laura Michael, R. 6, Dayton, O. 3-3

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QUALITY BUFF ROCKS—Won 1st cockerel, 1st pullet, Trenton, 1909. Eggs, 15, \$2; 30, \$3; 45, \$4. H. Disbrow, Allentown, N. J. 3-3

BARRED PLYMOUTH ROCKS—Leading winners at Uniontown, Somerset and Windber in 1908. Silver cup for best winnings in Barred Rocks. Stock and eggs for sale. Robert M. Weller, Somerset, Pa. 3-3

B. P. R., THE BREED that lays, hatched March 10, 1909, layed first egg Aug. 3, 1909. Nearly 30 years breeding for eggs and size. Stock from this strain for sale, young and old. Zebulon Rose, Thiells, N. Y. 3-3

BARRED ROCK EGGS from Johnston's National Strain of prize-winners. Best pen headed by first cockerel at Indianapolis, \$5 per 15. S. B. Johnston, Fairland, Ind. 3-3

BARRED ROCK COCKERELS—A few very choice pullet-bred cockerels for sale at less than half their value. Also eggs from choicest matings. Write Geo. H. Bie, Racine, Wis. 3-3

32 PREMIUMS. MAGNIFICENT Barred Rocks, White Wyandottes, Black Minorcas, White Leghorns. Finest layers; pullets, \$1.50 to \$3; eggs, \$1.50 per 15. J. N. May, Marengo, Iowa. 3-3

BARRED PLYMOUTH ROCK EGGS, \$1 per 15; \$3 per 50 and \$5 per 100. E. J. Austin, Pana, Ill. 3-3

GALT'S LARGE WHITE ROCKS a specialty. Eggs, \$1 for 15; \$5 per 100. Miss Louie Galt, Appleton City, Mo. 3-3

BUFF, BARRED AND WHITE ROCKS—Winning 2 silver cups, 21 firsts, 10 seconds, 8 thirds in 2 shows. Eggs from the winners, \$3 per setting of 15. Mrs. F. E. Boyd, Dewey, Ill. 3-3

COLUMBIAN ROCK EGGS—Orders booked from April 1st from prize-winning stock at \$3 per 15, \$5 per 30. L. H. Davis, Port Jefferson, N. Y. 3-3

FAULTLESS WHITE ROCKS. Prize getters. 100 eggs in 125 days. Wm. C. Snider, Kansas, Ill. 3-3

WHITE ROCKS, silver cup winners, mated for best results. Eggs, \$2 per 15. D. Jennings, Clare, Mich. 3-3

BARRED ROCKS, Knoxdale strain; fine barring; won at Findlay. Eggs, 15 for \$3, 30 for \$5. Close Bros., Portage, O. 3-3

BUFF PLYMOUTH ROCKS. Eggs from choice matings, \$1.50 per 15. Harry Backhaus, New Bremen, Ohio. 3-3

COLUMBIAN PLYMOUTH ROCK eggs, \$2.50 per 15. George Pinta, Fort Atkinson, Wis. 3-3

WHITE ROCKS (Fishel's). Eggs, utility, 15, \$1.50; 100, \$6. Special mating 15, \$2.50. Jesse C. Brabazon, R. 3, Delavan, Wis. 3-3

BARRED ROCK EGGS, Thompson strain. Exhibition matings, \$3 per 15. Utility, \$1.50 per 15; \$6 per 100. Mrs. James M. Kemp, Kenney, Ill. 3-3

BUFF ROCKS, "NUGGETS." Won all firsts and seconds at Marion and Mansfield, 1909; Cleveland, 1910, second, fourth and fifth, first pen. Silver cup for best display at Mansfield and Cleveland. Eggs from best matings, \$3 15, \$5 30. An extra fine flock, \$1 15, \$1.75 30; \$4 100. Orders booked for chicks. Miss Nora Kiger, 733 East Center St., Marion Ohio. 3-3

BARRED ROCKS. Thoroughbred. 13 eggs, 75c. Liefie Warren, Vernon Centre, Minn. 3-3

WHITE PLYMOUTH ROCKS. Fishel direct; farm raised; good layers, hen, \$1; cocks, \$2.50; eggs, 15, \$1; 100, \$5. Joe Dowdy, Route 2, Dexter, Mo. 3-3

FOR SALE. White Rock eggs from stock scoring 90 to 96. Send for mating list. H. Koerselman, Hull, Ia. 3-3

FISHEL STRAIN UTILITY White Rocks. Eggs, \$2 per 15. Will Weightman, Gilberts, Ill. 3-3

RICHARDSON BARRED ROCKS that lay, win and weigh. Cock, 11½ pounds, winner in four shows. Eggs, \$1.75 per 15; \$4 per 50. Harry Gray, R. 13, Galveston, Ind. 3-3

BUFF ROCKS, 15 eggs, \$1; 100, \$5. Henry Schowe, Jr., New Bremen, O. 3-3

PURE NUGGET BUFF PLYMOUTH ROCK eggs from state winners. The best I ever had. Four exhibition matings, eggs, \$3 per setting, straight. Evergreen Poultry Farm, R. W. Ward, Prop., Normal, Ill. 3-3

BARRED PLYMOUTH ROCKS (exclusively). Four grand matings. Eggs, \$2 15, \$8 100. Stock for sale. H. H. Loutzenhiser, Danville, Ill. 3-3

NUGGET BUFF PLYMOUTH ROCKS—Fine shape and solid Buff Color; heavy laying strain. Eggs, \$1, \$2, \$3 per 15; \$6, \$10, \$15 per 100. William Schott, Holyoke, Mass. 3-4

OUR BARRED AND BUFF ROCKS are good layers and weighers. Fifteen eggs, \$1.50; forty-five eggs, \$3. H. E. Weaver, R. 2, Silverlake, Ind. 3-3

BARRED ROCKS, BRADLEY BROS. and E. B. Thompson's strains, winners of four firsts on four entries at Middletown, N. Y. Choice eggs, \$1 per 13 or \$6 per 100. Baby chicks, 15c apiece after May 1st. B. Rhodes, Port Jarvis, N. Y. 3-3

HERE WE ARE WITH White and Barred Rock eggs for hatching at Burket's Poultry Farm, Route 1, Frenchtown, N. J. 2-4

EGGS FOR HATCHING 10c each. 200 egg stock of Maine Experiment Station Barred Plymouth Rocks. The best at prices within the reach of all. Free range. The only variety on farm. Vigorous, strong and healthy. O. R. Shearer, R. D. 1, Temple, Pa. 2-4

PARTRIDGE PLYMOUTH ROCKS—America's favorites. Pure bred and Rock type. Stock for sale. Eggs two and three dollars a setting. Incubator eggs, ten dollars a hundred. G. A. Potter, Fort Atkinson, Wis. 3-3

HAWKINS AND THOMPSONS, Boston and New York prize-winning Barred Rocks. Eggs, pen No. 1, \$2 per 15; pen No. 2, \$1 per 15. H. F. Davis, 2712 Pine St. Louis, Mo. 1-5

BARRED AND WHITE PLYMOUTH Rocks, Bradley and Fishel strains. Embden Geese, first prize winners at leading shows. Special sale on cockerels, \$2.00 and up. Wm. H. Fathauer, Moweaqua, Ill. 10-09-Smos.

BUFF ROCK EGGS from extra good birds, \$1.50 and \$2 per 15. General flock, \$4.50 per 100. Samuel Elkins, R. 10, Montpelier, Ind. 3-3

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburgh, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-lyr.

COLUMBIAN WYANDOTTES. Eggs for hatching from four fine pens. Fifteen, \$2.00; thirty, \$3.50; fifty, \$5.00. F. M. Griswold, Lakemills, Wis. 4-3

EGGS FROM MY SILVER WYANDOTTES, Springfield and St. Louis winners, \$1.50 per 15. Choice 1-year breeders reasonable. Mrs. Louise Schroeder, Chestnut, Ill. 5-2

WHITE WYANDOTTES, DUSTON STRAIN, from prize winners; none better. 15 eggs, \$1.25; 30, \$2. Wm. Schreck, Waterloo, N. Y. 4-2

BLACK WYANDOTTES—New York, Philadelphia winners. Eggs from exhibition matings, \$2.50. Satisfaction guaranteed. F. C. Wilbert, Madison Square Station, Grand Rapids, Mich. 4-2

SILVER PENCILED WYANDOTTE EGGS. Champion first prize at New York and Chicago. James S. Wason, Grand Rapids, Mich. 5-1

REGAL STRAIN White Wyandotte eggs for sale from prize winners. Large, blocky birds with snow white plumage. Eggs, 15, \$2; 100, \$6. Albert Reed, Clifton Springs, N. Y. 5-4

FANCY BUFF WYANDOTTES—VIGOROUS, great winter layers. Eggs, best pens, \$1.75 for 15. Order direct from this ad. A. W. Welch, Route 9, Madison, Indiana. 5-3

WHITE WYANDOTTES, yearling hens, cocks, eggs. Lowest prices. Dora Dukes, Winamac, Ind. 5-3

WHITE WYANDOTTES, bred, fed and mated right. Eggs, \$2.00 per 15; \$3.50 per 30. They shall please! Hans Olson Rambo, Big Falls, Wis. 5-3

WHITE WYANDOTTES EXCLUSIVELY 9 years. Duston strain direct, standard weight, shape and color, heavy layers, scoring to 96, cup winners. Eggs, \$1 15, \$3 50, \$5 100. Frank Hardwidge, Poneto, Ind. 5-1

KLING'S WHITE WYANDOTTES—the celebrated Regal strain. Am making a special price on eggs this month from pens headed by my prize winners at Pittsburgh, Boston, Ontario, Chicago and Indianapolis winners. No better stock anywhere, and I guarantee to please. Write today and mention American Poultry Journal. Geo. M. Kling, Box 64, Downer's Grove, Ill. 5-2

DUSTON STRAIN White Wyandotte eggs \$2 for 15. W. M. Hassan, Genoa, Ohio. 5-1

WHITE WYANDOTTES, "Busy Bee laying strain." W. C. Gilmore, 1824 Monon St., Waco, Texas. 5-3

PRIZE WINNERS.—Partridge Wyandottes. Stock and eggs for sale. Eggs, \$3 per 15. G. A. Roberts, Warren, Ind. 4-2

SILVER LACED WYANDOTTE Specialist. Won over 100 prizes since 1904. Eggs, \$2 per setting. Heifrich Bros., Hammond, Ill. 4-2

WHITE WYANDOTTES.—Choice cock, cockerels, \$5 to \$25; hens, pullets, \$3 to \$13. Setting eggs, my best, \$5 per 15. None better; utility, exhibition combined. J. H. Frances, Peoria, Ill. 4-3

BUFF WYANDOTTE eggs for hatching, \$2 per 15. A. M. Haines, Plato Center, Ill. 4-3

COLUMBIAN WYANDOTTES. The best winter layers on earth. Fine stock for sale. Eggs, \$2 setting. Write me. A. B. Wolf, Mt. Vernon, Ill. 4-3

SILVER WYANDOTTES.—30 RIBBONS on 30 entries at Scranton and Madison Square Garden, including 12 firsts, 13 seconds in competition with World's Best. Eggs, \$3.00 per 15. W. E. Samson, Kirkwood, N. Y. 4-3

WHITE WYANDOTTES, exclusively. Fine birds mated for best results. Eggs, per setting, \$3; two settings, \$5. L. M. Bremer, Port Washington, Ohio. 4-3

PROSPECT POINT, THE HOME of high class Columbian Wyandottes. Prize winning stock. Beauty and utility combined. Eggs from 1st pen, \$3.00; 2nd pen, \$2.00; 3rd pen, \$1.50 per setting of 15. Mrs. H. M. Paul, Wyandot, Ill., Box 308. 4-3

PARTRIDGE WYANDOTTES.—Silver cup, Chicago, for best display; American Poultry Association diploma, best cockerel. Also big winners, Detroit and Toledo. Stock and eggs. Circular. Dr. Baskerville, Mt. Pleasant, Mich. 4-3

BUFF WYANDOTTES. Eggs from prize winning stock, \$1.50 per 15. S. M. Keltner, Anderson, Ind. 4-3

WHITE WYANDOTTES.—Choice stock, heavy winter layers. Winners when shown. Eggs by setting only. Satisfaction guaranteed. Correspondence solicited. Write me. G. E. Parker, 316 Baty St., Elmira, N. Y. 4-3

HIGH CLASS WHITE WYANDOTTES EXCLUSIVELY. Eggs, \$2. M. J. Porter, Bardwell, Ky. 4-3

BUFF WYANDOTTE EGGS, from show birds. Write for circulars. Albert Walters, Sycamore, Ill. 4-3

WHITE WYANDOTTES. Perfection strain; eggs, \$2 per setting. J. C. Lauther, Three Oaks, Mich. 4-3

WHITE WYANDOTTES exclusively. Fishel strain for 7 years. Our stock scores up to 95½. Eggs, \$2.50 for 15. R. H. Arthur, Dodgeville, Wis. 3-3

SILVER LACED WYANDOTTES—First cockerel; 1st and 2d pullet at the Iowa State Fair, 1909. In pen, 1 hen, 94 points, by Judge Holden; 2 pullets, 93½; 2 pullets, 93½; 1 pullet, 93½; and one pullet, 93, by Judge Ellison. Eggs, \$2 per 13. James W. Adams, Webster City, Ia. 3-3

WHITE WYANDOTTES, exclusively; fine stock; eggs, \$2. C. E. Ewell, Milan, O. 3-3

WHITE WYANDOTTES—Winner of silver cup at Decatur, Ill., 1910. Incubator eggs, \$5 per 100. Special matings, \$3 per setting. Mrs. John A. Record, R. R. 2, Decatur, Ill. 3-3

WHITE WYANDOTTES exclusively. Seventh year. Farm range. Eggs, 75c per 15, \$4 per 100. Mrs. O. Parmeter, Concord, Mich. 3-3

PRIZE WINNING COLUMBIAN Wyandottes at this year's Cleveland show—1st cock, 1st and 4th cockerel and pullet from Chicago, Columbus and Cleveland former winners. I can take care of a high class egg trade and am booking orders. High class stock for sale. C. A. Hamilton, R. F. D. 1, Plymouth, O. 3-4

WHITE WYANDOTTES—Perfect in shape and color; Duston strain; score, 93 to 96½. Line Bred; 11 years. Eggs, \$1.50 and \$2; cockerels, \$3. Satisfaction guaranteed. Chas. F. Thomas, Galveston, Ind. 3-3

WHITE WYANDOTTES—EGGS from good stock, \$2 and \$3 setting. Fairview Poultry Farm, Box 15, Station D, Baltimore, Md. 3-3

\$1 PER SETTING for Columbian Wyandotte eggs from prize winners. Write for photos. H. G. Schoening, Dayton, O. 3-3

COLUMBIAN WYANDOTTES (Originator Eureka strain). Pay trifling more and get best there is. Choice eggs, \$2, \$3, \$5 per 15. Reduction on larger lots if wanted. A. Sherman, Chicopee Falls, Mass. 3-3

WYANDOTTES.

PARTRIDGE WYANDOTTES. Eggs, \$1.50 per 15. Satisfaction guaranteed. Ed Schmiedemann, Lakemills, Wisconsin. 4-3

DUSTON WHITE WYANDOTTES. Eggs, \$1.50 for 15. F. I. Ross, Clare, Mich. 4-2

VERGEROUT'S WHITE WYANDOTTES—Trios, \$4. Eggs, \$1.75. Best pen, \$2.50. H. R. Vergerout, Montfort, Wis. 3-3

DUSTON WHITE WYANDOTTES exclusively. Pen headed by son Madison Square cock, with 210 and over egg hens. Snow white. Mating list. H. C. Daugherty, Anderson, Ind. 3-3

WHITE WYANDOTTES. Pen scoring from 93 to 95½. Heimlich eggs and stock for sale. Raymond Falter, Janesville, Wis. 3-3

WHITE WYANDOTTES—Good layers: eggs, \$1.50 per 15; \$2.50 per 30. Frank C. Pietsch, R. 4, Bloomington, Ill. 3-3

SILVER LACED WYANDOTTES, 2d and 4th pullet on 2 entries Indianapolis show. Eggs, \$2 per 15. Clyde Williams, Parker, Ind. 3-3

PARTRIDGE WYANDOTTES—Eggs for hatching, 15, \$2; 30, \$3. John W. Seyfer, Mt. Pulaski, Ill. 3-3

SILVER LACED WYANDOTTES—Winter layers, 15 eggs, \$1.25. James Roberts, New Windsor, Ill. 3-3

BUFF WYANDOTTES exclusively. Eggs from fine stock, \$1 per 15. Earl B. Morris, Signal, Ohio. 3-3

WHITE WYANDOTTES bred from great laying strain and prize winning stock, having unlimited range; that means good, strong chicks. Eggs, \$1.50 per 15, \$5 per 100. Choice stock and White Holland toms for sale. All eggs guaranteed fresh, with good shape and shell. H. W. Anderson, Stewartstown, Pa. 3-3

WHITE WYANDOTTES—Buy direct from the originator of the famous Wonder Strain. Same old guarantee, your money back if not perfectly satisfied. Eggs from birds that have won this winter, and former shows. Per 15, \$3.00. Pen No. 2, \$2, including 4 eggs from pen No. 1. L. B. McDonald, 425 Catherine St., Springfield, Ohio. 3-3

SILVER LACED WYANDOTTES—Eggs for hatching, \$2 per 15, from an elegant mating, selected from the great winning Silver King & Samson strains. J. M. Holt, Marshalltown, Iowa. 3-3

COLUMBIAN WYANDOTTES. Large, healthy, fine layers and show birds. Eggs and stock at moderate prices. Ill. circular. Willows Poultry Yards, R. F. D. 2, Long Beach, Cal. 3-3

SNOW-WHITE WYANDOTTES, with red eyes and yellow legs. Carry blood of 200 to 272 egg ancestry. Good size. They lay and win. Eggs, \$2 per 15; \$5 per 100. Calvin Norman, R. 2, Dexter, Mo. 3-3

WHITE WYANDOTTE eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

BUFF WYANDOTTE EGGS, \$2 per setting of 15 from show stock. P. M. Klinefelter, Morrisville, Ill. 3-3

BUFF WYANDOTTES—Good shape and color; heavy laying strain. Eggs from four fine pens. \$2.00 per 15; \$10 per 100. William Schott, Holyoke, Mass. 3-4

WHITE WYANDOTTES EXCLUSIVELY—Duston, large, blocky, farm range. Eggs, 15, \$1.25; 30, \$2; 50, \$3; 100, \$5. Wm. Galbraith, Route 12, Chambersburg, Pa. 2-4

GOLDEN WYANDOTTES—My Golden's have won for me at Missouri State, Kansas City and Clinton, Ia., shows. Eggs for sale. Write John Tuttle, Princeton, Mo. 2-4

COLUMBIAN WYANDOTTES of quality. Eggs, \$2 per 15. B. McBride, 615 Sheridan Ave., East Liverpool, Ohio. 3-3

PARTRIDGE WYANDOTTES—Sixty-six ribbons and specials at eight leading shows. Two shows, each with over ninety-five entries competing in class. Three silver cups. Three firsts. Three National Partridge Wyandotte Club ribbons, and the Buffalo Gold-Special at Buffalo International. Fifteen prizes, Guelph, Canada's greatest show, with nearly five thousand entries. Mating list ready, sent on application. Frank Glass, London, Canada. 3-3

FINEST STRAINS GOLD AND SILVER Wyandottes. None better. Winners. One choice pen of each, limited number of eggs, \$2 for 15. A few good pullets for sale. J. H. Lowry, Hedgelawn Farm, Smithfield, O. 3-3

PARTRIDGE WYANDOTTE eggs, \$1.50 for 13; \$3 for 30. John Burkhardt, Orland, Ill. 3-3

BUFFS ONLY. Eggs from standard bred and scored stock, \$1.50 per 15. Vigor and fertility our special care. Willis Brown, Slippery Rock, Pa. 3-3

SILVER LACED WYANDOTTES exclusively. 15th year. Prize winners. Farm raised stock. Eggs from exhibition matings, \$2 per 15; \$3.50 per 30. Satisfaction guaranteed. A. D. Long, Blooming Glen, Pa. 3-3

PRIZE WINNING BUFF Wyandottes. Stock and eggs. Reasonable. E. W. Sittler, Pittsfield, Ill. 3-3

COLUMBIAN WYANDOTTES. ARNOLD STRAIN direct. Well striped, fine combs, Wyandotte shape. Eggs, \$2 per 15; \$3 for 30. F. H. Yarnall, Pottstown, Pa. 3-3

WHITE WYANDOTTES, Duston strain. Extra fine, blue ribbon winners at St. Louis, Decatur, Albany and Sheridan. Score, 95½. Circular. 15 eggs, \$1; 50, \$3; 100, \$5. Herbert F. Smith, R. 8, Bluffton, Ind. 3-3

WHITE WYANDOTTE EGGS for hatching from blue ribbon winners, scoring to 96½. (Judge Heimlich.) Write for mating list and prices. Satisfaction guaranteed. Wm. S. Mapes, R. 3, El Dorado, Ill. 3-3

WHITE WYANDOTTE EGGS—Good stock, \$5 per 100, March; later, \$4.50. Russell Simpson, Palmer, Ill. 3-3

SILVER LACED WYANDOTTES exclusively. Pure bred and good layers. Eggs, \$1.50 per 15. Mrs. Julia Martin, Marshfield, Mo. 3-3

SILVER WYANDOTTES exclusively. Cleveland winners. Just a few fine cockerels left. Satisfaction guaranteed. Eggs, \$2. G. F. Stewart, Coshocton, O. 3-3

COLUMBIAN WYANDOTTES exclusively. Large, standard, blocky, vigorous birds; fine markings; direct from noted breeders. Eggs, \$1, 15; \$3, 50. Columbian Wyandotte Yards, Poneto, Ind. 3-3

MY STRAIN OF COLUMBIAN Wyandottes are built from two greatest strains in the United States. Eggs, \$2.50 per 15; \$4 per 30. A few choice cockerels left. Write me. R. Vandervort, Keyesport, Ill. 3-3

BLACK WYANDOTTES—Boston, New York, Chicago, Cleveland winners. Splendid layers. Eggs \$3 and \$5 per 15. Howard Grant, Marshall, Mich., Box C. 2-4

BUFF WYANDOTTES—A few late pullets at \$2.50 each. Egg orders booked now, \$1.50, \$2.50 and \$5 per setting. Robt. Kundert, Monroe, Wis. 2-4

EGGS FROM PRIZE WINNING Buff, Partridge and Columbian Wyandottes. Cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-1f

LEGHORNS.

EGGS FOR HATCHING at half price from Silver Duck Wing Leghorns and Black Leghorns. Frank McCabe, Newark Valley, N. Y. 5-2

S. C. WHITE LEGHORN BARGAINS remainder of season. Eggs, chicks, breeders any quantity. Write quick. Jas. H. Robey, Box 62, Fairfield, Ill. 5-3

BROGDEN'S ROSE COMB WHITE LEGHORNS won at Chicago, St. Louis. Eggs from all pens one-third off in price. Choice matings, \$2.00; others, \$1.00 15. Thos. Brogden, Rush Lake, Wis. 5-2

OUR ROSE COMB BROWN LEGHORNS won three years at Chicago. Pullets lay at 4½ months old. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

SINGLE COMB WHITE LEGHORNS bred to lay, strain of vigorous beauties. Eggs, \$1 per 15; \$2 per 35; \$3 per 55. Infertile eggs will be tested out. This means every egg you get from me will be hatchable. No guess work here. Good size light boxes and cork packing will be used in shipping. This furnishes cushion and even temperature. D. P. Crowley, Lock Haven, Pa. 4-4

SINGLE COMB BROWN Leghorn eggs, hens score 92 to 94½. Wiebke's strain, 15, \$1.50; 30, \$2.50. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

S. C. W. LEGHORNS, the kind that win and lay. None better anywhere, as my record proves. May is the time to hatch them. Order a setting of my eggs now and win at the shows next season. Eggs, \$5 per 15. Harmon Bradshaw, Box A, Lebanon, Ind. 5-2

SINGLE COMB WHITE LEGHORN HENS \$10.00 doz. Eggs, \$1.00 for 15; \$4.00 for 100, express prepaid on 200; 93% fertility in March at sixth day test. Five hundred cockerels hatched April 14 and May 8, 50c each, if taken when weighing one pound. Order now. Elmer Shaw, Grand Junction, Mich. 5-2

TO MAKE ROOM for new stock, will sell 2 and 3-year-old Single Comb Brown Leghorn hens at \$1.00 each, every one guaranteed to be in perfect health and laying now. O. F. Clark, Dallas City, Ill. 5-2

ROSE COMB BROWN LEGHORNS—Kulp's 242-egg strain. Eggs from high-scoring and prize-winning stock, \$1, 15; \$4 per 100. Pirtle Poultry Farm, Bloomfield, Iowa. 5-2

S. C. BROWN LEGHORNS, the kind that lay and win. Special prices on eggs now; \$1.50 to \$3 per 15. Order now and get the best. Geo. F. Buck, Port Clinton, Ohio. 5-2

LEGHORNS. PURE WHITE LEGHORNS ONLY. Beauties. Dollar setting. Questions answered. Emmet Toepp, Gurley Avenue, Troy (North), N. Y. 4-3

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Tabor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 4-3

SINGLE COMB BUFF LEGHORNS. Prize winning stock. Eggs, \$1.50 per 15. Lakeside Poultry Yards, North Chicago, Ill. 4-2

SINGLE COMB WHITE LEGHORNS. Young's Strain. None better. Buying from me you get the best laying strain on earth. Eggs, \$2.50 per 15. F. O. Mittag, Lone Rock, Iowa. 4-3

MY SINGLE COMB BROWN LEGHORNS are noted for size, eggs, blue ribbons and silver cups. Special matings, 15 eggs, \$3; 15, \$1; 30, \$1.75; 50, \$2.25; 100, \$4. Miss Maggie Sword, Pekin, Ind. 2-4

ROSE COMB BROWN LEGHORNS.—Kulp's 242-egg strain. Prize-winners. Bred for size, quality, and egg-production. Eggs, 15, \$1; 100, \$4. R. H. DeVault, Bloomfield, Ia. 3-3

SILVER (DUCKWING) LEGHORNS. Eggs, \$2.00 per 15. Orders booked now. T. W. McClure, Carey, O. 3-3

BROWN LEGHORNS, BOTH COMBS. New York and Chicago winners. Mating list. Freedom Poultry Yards, Freedom, Pa. 4-3

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three first, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 4-3

S. C. BUFF LEGHORNS. Five firsts, three seconds, one third at Waterford. Eggs from best pen, \$2.00 per 15. John Grueter, Burlington, Wis. 4-3

ROSE COMB BUFF LEGHORNS. 13 eggs \$1.00. Leonard A. Waltman, R. 44, New Albany, Pa. 4-3

WELDAY'S VITALITY STRAIN Single Comb Brown Leghorns have a 4 years' entire flock average of 207 eggs per hen yearly. 27 years line bred for vigor and eggs; tested and guaranteed fertile eggs at right prices. Catalog. K. K. Welday, Seville, Ohio. 4-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonsport, Ia. 4-3

SINGLE COMB BUFF LEGHORNS. Eggs from Premium birds, line bred, as fine as ever wore feathers, \$3.00 per 15. Eggs from choice selected birds on the farm, \$4.00 per 100. S. M. Keltner, Anderson, Indiana. 4-3

SELECT STRAIN. S. C. Brown Leghorns. Eggs, \$1 per 15; \$5 per 100. John M. Pearcey, Martinsville, Ind., Route 17. 3-4

ROSE COMB WHITE LEGHORNS, Elephant strain. First cockerel at Seattle, Iowa State two first and club cup. Eggs, utility 5c, range 10c, pen 16 2/3c each. Catalogue. Rogers Ranch, Pleasanton, Ia. 2-4

FOR SALE SINGLE COMB Brown Leghorn eggs, \$1 for 15; \$4 per 100; also bull terrier pups. S. S. Vick, Carterville, Ill. 4-3

ONE AND TWO DOLLARS setting; 6 varieties Leghorns; \$4 hundred. Circular free. Co-operative Poultry Company, Lewistown, Ill. 4-2

ROSE COMB BROWN LEGHORNS. Eggs, 20, \$1; 50, \$2.50; 100, \$4. 17 years' experience. None better. Ella Thorp, Mt. Sterling, Ia. 4-3

COATES' STRAIN. S. C. W. Leghorns, better than ever. My eggs have produced winners for most big shows for last two years. Dr. R. C. Coates, Thomasville, Ontario, Canada. 4-3

SINGLE COMB BUFF LEGHORNS, best winter layers. Eggs, \$1.25 per 15. Frank Burdick, Fremont, Ind. 4-3

SINGLE COMB WHITE LEGHORNS, White Chinese Geese and Indian Runner Ducks. Eggs for hatching. Write for free circular. W. M. Sawyer, Box A, Lancaster, Mo. 3-3

20 EGGS, \$1; 100, \$3.50. Rose Comb Brown Leghorn, 20th Century egg machine; farm raised. Vigorous stock. A. C. Bugbee, Fowler, Ind. 3-3

LEGHORNS.

BEAUTIFUL ROSE COMB Buff Leghorns. Wonderful layers. Eggs, 15, \$1.50. W. D. McNaughton, Tompkins, Pa. 3-3

SINGLE COMB BUFF LEGHORN eggs, \$4.00 100. John Vaness, South Bend, Ind., R. 5. 4-3

SINGLE COMB BROWN LEGHORN, Wittman, the great laying strain, second to none in egg production. Eggs from select birds, 15, \$1; 50, \$2.75; 100, \$4.50. Mrs. Rosa Simpson, Palmer, Ill. 3-3

CRONENWETT BROWN LEGHORNS are silver cup winners at Butler, Feb., 1910, won 1-2-3-4-5-6 hen, 2-5 pullet, 2 cock, 2 cockerel, 1 pen. Silver cup for best display, also 4 specials. Eggs from 4 grand matings, \$2.50 per 15. C. P. E. Cronenwett, Butler, Pa. 3-3

LEGHORNS—ROSE COMB White and Brown. Eggs, \$1.50 per 15. John Johnson, Calhoun, Mo. 3-3

BLANCHARD'S WYCKOFF SINGLE COMB White Leghorns, 20 eggs, \$1; 100, \$3.50; fertility guaranteed. Circular. W. Albers, Lombard, Ill. 3-3

5 CENTS AN EGG—Single Comb Brown Leghorns. Males used are from first prize Chicago winners. O. L. Judson, Galesburg, Ill. 3-3

ROSE COMB WHITE LEGHORNS—Eggs from first prize winners at Missouri State Show, 1909, and Illinois State Show, 1910. Circular. Edward L. Beach, 645 Sixth, Lincoln, Ill. 3-3

ROSE COMB WHITE LEGHORN eggs, \$1.50 per 15. Kulp's strain; good winter layers. B. L. Searle, Margaretville, N. Y. 3-3

BUFF LEGHORNS—Forty cockerels at \$3, bred from my Madison Square winners. B. S. Beuerlein, Mt. Morris, N. Y. 3-3

S. C. BROWN LEGHORNS—Baby chicks, \$10 per 100 eggs by setting. Circular free. H. M. Moyer, R. 2, Bechtelsville, Pa. 3-3

SINGLE COMB WHITE LEGHORNS. Young strain. Prize winners. Eggs, 13, \$1; 30, \$2; 100, \$4. Baby chicks, 50, \$5.50; 100, \$10. No stock. W. H. McCormick, R. C64, Ransom, Ill. 3-3

ROSE COMB BUFFS. Eggs, from standard bred and scored stock, \$1.50 per 15. We won everything in this class at Butler, Pa., show. Willis Brown, Slippery Rock, Pa. 3-3

SINGLE COMB BROWN LEGHORNS, 26 eggs, \$1, except one pen headed by a cockerel of Wiebke's prize winning strain from this pen—20 eggs, \$3. Martin Lepere, Gerald, Mo. 3-3

S. C. W. LEGHORN—Won at Illinois National Poultry show, Newton, Ill., 1st cock, 1st hen, 2d and 3d pullet, and 1st pen. Catalogue free. Richland Farm, Parkersburg, Ill. 3-3

SINGLE COMB BROWN LEGHORN EGGS, \$1.50 per setting; 2 settings, \$2.50. Satisfaction guaranteed. L. P. Selle, Harvell, Ill. 3-3

MY SINGLE COMB BROWN LEGHORNS are bred for heavy laying as well as for exhibition. 24 years' experience. Wittman's strain. 50 eggs, \$2; 100, \$3.50. J. L. Forney, Birds Run, O. 3-3

ROSE COMB BROWN LEGHORNS — Eggs from winners \$1 and \$2 for 15; 100, \$5. F. L. Dadisman, Independence, W. Va. 3-3

SILVER DUCKWING LEGHORNS—Eggs reasonable, from Chicago, Kansas City, Minneapolis winners. Albert Pringnitz, Naperville, Ill. 3-3

SINGLE COMB WHITE LEGHORNS exclusively. In my strain you will find both quality and production; eggs, \$1 per 15; \$1.75 for 30. Correspondence invited. Address John Hy. Bartram, Walden, N. Y. 3-3

SUNNYSIDE STRAIN S. C. BLACK Leghorns. Bred 20 years. Utility and beauty. High scores. Sunnyside Farm, Hawley, Mass. 3-3

SINGLE COMB BUFF LEGHORN eggs from prize winners. Send for our free mating list. It tells all about our prices of eggs and show record; also choice cockerels for sale. Westview Poultry Yards, Box A, Machias, N. Y. 3-3

PURE R. C. BROWN LEGHORNS exclusively. Eggs for hatching, 15, \$1.25; 105, \$5. No stale eggs shipped. B. D. Runyon, Golden Rule Farm, Fillmore, Ill. 3-3

PEDIGREED S. C. BUFF LEGHORN eggs from hens with records between 219-267, mated to son 250 record hen. Great laying and show points combined. Dr. Loren Heasley, Dorr, Mich. 3-3

S. C. B. Leghorns. Eggs, \$1.50 per 15. John Peacock, Jr., Morris, Ill. 3-3

ROSE COMB WHITE, BUFF, BROWN Leghorn eggs and cockerels for sale (no Buff cockerels). Lynus Macomber, Gaylord, Mich. 3-3

S. C. WHITE LEGHORNS—Great layers. Sure winners. Write. Hillside Poultry Farm, Council Bluffs, Ia. 3-3

ROSE COMB BUFF LEGHORNS—Eggs, \$1.50 for 15; cockerels for sale. Famo Poultry Ranch, Alden, Minn. 3-3

SINGLE COMB BUFF LEGHORN eggs, 13, \$1; \$5 per 100. Safe delivery, good hatch, card free. John Ahrends, Sunman, Ind. 3-3

S. C. BROWN LEGHORNS. Eggs from large vigorous birds. Great layers. Will refund money if not satisfied. \$1.50 for 15. Chas. C. Taragher, Lorain, O. 3-3

BLACK LEGHORNS of quality. The kind with the golden yellow legs. I have one of the heaviest laying strains in America. Eggs, \$3 and \$2 per 15. R. G. Fluker, Warsaw, N. Y. 3-4

S. C. BROWN LEGHORNS—Incubator eggs a specialty; pure bred; males, Bright strain; \$6 per 100; \$50 per 1000. Leghorn Farms, Box B, North Adams, Mich. 3-3

S. C. BROWN LEGHORN eggs from prize winners. Best pen, \$1.50 per 15; other pen, \$1 per 15. O. Stebbins, Bad Axe, Mich. 3-3

SINGLE COMB BROWN LEGHORNS exclusively. Eggs from farm-raised, free range fowls; great layers, 15 for \$1; 50, \$3; 100, \$5. Will Brandt, Eaton, Ind. 3-3

SINGLE COMB BROWN LEGHORNS—Winners Lincoln and Decatur shows. Mating circular. Adolph Dietrich, Lincoln, Ill. 3-3

SINGLE COMB WHITE LEGHORNS—Eggs, from high scoring birds, \$1 for 15. William Vercler, Chenoa, Ill. 3-3

EGGS FROM THE FINEST S. C. BROWN Leghorns at \$1.50 per 15. Wm. Huber, Hinsdale, Ill. 3-3

SINGLE COMB WHITE LEGHORNS. Am one of the largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Eggs, \$7 for 100; 50 for \$4; 15 for \$1.50. Day-old chicks. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minn. 3-3

SINGLE COMB BROWN Leghorns—Big laying strain. Eggs for hatching, \$1.50 for 15. Industry Poultry Yard. C. E. Brown, Prop., Powhatan Point, Ohio. 3-3

GUFFY'S S. C. WHITE LEGHORNS are layers. Eggs, \$1 setting. Mrs. Julius Guffy, Webb City, Mo. 3-3

BLANCHARD - WYCKOFF SINGLE COMB WHITE LEGHORNS. Strains separate. No breed or strain equals these as heavy layers. Finest breeders, layers; show birds; on approval. Day-old chicks, any number, any distance, guaranteed. Hatching eggs, any number, from choice selected stock, my specialty. Carefully packed against cold, breakage. Guaranteed 80-95 per cent fertile. Fifteen years' experience. Reference: First National Bank. Circulars. C. N. Reynolds, Canton, Pa. 3-3

ROSE COMB WHITE LEGHORNS—Won 3 firsts and 2 seconds on 5 entries at Minneapolis, 1910. Stock and eggs for sale. Emil Aker, Marshall, Minn. 3-3

SINGLE COMB BROWN LEGHORNS, bred for size, eggs and to win. Special prize matings. 15 eggs, \$1; 50, \$2.50; 100, \$4. Mrs. John Dietrich, Borden, Ind. 2-4

WINNERS—ROSE COMB WHITE LEGHORNS. Lew Nelson, R. 3, Britt, Ia. 2-6

ROSE COMB BROWN Leghorns. Layers and winners, stock and eggs. J. G. Cunningham, Pipestone, Minn. 2-4

SINGLE COMB WHITE LEGHORN eggs \$1.50 and \$2 per 15, \$6 per 100. C. W. Diller, Steward, Ill. 2-4

ROSE COMB BUFF LEGHORNS. Winners at Madison Square, Cleveland, Buffalo, etc. Some nice stock for sale. Howard J. Fisk, Box A, Falconer, N. Y. 12-6

ORPINGTONS.

S. C. BUFF ORPINGTON EGGS, \$1.00 for 15. Mrs. John L. Wilson, Mt. Carroll, Ill. 5-1

SINGLE COMB BUFF ORPINGTON EGGS, 50 cents for 13 the remaining season. Fine, farm-raised flock. Mrs. Wm. Swanson, Genoa, Ill. 5-1

HAMMETT ORPINGTON FARM, Buff, Black, and White Orpingtons, stock and eggs a matter of correspondence. Chas. Hammett, Mgr., Mansfield, Ohio. 5-1

S. C. BUFF ORPINGTON—Eggs from pen of high-scoring hens, headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 5-2

S. C. WHITE AND BLACK ORPINGTONS. Eggs, White, \$3, \$2; Black, \$2.50. Dr. Thos. Dedrick, Washington, N. J. 5-1

WHITE ORPINGTON EGGS FOR HATCHING. Pen No. 1 headed by that grand big cockerel that won 1st at the great 1910 Philadelphia Show. This cockerel is a wonder in type; big, broad, long back; deep, full breast; extra short shank, and is the best White Orpington I could buy at any price. Mated to four hens that I believe are equal to any four hens owned by any one breeder in America. They have the true Orpington shape, very deep bodied, deep full breast, extra short in shank. Will spare a few settings from this grand pen at \$10.00 per 15 eggs. Pen No. 2 headed by one of Mr. Kellerstrass' best birds, mated to ten extra low down, grand type hens, the kind you are all looking for. Eggs from this pen, \$3.00 per 15 eggs. I paid Mr. Kellerstrass \$30.00 per setting for these same eggs. Ten years a breeder of Real Orpingtons. Member National White Orpington Club. Member first Orpington club of America. Ed. Biederstadt, Majestic Theatre, Madison, Wis. 5-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass strain. Eggs from best mating, \$3.00 per setting of 15. Securely packed. Satisfaction guaranteed. Harvey R. Brown, Lock Box 441, Highmore, So. Dak. 5-2

S. C. BUFF ORPINGTONS. Cook Strain. Yard one is headed by a grand cockerel, score 92½, weighs 10 pounds, mated with seven grand hens, selected for size, type and color; \$2.00 for 15. Yard two consists of 10 fine pullets, headed by a beautiful colored cockerel, score 92½; \$1.00 per 15. Ernest Sanderson, Baraboo, Wis. 4-3

FAMOUS "DUKE OF KENT" Black Orpingtons. Big, low, blocky birds, true to standard. Wonderful layers. Settings low price. Kenilworth Poultry Yards, Holyoke, Mass. 5-1

CRYSTAL WHITE ORPINGTONS, "Kellerstrass strain." Eggs at half price or \$1.50 per 13 after May 1. Edw. M. Longmore, Somers, Wis. 5-1

S. C. WHITE ORPINGTONS, large, vigorous birds, best layers. Ribbon winners. Eggs from best pens, \$2.00; second pens, \$1.00 per 15. S. S. Kanaga, Taylorville, Ill. 5-2

BUFF ORPINGTONS.—If you are intending to buy Buff Orpington eggs for hatching it will probably be very much to your advantage to send for our Mating List, before placing your order, because we make some strong claims about our eggs, that are likely to interest you. You can judge from this Mating List, whether these claims are likely to be true or not. Anyway, send for it, and then decide where to buy. Our young stock is reared on free range on our 140-acre farm, and all our fowls are housed in fresh-air houses, insuring health, size, vigor and laying qualities. Forty-five prizes on our Orpingtons last winter. Our Buff Orpingtons are phenomenal layers. Whatever you do, send for our Mating List. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess County, New York. 1-10-1yr

S. C. BUFF ORPINGTON EGGS—Cook's, Williams' strains, \$1.50 per 15; \$7 per 100. L. M. Voorhees, Jerseyville, Illinois. 5-2

KELLERSTRASS STRAIN CRYSTAL White Orpington eggs, \$2.00 15. Thos. Brogren, Rush Lake, Wis. 5-2

S. C. WHITE ORPINGTON eggs from three choice yards. Quality birds, large size, cobby type. Dr. B. A. Edwards, Beloit, Wis. 5-1

KELLERSTRASS WHITE ORPINGTONS—wonderful layers; 15 eggs \$2.50. Mrs. John Stokes, Route 4, Kankakee, Ill. 5-3

SETTINGS FROM PRIZE WINNING BUFFS. Bred for shape and color. Splendid layers. Settings of 15, \$2.50, \$1.50 and \$1.00. Also have some stock for sale. Martin Barklage, St. Charles, Mo. 4-3

SINGLE COMB BUFF ORPINGTONS, direct from Kansas City and St. Louis winners. Eggs, \$2 for fifteen. Circular free. Tulloch Bros., Barnard, Mo. 4-2

SPECIAL PRICE on White Orpington eggs from eight select pens. No better to be found. See display ad on another page. Brookdale Farm, Hillsdale, Mich. 5-10-1f

SINGLE COMB BUFF ORPINGTONS exclusively. Prize winners wherever exhibited. McClave strain. Heavy egg producers. Golden buff to the skin, large boned, well shaped. Eggs, \$3 and \$2 per 15. Seventy-five per cent fertility. Gray Call Duck eggs, \$1.50 per 15. C. H. Figuers, Fern Hill Poultry Plant, Wake-man, O. 3-4

ORPINGTONS—BUFF eggs, \$2 for 25; Black and White, \$4 per 25. Exhibition matings higher. Send 10c for Black Orpington Club Catalog, containing colored photograph of Black Empress, greatest hen that ever lived. Send 25c for year's subscription for Orpington Magazine. Milton Brown, Cheviot Farm, Cincinnati. 5-3

CLOSING OUT SALE—S. C. Buff Orpingtons, 10 pullets and 1 cockerel. These are excellent colored stock, up to weight, and good Orpington shape. Am selling them in order to breed the S. C. White Orpingtons exclusively. Pullets, \$2 to \$5; cockerels, \$8. Satisfaction guaranteed. Mackey's Poultry Farm, Nevada, Iowa. 3-10-1f

ORPINGTONS.

WHITE ORPINGTONS.—May and June are ideal months for hatching. In our White Orpington eggs we offer Great Quality at very reasonable prices. Our young stock is reared on free range on our 140-acre farm, and all our stock is housed in fresh-air houses, so that we get the finest result in health, vigor and size. Lots of prize-winners in our breeding pens. Forty-five prizes on our Orpingtons last winter. None but heavy layers in our pens. You may not do yourself justice unless you send for our Mating List before buying eggs. We claim to give greater value in our White Orpington eggs than can be obtained elsewhere. Anyway, send for our Mating List, and see how we substantiate our claim. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess County, New York. 1-10-1yr

WORLD'S BEST ORPINGTONS. White, Buff, Black, Single, and Rose Comb. Winners of over 1,200 prizes at America's best shows. Catalogue. We can start you right with chicks or eggs. J. S. Haupt, Box 97, Fairview Farm, Easton, Pa. 5-3

KELLARSTRASS CRYSTAL WHITE ORPINGTONS. Carefully selected for their laying qualities. Cut prices on eggs. High class stock. Get my free circular before buying your eggs. H. King. Tappan, N. Y. 4-3

BUFF, BLACK, WHITE! ORPINGTONS! Our book illustrates winners of American Championship under Standfield. Also describes our imported Crystal Palace Winners. Free if you mention this paper, otherwise 2 stamps. Cheviot Farms, Cincinnati. 4-3

BLACK ORPINGTONS.—This grand variety is increasing in popularity all the time. Ours are prize-winners, as you will learn by writing for our Mating List. We house our breeding stock in fresh-air houses, which means health, vitality, fertility in eggs and vigor in chicks. Our young stock is reared on free range on our 140-acre farm, giving a fine start in life. You should write at once for Mating List, and get full particulars as to what we have to offer in eggs from this grand fowl. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess Co., N. Y. 1-10-1yr

S. C. BUFF ORPINGTONS.—Solid Buff from head to tail; good shape and eyes. Eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Stewart, Ill. 1-6

LAST SPRING I BOUGHT a pen of "Crystal" White Orpingtons from the Kellerstrass farm and they have "made good." This spring I can spare a few settings of eggs at very reasonable price. Good hatch guaranteed. Reference: The Union Bank of Corinth. H. S. Green, Corinth, Miss. 3-3

BUFF ORPINGTON EGGS.—\$1.50 and \$2 per 15; \$10 per 100. Fertility guaranteed; 3 pens large golden Buffs. C. E. Ash, Aquasicola, Pa. 2-4

SINGLE COMB BUFF ORPINGTONS. Stock for sale. Eggs from three high scored pens, headed by sons of Cook's Madison Square cock, \$3 setting. Emma Adams, Wyaconda, Mo. 4-3

S. C. BUFF ORPINGTONS.—Cook strain direct. Eggs, \$2.00 per 15; \$10.00 per hundred. B. S. Long, Little Sioux, Ia. 4-3

S. C. BUFF ORPINGTON EGGS. Farm range, 15, \$1. Fine pen, \$1.50. Alice Keltner, Jasper, Mo. 3-3

S. C. BUFF ORPINGTONS.—Eggs from pen of high-scoring hens, headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 4-1

BREEDER OF CRYSTAL WHITE ORPINGTONS. Kellerstrass strain exclusively. Settings, \$3 per 15, or \$5 per 30. Henry Meyers, 604 Elvin Ave., Hamilton, Ohio. 4-3

S. C. BUFF ORPINGTON EGGS, from special matings, \$2.00 per 15. Other pens \$1.00 per 15, \$5.00 per 100. Half price after June 1st. Lorten Files, Mill Shoals, Ill. 4-3

KELLERSTRASS WHITE ORPINGTONS. Scored 90 to 95 by McClave. Honest values, square dealings; satisfaction. Eggs, \$2 and \$3 for 15; \$12 100. C. M. McWhorter, Wakeman, Ohio. 4-3

SINGLE COMB BUFF ORPINGTON EGGS, \$1 per setting. Mrs. John A. Jewell, R. S. Decora, Iowa. 3-3

ORPINGTONS.—Single Comb Crystal White and Golden Buff. All pens contain prize winners. Won many prizes in five states in 1909. Eggs, \$3 per setting of 15 from either pen. Circular. Jas. L. McDavid, Hillsboro, Ill. 2-4

CRYSTAL WHITE ORPINGTONS. Kellerstrass strain. Some choice cockerels for sale cheap. Eggs from 2 grand pens, \$5 per 15. A. C. Thompson, Iola, Kan. 3-3

ORPINGTONS, LARGE, BLOCKY, solid buffs, winners of 36 ribbons 3 shows. 15 eggs, \$2. Baby chicks, 25c. C. R. Smith, Burnt Prairie, Ill. 3-3

SINGLE COMB BUFF AND BLACK of prize winning stock. Eggs, Buff, \$1 15; Black, \$1.50 15. J. H. Martin, Lehmasters, Pa. 3-3

EGGS FROM FANCY WHITE ORPINGTONS, \$2 and \$4 per 15. Crystal and Cook strains. Ed. Priddle, Litchfield, Ill. 3-3

CRYSTAL WHITE ORPINGTONS. Kellerstrass strain. Selected eggs from a pen of beauties at reasonable prices. W. T. McConnell, DeLand, Ill. 3-3

WHITE ORPINGTON EGGS, 15, \$1.50; 100, \$6; satisfaction guaranteed. Nancy Garner, R. 2, Box 98, Dexter, Mo. 3-3

EDWARDS' S. C. BLACK ORPINGTONS. "NONE SUCH." Send for mating list. Dr. Geo. B. Edwards, Laceyville, Pa. 3-3

WHITE ORPINGTONS.—Cook strain. Good stock. Eggs, \$2.50 per 13. L. S. Brooke, Howell, Mich. 3-3

SINGLE COMB WHITE ORPINGTONS exclusively. Eggs, \$2.50 per 15; \$4.00 per 30; \$12.00 per 100. Stock for sale. Charles A. Faller, Newton, Ill. 3-3

SINGLE COMB BUFF ORPINGTONS. Nine years a breeder. Cook strain. Eggs, \$5 per 100; \$3 for 50. Fred S. Long, Fredericktown, O. 3-3

ROOT'S GOLDEN BUFF ORPINGTONS have won at leading eastern shows. Strict attention given to egg production. Send for mating list. Stock shipped on approval. John Root, Jr., Collingswood, N. J. 2-4

ROSE COMB BUFF ORPINGTONS (Cook's strain). Grand color and type. Eggs from two pens of high scoring birds. Prices reasonable. W. T. Pierce, Kewanee, Ill. 3-3

SINGLE COMB WHITE ORPINGTON EGGS, Kellerstrass and Cook strains. W. C. Spurgin, Panama, Ia. 3-3

EGGS FOR HATCHING S. C. Buff Orpingtons, \$2.50 per setting. Black Spanish, \$2 per setting. Bruno Meier, New Melle, Mo. 3-3

SINGLE COMB BUFF ORPINGTONS. Prize-winning cockerel. Eggs for sale. Arthur Short, Coffee, Ill. 3-3

S. C. WHITE ORPINGTON EGGS from Fort Wayne blue ribbon winners, 1910. Scientifically mated, \$2 and \$3 per 15. W. Bruner, 1324 Huestis Ave., Fort Wayne, Ind. 3-3

"GOLDEN ROD" BUFF ORPINGTONS. Most profitable and beautiful fowl. First, second, third and fourth at Havana, Lewistown and Canton. One thousand hens to fill egg orders from. R. M. Seward, Lewistown, Ill. 3-3

A CLEAN SWEEP.—On Single Comb Buff Orpingtons at Omaha and Lincoln, Neb., winning 1st cockerel, 1st pullet, and 1st pen at each show, besides other prizes and specials, placing our Buffs unquestionably in advance of competitors in the Mid-West. Ask for 1910 mating list. Prewitt, Box D, Onawa, Ia. 2-10tf

CHOICE ORPINGTONS. Single Comb White and Buff eggs, \$1.50 per 15. Wm. Risley, Smith's Landing, N. J. 3-3

EIGHT WHITE AND TWELVE BLACK Orpington cockerels ready for mating. Cook strain. A 1 stock, \$2.50 to \$5 each. Ideal Poultry Farm, Box 14, College Hill, Ohio. 3-3

SINGLE COMB BLACK ORPINGTONS, winter layers, 15 eggs, \$2. Walter Burgess, Pana, Ill. 3-3

ROSE COMB BUFF and Single Comb White Orpington eggs, \$1 per 15. R. W. Aucker, Fort Trevorton, Pa. 3-3

DIAMOND JUBILEE AND BLACK Orpingtons. Beauties, grand layers, large birds. Fine specimens for sale. Eggs in season. Rev. W. Berberich, Peotone, Ill. 3-3

CRYSTAL WHITE ORPINGTONS.—Eggs, \$2 and \$4 per 15. High class stock. Pens headed by first prize cockerel from Kellerstrass' \$30 eggs. Send for mating list. O. Anderson, Barnard, Mo. 3-3

SINGLE COMB WHITE ORPINGTONS. Eggs, \$3 per 15, \$8 per 50, from utility birds that yielded over 90 per cent winter eggs. Frank H. Leach, Broomfield, W. Va., Member American White Orpington Club. 3-3

CRYSTAL WHITE ORPINGTONS.—Cockerel heading first pen is sired by Crystal King (few Cook cockerels). Walter Steidinger, Forrest, Ill. 3-3

CRYSTAL WHITE ORPINGTONS. Kellerstrass strain. I won 3 1sts, 2 2ds and 2 4ths at Schenectady, N. Y., 1909. A few cockerels for sale. Eggs in season. Thomas F. Hines, Salem, N. Y. 3-3

S. C. BUFF ORPINGTONS.—Grand winter laying strain. Two shows got me 14 ribbons; seven blue. \$1.50 per 15 eggs, \$7 per hundred. 93 average score of males used in these pens. "Your money's worth, always." You'll say so, too. C. H. Anderson, Box A287, Galesburg, Ill. 3-3

ROSE COMB BUFF ORPINGTONS exclusively. Eggs from Madison Square, 1910, prize birds, also Chicago, Cleveland, Cincinnati, etc., \$3 per 15. Special selected, \$5 per 15. S. D. Lance, Troy, Ohio 3-3

SINGLE COMB BUFF ORPINGTON EGGS, \$1.25 per 15, \$2 per 30. W. O. Hixson, Bonfield, Ill. 3-3

SINGLE COMB BUFF ORPINGTONS.—Silver cup winners January, 1910. Cocks, cockerels. Eggs, \$2.50 per 15. C. E. Myers, Danville, Ill. 3-3

S. C. WHITE ORPINGTONS, Cook strain, \$2, \$3, \$5 per setting. Prize winners. Sunny Side Poultry Yards, Edgar W. Strong, Prop., Smethport, Pa. 3-3

SEVERAL S. C. BLACK ORPINGTON cockerels, some scored, \$2 to \$5. J. A. Lopp, Mt. Carmel, Ill. 3-3

WHITE ORPINGTON EGGS. Kellerstrass strain, \$3.50 for fifteen. Number limited. Henry J. Moore, R. 1, Waynesburg, Pa. 3-3

S. C. WHITE ORPINGTONS, bred from Cook's prize winners. A few cockerels for sale. Eggs in season. J. E. Hockett, Westboro, Ohio. 3-3

SINGLE COMB BUFF Orpington eggs, 15 for \$1. Lida Martin, Ripley, Ohio. 3-3

SINGLE COMB BUFF AND BLACK ORPINGTONS.—Winners at Philadelphia and Cleveland. Send for mating list containing cut of "Black Beauty." Book orders for eggs early. Cairngorm Farm, Nottingham, Ohio. 2-5

SINGLE COMB WHITE ORPINGTONS.—Imported direct from William Cook of England. Also Crystal White Orpingtons. Eggs from large, vigorous, snow white, heavy laying stock, \$3 to \$5 per 15. Mrs. J. H. Weaver, Winamac, Ind. 2-4

S. C. WHITE ORPINGTON.—Cook strain, bred to lay. Eggs, \$2 and \$3 per 15. W. B. Myers, Wayne City, Ill. 2-4

SINGLE COMB WHITE AND BUFF ORPINGTONS.—Byers and Kellerstrass strain. Fine young stock and eggs for sale at reasonable prices. Also Light Brahmas, cockerels and pullets, for sale from first class stock; eggs in season. Write me your wants; satisfaction guaranteed. M. J. Thompson, Buena Vista, Allegheny Co., Pa. 2-6

FOR ORPINGTON EGGS and chicks, White, Buff and Black, drop postal to the Whittaker Orpington Farm, Attleboro, Mass., R. F. D. No. 4. 2-5

S. C. BUFF ORPINGTONS.—Exclusively stock direct from Cook. Eggs, 15, \$1.50; 30, \$2.75; 50, \$3.50; 100, \$5.50. Frank Myers, Oakwood, Ohio. 2-4

\$1 BOOK POSTPAID 10 CENTS. National Single Comb Buff Orpington Club Catalogue tells why they are the best fowls on earth. Over one hundred pages, fully illustrated. Victor Hobbs, secretary, Trenton, Mo. 3-3

SINGLE COMB BUFF ORPINGTONS.—"The Golden Nugget Strain." We showed six consecutive weeks and won 90 per cent of the prizes, which I think is one of the best showings that can be made in the West. Our mating list will be ready February 10. A postal card will bring it to you. Two pens of high scoring prize-winners. D. W. Boydston, Nevada, Ia. 10-09-1 yr.

ORPINGTONS.—Black, White and Jubilee. Send for fine egg and chick catalogue; fine white cockerels cheap. Walt Arnold, Le Grand, Iowa. 2-4

FOR THE BEST ORPINGTONS, all varieties, you must send to their originators. Send 6c for illustrated catalogue. William Cook & Sons, Box A, Scotch Plains, New Jersey. 5-09-tf

SINGLE COMB WHITE ORPINGTONS.—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

RHODE ISLAND REDS.

RHODE ISLAND RED EGGS from a choice lot of stock of heavy winter layers for sale at low prices. Send for illustrated book and write me your wants. Mrs. A. A. Berry, Clarinda, Iowa. 5-1

GRAND, ALL YEAR ROUND LAYING Reds. Both combs, \$1.00 setting. Discount on quantities. Kenilworth Poultry Yards, Holyoke, Mass. 5-1

S. C. RHODE ISLAND REDS exclusively. A few eggs from choice well mated stock at \$1.50 15. March and April hatched cockerels after August 1. Pure bred, healthy, vigorous stock. Mrs. Lorinda B. Hyde, Marshfield, Mo. 5-3

THEY SAY WILSON HAS THE BEST Rose Comb Reds in Norwood Park. He has Reds that win and lay in winter. Eggs, \$2 per 15. Day-old chicks, 15c apiece. C. Wilson, Norwood Park, Ill. 5-2

RHODE ISLAND REDS.

ROSE COMB RHODE ISLAND REDS (Tuttle strain). Pen 1 scored 91 to 93½; \$3 per 15. Pen 2 scored 89 to 91½; \$2 per 15. Mrs. Wm. Franz, R. 1, Avoca, Iowa. 5-2

ROSE COMB R. I. REDS. Eggs from high scoring stock, \$2.00 per 15. H. H. Smith, Rutland, Vt. 5-2

ROSE COMB RED eggs from prize winning pen. Pure Lester Tompkins strain. Satisfaction guaranteed. Dr. W. C. Bradshaw, Ogden, Iowa. 5-3

CORNISHQUALITY Reds are the world's best birds. Satisfaction guaranteed. Advertisement inside front cover. 5-10-tf

SINGLE COMB RHODE ISLAND Red cockerels for sale. Score 92½ to 94. Eggs, special, \$3; utility stock, \$2 and \$1 per set. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

EGGS from S. C. Rhode Island Reds that are right. Stock on free range, which insures fertility. Special prices on eggs now. We guarantee satisfaction. R. M. Stafford, Chardon, Ohio. 5-2

ROSE COMB RHODE ISLAND REDS, great layers. 17 eggs, \$1.00; 30 eggs, \$1.50. Mrs. Dessa Coope, Scholten, Mo. 5-1

SINGLE COMB RHODE ISLAND REDS. The great winter layers. Correct shape and color. Birds and eggs for sale. Settings \$2.00. A. B. Wolf, Mt. Vernon, Ill. 4-3

ROSE COMB RHODE ISLAND REDS—Eggs from large, vigorous prize-winning birds, great laying strain, 15 for \$2. Satisfaction guaranteed. W. S. Decker, Hudson, N. Y. 4-2

RHODE ISLAND REDS, both combs. 100 eggs, \$4. Circular free. C. S. Johnson, Belvidere, Ill. 4-2

ROSE COMB RHODE ISLAND REDS. Standard bred birds of quality. Eggs at a price you can afford to pay, \$1.50 for 15. T. E. Marlan, Pontiac, Ill. 4-3

FOR SALE—SINGLE COMB R. I. R. eggs, \$1.50 and \$2 per setting. Scored birds bred to standard. John Lorigan, 512 E. Washington Ave., Madison, Wis. 4-2

RHODE ISLAND REDS that will win wherever shown. Eggs, \$1.25 per 15, and \$5.00 per 100. Johnson Co., Babylon, N. Y. 4-2

SINGLE COMB REDS EXCLUSIVELY. Home of best in the world. Winners at all leading shows. Eggs, \$2, 15; \$10, 100. After May 15 half price. Stock for sale at all times. William Phillips, Jr., Amsterdam, N. Y. 4-3

MY TWELVE S. C. REDS at Aurora show won four firsts, three seconds, fourth and fifth prizes, thirty-eight birds competing. Stock and eggs for sale. V. Hibner, Aurora, Ill. 4-3

S. C. RHODE ISLAND REDS—"It pays to buy the best." Stock and eggs for sale from prize-winning pens. Send for 1910 mating list. J. G. Dutcher, Maplecroft Farm, Pawling, N. Y.; H. D. Warner, Manager. 4-3

SINGLE COMB R. I. REDS. Winners this season at New York, Schenectady, Utica and New York State Fair. Eggs from prize-winning matings. A few good breeding cockerels. Send for circular. B. H. Arthur, Gloversville, N. Y. 4-2

FOR SALE—EGGS FOR HATCHING—Single and Rose Comb Rhode Island Reds. Bred for standard color and size from the leading strains, \$1 per 20. Dr. Charles Burt, Lake George, N. Y. 4-2

ROSE COMBED RHODE ISLAND RED eggs from two special pens, \$2 per 15. Other pens, \$1 per 15; \$5 per 100. Half price after June 1. H. Lorten Files, Mill Shoals, Ill. 4-3

SINGLE COMB REDS, Lester Tompkins' strain. Silver cup winners. Eggs from pens headed by males scoring 94 to 95½ and females 91 to 93½ by McClave, \$2 per 15. Utility birds, \$1 per 15; \$5 per 100. Wm. Ginn, Delphi, Ind. 4-2

ROSE COMB REDS, at Minneapolis, 1910, won 2 firsts, 3 seconds, 3 thirds, best shape, color and display. Catalogue free. Geo. N. Houghton, 520 University Ave., S. E., Minneapolis, Minn. 4-3

SINGLE COMB RHODE ISLAND REDS. High scoring birds. Eggs, \$1.50 per 15. Albert Shreffler, Bonfield, Ill. 3-3

ROSE COMB RHODE ISLAND REDS. Cherry Red C. have won at Chicago, Sedalia, Mo., Elgin and Rockford for years. Eggs, \$2 for 15, or \$5 for 50. Mating list March 1. H. T. Shannon, Box 34, Cary Station, Ill. 3-3

ROSE COMB REDS. Tuttle's and Sibley's strains. Thirty prizes at Three Rivers, Vicksburg and Dowagiac, including grand silver medal. Pens headed by males scoring 94½ and 94½ under Tucker. Mating list free for eggs and baby chicks. Jasper Moorlag, Vandalia, Mich. 3-3

SINGLE COMB RHODE ISLAND Reds. Four grand matings headed by 94-point males. Select females. Eggs, \$2 for fifteen. Walter Morgan, Jeffersonville, Ill. 3-3

RHODE ISLAND REDS—For sale, choice cockerels Rose and Single Comb prize winning stock, \$3 up; order quickly before they are sold. Blenheim Poultry Farm, R. F. D. No. 2, Doylestown, Pa. 3-3

PRIZE WINNING S. C. REDS. Write for prices on eggs. Charley Ginn, Delphi, Ind. 3-3

S. C. R. I. RED EGGS, Tompkins, Caswell and other strains. First prize winners and unusually fine stock. Eggs, \$1.50 per setting; two settings, \$2.50. Everett M. Whittemore, Box 246, Putnam, Conn. 3-3

EGGS FROM R. C. RHODE Island Reds, three dollars per fifteen and one-fifty per fifteen. Good winter layers. Edith Thompson, West Middlesex, Pa. 3-3

FOR SALE—ROSE COMB R. I. Red eggs, \$2 per setting of fifteen; three settings, \$5. Satisfaction guaranteed. Mrs. A. H. Fortner, Plano, Tex. 3-3

IF YOU WANT EGGS the year around and a fine market fowl, get our strain of S. C. Rhode Island Reds. Free range. Satisfaction guaranteed. Eggs, \$1 per 15; \$5 per 100. Crehore Bros., Lorain, Ohio. 3-3

15 EGGS, \$1; 45, \$2.50. Rose and Single Comb Rhode Island Reds, DeGraff's strain direct. Theo. Schneider, 28, Madison, Ind. 3-3

PURE BRED R. I. REDS, both combs. Eggs, \$3 per 15, \$5 per 30. Herman Reimers, 1019 East 14th St., Davenport, Iowa. 3-3

ROSE COMB RHODE ISLAND REDS. By winning fifteen ribbons at Tennessee State Fair and nine at Tri-State in 1909 we have proven our Reds to be the best in the South. Stock for sale. Eggs, \$2, \$3 and \$5 for fifteen. Hale & McCartney, Box 464, Lebanon, Tenn. 3-3

SINGLE COMB RHODE ISLAND REDS. Eggs from pen headed by prize winning cock Columbus, 1909, \$2 per 15. Utility, \$2.50 for 50, \$4 per 100. Circular. Robt. Armstrong, 1051 Sullivant Ave., Columbus, Ohio. 3-3

ROSE COMB RHODE ISLAND REDS. Eggs from prize winning stock. Write for matings and prize list. H. J. McWhinney, Leechburg, Pa. 3-3

EGGS FOR HATCHING from well-bred Single Comb Reds, Tompkins' strain, \$1 per 15. Irvin Eaver, Sea. Haven, Pa. 3-3

SINGLE COMB RHODE ISLAND REDS. Eggs from pen headed by a 9¼-lb. cock scoring 94½, \$2.50 per 15; other pens, \$1. Jesse Maricle, Mill Shoals, Ill. 3-3

LESTER TOMPKINS' STRAIN S. C. R. I. Reds. Prize winners. Satisfaction guaranteed. Eggs, \$3 and \$1.50 per setting. E. F. Ramm, New London, Wis. 3-3

UTILITY RHODE ISLAND RED eggs, both combs. P. M. Ingram, Route 20, Brighton, Ill. 3-3

ELY'S SINGLE COMB REDS. Wonderful layers. Blue ribbon winners. Eggs, \$2 per setting. Dr. W. L. Ely, Fredericktown, O. 3-3

EGGS FROM GOOD farm range R. C. Rhode Island Reds, one dollar per fifteen. Mrs. E. V. Lane, Lacon, Ill. 3-3

SINGLE COMB REDS. Eggs from eight yards of extra fine matings at \$2 for 15. Write if wishing further information. W. E. Snively, Hudson, Ill. 3-3

SINGLE COMB RHODE ISLAND REDS, free range. Fifteen eggs, \$2. J. P. Rosen, Faribault, Minn. 3-3

SINGLE COMB RHODE ISLAND Red eggs for sale, \$2.50 for 15. Bred to standard. Wm. Roeger, Elmwood Ave., Ft. Wayne, Ind. 3-3

MUSICK'S FAMOUS ROSE COMB Reds won 4 firsts, highest scoring display, all specials, Bloomington, 1910. Tuttle strain. Eggs, \$3 15, \$5 30. Satisfaction guaranteed. George Musick, Route 6, Bloomington, Ill. 3-3

R. C. REDS. Eggs from the grand winter layers, \$1.50 15. Fred Meyer, Lexington, Ill. 3-3

THREE PENS OF REDS. Eggs and baby chicks at bargain figures. Circular free. I. C. Tobias, Sargent, Neb. 3-3

ROSE COMB REDS—Tuttle strain. Exceptionally fancy stock. Eggs, \$2 per 15. T. S. Walker, Riceville, Ia. 3-3

"RIVERSIDE STRAIN" ROSE COMB Rhode Island Reds. Winners at New York, Philadelphia, Allentown, Trenton and Easton. Hatching eggs from silver cup winners. Circular. Edward S. Lambrite, Box 50, Erwinna, Pa. 4-2

R. C. RHODE ISLAND REDS—Prize-winners. Eggs from special matings, \$3 per 15; \$5 per 30. Free range, \$1 per \$15; \$6 per 100. Lucy E. Taylor, Aledo, Ill. 2-4

CHOICE S. C. R. I. RED eggs and cockerels for sale. I won three times as many first prizes as any one exhibitor in a large class of fine show birds. Eggs, \$2 per 15. Robert L. Smith, Route 10, Sidney, O. 3-3

EGGS FROM SINGLE COMB REDS. Send for winnings and mating list. Chris. Dahlgard, St. Charles, Ill. 3-3

IF YOU WANT Reds that are red, both combs, I have them. Eggs, \$1 setting; \$5 100. Willis State, So. Windham, Conn. 3-3

PRIZE WINNING STRAIN of Rose and Single Comb Rhode Island Reds. Eggs, \$2 and \$3 per setting. Chas. Kolar, 2704 So. Central Park Ave., Chicago. 3-3

R. C. REDS THAT WIN and lay. Score 91-94½. 15 eggs, \$1 to \$3. George Moyer, Berrien Springs, Mich. 3-3

S. C. RHODE ISLAND REDS. Eggs for hatching from the most famous strains, \$2 and \$3 per 15. Write for particulars. Strasburg Poultry Yards, Strasburg, Ohio. 3-3

ROSE COMB REDS. Four fine pens. Mating list free. J. A. Storment, Salem, Ill. 3-3

REDS, S. C., EGGS, \$1 per 15. Catalog free. M. D. Lyster, St. Johnsbury, Vt. 3-3

ROSE COMB RHODE ISLAND REDS—Eight years' experience. Eggs, 15, \$1; 30, \$1.75; 100, \$5. Israel Kinney, Route 7, Bellefontaine, Ohio. 2-5

LESTER TOMPKIN'S STRAIN RHODE ISLAND REDS—Both Combs, bred to lay and exhibit. Stock for sale. Eggs for hatching, \$1 per 15; \$5 per hundred. J. M. Drumm, Mercersburg, Pa. 2-4

ROSE COMB RHODE ISLAND REDS—Winners Jamestown Exposition, New York, Boston, Philadelphia, Trenton, Allentown and wherever shown. Eggs for hatching. Send for booklet showing matings and winnings. A few good cockerels for sale. Louis Anderson, Bloomsbury, N. J. 1-5

ROSE COMB RHODE ISLAND REDS. Winners at Minneapolis. Eggs, \$1 for 15. Stock for sale. Famo Poultry Ranch, Alden, Minn. 3-3

RHODE ISLAND WHITES.

THE HEN THAT LAYS is the hen that pays. Rhode Island Whites mature quick. Big layers, fine broilers and roasters. Free catalogue. C. A. Foster, Colonial Poultry Yards, Akron, Ohio. 4-3

START 1910 WITH RHODE ISLAND WHITES, the grand new breed with a future. Get your foundation stock from our pens. There's a reason. Send for catalogue and mating list. Lakeview Poultry Farm, Box 600, Borodino, N. Y. 3-3

MINORCAS.

HEAVY SINGLE COMB BLACK MINORCAS. Before placing your order for eggs write me for circular. Elmers, 4045 Lee Ave., St. Louis, Mo. 5-2

SINGLE COMB BLACK MINORCAS, Northup strain, from prize winning stock. 15 eggs, \$1.50. W. Schreck, Waterloo, N. Y. 4-2

ROSE COMB Black Minorcas exclusively. Northup-Sutton and other leading strains. Twelve years breeding this one fowl. Will win in strongest competition. Insure satisfaction. Send for circular. Eggs in season. Harold Stevenson, Coshocton, O. 5-2

ROSE COMB WHITE MINORCAS, St. Louis-Oshkosh winners. Eggs, \$2.00 15. Circular. Thos. Brogren, Rush Lake, Wis. 5-2

BEST DISPLAY AT CHICAGO, also at Buffalo International on Rose Comb White Minorcas. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

ROSE AND SINGLE COMB White Minorcas for sale. Peter M. Wilson, Cold Spring, N. Y. 5-3

ROSE COMB WHITE MINORCAS. Chicago prize winners. If you want large white birds try my Minorcas. Eggs, \$3.00 per 15. Henry Brockschmidt, Freistatt, Mo. 5-1

BLACK MINORCA TRIOS, \$6.50; pullets, Brown Leghorns, Houdans, \$2; Orpington cockerels, White Minorca eggs \$2. Dr. Thos. Dedrick, Washington, N. J. 5-1

S. C. BLACK MINORCAS, the kind that lay those large white eggs. A few more settings of eggs to spare from prize winning pens. Write for special prices this month. Ben W. Wilhite, Crawfordville, Ind. 5-2

EGGS FOR HATCHING—If you want strongly fertilized eggs from as good S. C. Black Minorcas as grow I can supply you at prices that are right. All I ask is a trial. I guarantee satisfaction. H. J. Shann, Painesville, O. 5-2

\$1 PER SETTING; 100 eggs, \$5, from large and vigorous S. C. Black Minorcas. Write for show record and mating list. H. Ockelmann, Hawker St., Dayton, O. 3-3

MINORCAS.

CATALOGUE FREE—16 years' experience breeding for heavy egg production. Eggs from exhibition trap-nested record layers, 200 to 240 the year, 15, \$2; 30, \$3.50; 50, \$5; 100, \$8. H. H. Wadsworth, Waynesville, Ohio, Originator Blue Grass Strain Single Comb Black Minorcas. 4-2

SINGLE COMB WHITE MINORCAS in all their purity. Madison Square winners. William Sapper, Box S, Erie Pa. 4-3

SINGLE COMB BLACK and Barred Minorcas. In Blacks I have three fine pens of prize winners. Eggs, \$5 per 15. In Barred, two fine pens at \$10 per 15. J. Harry Johnston, 23 East Main, Uniontown, Pa. 4-3

ROSE AND SINGLE COMB Black and Single Comb White Minorcas. 15 eggs, \$1.50, from choice stock. Frank Lillebrant, Hart, Mich. 4-3

STANDARD BRED SINGLE C. B. Minorcas. The kind that win, the kind that pay. Eggs, \$3 per setting of 15; \$5 per 30. E. S. Denbo & Son, Orleans, Ind. 4-3

EGGS FROM MY ROSE Comb Black Minorcas. prize winners, Northup strain, \$2.00 per setting 13 eggs. C. L. Cross, Riversville, Ill. 4-3

SEND ME your Rose Comb Black Minorca orders. My stock lay lots of eggs, are farm raised from the highest priced pedigreed stock. I won 1, 2, 3 cockerel, same on pullets, 1 on hen, at the recent Schenectady show. Eggs, \$3 for 15. Walter Talbot, Schenectady, N. Y. 3-3

WE ARE NOW BOOKING orders for eggs from Northup and Campbell strains Rose Comb Black Minorcas. Stock scores from 93 to 95. Eggs, \$2 per 15. Write us. Lester E. Pierce, Wakeman, Ohio. 3-3

ROSE COMB BLACK MINORCAS. Campbell, Northup strains. Last Cleveland show 1st hen, pullet, pen, 2d cock, cockerel, pullet, 5th hen. Seven entries. Few cockerels. M. H. Crumrine, Nova, Ohio. 3-3

ROSE AND SINGLE COMB Black Minorcas. Eggs from prize winning stock, \$2 per 15. Special price in quantities. Write for booklet. Cockerels for sale. R. C. Braund, Towanda, Pa. 3-3

ROSE COMB BLACK AND WHITE Minorcas. Eggs and baby chicks from Madison Square winners. Incubator eggs a specialty. Glenn E. Ferris, Poplar Ridge, N. Y. 3-3

MY ROSE COMB BLACK MINORCAS won at Schenectady and Johnstown. Eggs best pens, \$2 per 15. Thos. Madden, Jr., Gloversville, N. Y. 3-3

SINGLE COMB BLACK MINORCAS. 18 years a breeder. Largest stock of breeders in the United States. Write for egg list. E. S. Foulks, Jefferson, Iowa. 3-3

S. C. BLACK MINORCAS. Now is the time to place your order for eggs. Chicago, Fort Wayne and Indianapolis winners in our pens. Write us for prices. W. F. Lindenberg & Bro., Fort Wayne, Ind. 3-3

STANDARD WEIGHT ROSE COMB Black Minorca cockerels, Northup strain, \$5. 13 eggs, \$3. John Leeders, Michigan City, Ind. 3-3

SINGLE COMB BLACK Minorcas exclusively bred for utility and exhibition. Circulars. C. C. Adams, West Derby, Vt. 3-3

SINGLE COMB BLACK MINORCAS. Prize winners at Shelbyville, Lebanon, Sheridan and Evansville, 17 firsts, 10 seconds, 2 specials. Eggs, \$2 per 15. H. A. Brattin, Brazil, Ind. 3-3

ROSE COMB BLACK MINORCAS. Pittsburg, 1909, 1st cockerel, 1st pullet, 2d cock, 3d hen on 4 entries. Five silver cups out of 4 shows 1910. Stock for sale. Eggs in season. Dr. F. H. Hayes, Butler, Pa. 3-3

STEVENS' S. C. B. MINORCAS—I have a nice lot of males and females for sale. Also eggs from 4 pens of selected breeders. Write for circular. J. Frank Stevens, New Castle, Pa. 3-3

S. C. WHITE MINORCAS. Jerome strain. Eggs, \$1.50 per 15. Utility, \$5 per 100. Rev. C. W. Seelhoff, Owosso, Mich. 3-3

WINN'S PURE BRED S. C. B. Minorcas. Northup strain direct. Eggs, \$2 per 15. Fertility guaranteed. J. M. Winn, Freeport, O. 3-3

S. C. BLACK MINORCAS. Northup and other leading strains. 15 eggs, \$1. Joseph Burkholder, Kunkle, Ohio. 3-3

MINORCAS—ROSE COMB BLACK Minorcas. 15 eggs, \$1, from prize winning stock. J. L. Royce, Nassau, N. Y. 3-3

MY SINGLE COMB BLACK Minorcas won all firsts at State Fair, Mankato and St. Paul, including all specials. Standard weight and up to date. Eggs, \$2 and \$3. F. Nelson, 981 Delaware, St. Paul, Minn. 3-3

ROSE AND SINGLE COMB White Minorcas. 15 eggs, \$1.50, from choice birds. Chas. Palmer, Nassau, N. Y. 3-3

SINGLE COMB BLACK MINORCAS exclusively. Eggs for hatching from standard bred stock, extra good layers of large white eggs, \$1.50 per setting; \$4 per 3 settings. Elm Poultry Yards, Elmhurst, Ill. 3-3

AMERICAN CHAMPIONS—R. C. B. MINORCAS. Blue ribbon winners Madison Square, Hagerstown, Allentown, Scranton, Wilkes-Barre, Buffalo and all the leading shows. Stock and eggs for sale. Thos. G. Samuels, Nanticoke, Pa. 3-3

SINGLE AND ROSE COMB BLACK MINORCAS—Northup, Sutton and other leading strains; will sell eggs for hatching. Write your wants and I will insure satisfaction. B. D. Staley, Chambersburg, Pa.; Franklin Co. 2-4

McFADDEN'S ROSE COMB BLACKS—Winners first St. Louis, Springfield and elsewhere; 15 eggs, \$3. Free illustrated catalogue. Ben McFadden, Havana, Ill. 2-4

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"BADGER STRAIN" HOUDANS are the kind that lay. Eggs, \$2.00 per 15. W. R. Bridgman Company, Wautoma, Wis. 5-1

HOUDANS—15 eggs \$2; dark pullets for sale. Laura B. Reiff, Idaville, Ind. 5-3

HOUDAN EGGS, great laying strain. Pen 1, \$1.50; 2, \$2.50; 3, \$3.50; for 15 eggs. Walsh & Archer, 4408 Park Ave., Chicago. 5-2

HOUDANS OF QUALITY, Taylor strain. A few choice cockerels. Also eggs from winners, \$3 per 15. Mrs. Mary E. Such, Montville, O. 4-3

"FAULTLESS" HOUDANS, 287 egg strain. Six elegant pens. Circular free. W. C. Snider, Kansas, Ill. 4-3

HOUDANS—TWO PENS, one headed by first prize cockerel Elmira, 1909, beating the Madison Square Garden second prize bird; the other by his son. Two splendid pens. Standard in color, toe, crest and comb. Five dollars for thirteen eggs. Harris & Blampied, Elmira, N. Y. 4-3

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GROTT'S IMPORTED HOUDANS were brought across from France by a friend of mine. Every bird I own has bred from these birds. Have eggs, breeders and scored stock for sale. Frank T. Grott, Kiel, Wis. 3-3

HOUDAN EGGS—Grand mated pens, including Madison Square and Brooklyn winners. White Orpington eggs from daughters Kellerstrass' best fowl. E. J. Leonard, Elkland, Pa. 3-3

HOUDANS—15 EGGS, 75c. Fine cockerels. Weber Bros., Maugansville, Md. 3-3

HOUDANS EXCLUSIVELY—The coming bird. A few settings of eggs for hatching from prize-winning hens; excellent winter layers. Pen No. 1, \$3; No. 2, \$2 for 15. S. M. Crosby, Leechburg, Pa. 2-4

IT IS A RECOGNIZED FACT that "Q. & B." Houdans are "the best." If you start with "the best" you will save time, money and annoyance. If you want a flock of prize winners and record layers combined, demand "Q. & B." Houdans. Write for our beautiful descriptive catalogue; it is free. Eggs, \$2.50, \$5 and \$10 per 15; ten chicks guaranteed to hatch. Quimby & Brown, 109-H High St., Ipswich, Mass. 3-3

HOUDANS EXCLUSIVELY, McAvoy strain. Ideal birds. Eggs, \$2 per 15. Richard Pengilly, Albany, Wis. 3-3

IMPORTED HOUDANS OF QUALITY—Eggs for hatching; also cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

FAMOUS HOUDANS—Eggs and day-old chicks from greatest layers and Memphis, St. Louis and Indianapolis winners. Catalogue. Prospect Poultry Farm, Orleans, Ind. 2-5

HAMBURGS.

SILVER SPANGLED HAMBURGS, spangled from head to hock. Eggs from two grand pens, Madison Square Garden and Kingston winners, \$2 per 15. P. C. MacDonald, Kingston, N. Y. 4-3

SILVER SPANGLED HAMBURGS. Eggs from fine birds, \$2 per 15. Cedar Hedge Poultry Farm, Savannah, Ohio. 4-3

SILVER SPANGLED HAMBURGS. White Wyandotte eggs for setting, \$1 15; \$5 100. H. H. Scott, Sinks Grove, W. Va. 3-3

FIFTY SILVER SPANGLED HAMBURGS for sale, including males. Won first cockerel, first pullet, Chicago; Elgin grand prize, \$15. Eggs, \$2. Specials, \$3. Alexander Thoms, Elgin, Ill. 3-3

EGGS FROM HIGH-GRADE Golden Pencilled, Golden and Silver Spangled Hamburgs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

SILVER SPANGLED HAMBURGS—Originator of the "Black Diamond" strain. Bred in line for twelve years. First Madison Square winners in my yards. I won every first and special at Columbus, Greenwich, New London and Mansfield, Ohio. Breeders for sale. Eggs, \$2.50 per 15; \$4 per 30. Descriptive circular free. Satisfaction guaranteed. Will L. Clark, Sullivan, Ohio. Member Hamburg Faniers' Club. 2-10-11.

RED CAPS.

IMPORTED ENGLISH RED CAPS. Eggs, \$3 per 15. Raymond Weidenfeller, Mineral Point, Wis. 3-3

RED CAPS—Eggs, \$2.50 per 15; \$4 per 30. W. E. Schackmann, Newton, Ill. 3-3

COCHINS.

OAKWOOD FARM STRAIN Buff and Partridge Cochins. Winners at Chicago and other leading shows. Stock for sale. Write for mating list. DeWitt Yates, St. Anne, Ill. 3-3

BUFF, WHITE, PARTRIDGE COCHINS. Madison Square, 2 firsts, 3 seconds (five entries). Boston, \$100 Challenge Cup, 10 firsts, 3 seconds, fourth and fifth (fifteen entries). Choice stock for sale. Will book few settings, \$10. Hugh A. Rose, Welland, Canada. 3-3

BUFF COCHIN SPECIALIST eleven years. Valuable catalogue free. S. Berger, Pleasant Hill, O. 3-3

LANGSHANS.

BLACK LANGSHANS exclusively, standard bred. Eggs, 15, \$1.50; 100, \$5.00. Mrs. M. L. Shroyer, New Windsor, Ill. 5-3

WHITE LANGSHAN eggs from stylish type, with vigor, size and great egg-producing quality. Fine strain of winter layers. Low price. Be friendly. Write me your wants today. Mrs. A. Berry, Clarinda, Iowa. 5-1

WINNERS, LAYERS, BEAUTIES—White Langshans that lay, weigh and pay. Bred from first cockerel Indiana State Show. Eggs, \$1.50 firsts, \$1 seconds. Cedar Lawn Poultry Farm, Rutland, Ohio. 5-1

BLACK LANGSHANS trio, seven dollars. L. Engelhart, Edwardsville, Ill. 5-1

FARM REARED BLACK LANGSHANS. High scoring birds. Flock in prime condition. Splendid layers. Eggs, 15 for \$1.50; 30 for \$2. S. H. Muck, Mill Shoals, Ill. 4-3

BLACK LANGSHANS. Prize winning stock. Eggs, \$2 per 15. Lakeside Poultry Yards, North Chicago, Ill. 4-2

"PEERLESS" WHITE LANGSHANS. First Madison Square, Jamestown Exposition, Boston, Chicago, Cincinnati, Indianapolis, St. Louis. Stock, eggs, chicks. Stamp for catalogue. Kearns-Preston Poultry Plant, Ripley, O. 4-3

BLACK LANGSHANS EXCLUSIVELY. Eggs, \$1 per 13. Levi Keys, Vermillion Grove, Ill. 3-3

BEAUTIFUL ILLUSTRATED FOLDER giving full description of my Black Langshans, matings, etc., sent free on application. C. G. Lee, Walworth, N. Y. 3-3

THREE-SILVER CUP strain of Black Langs. Eggs and cockerels. Gus Norton, Union City, Mich. 3-3

BEST LANGSHANS. Stock and eggs. J. M. Rupard, Olmsted, W. Va. 3-3

WHITE LANGSHANS. Winners at State Show, St. Louis, December, 1909. Eggs, \$1.50 to \$3. Circular free. Henry Brockschmidt, Box A, Freistatt, Mo. 3-3

BLACK LANGSHANS. Winners of 32 prizes this season. Stock scoring to 96. 15 eggs, \$2. Baby chicks, 25c. C. R. Smith, Burnt Prairie, Ill. 3-3

BRAHMAS.

EGGS FROM PRIZE WINNING Light Brahmas, \$2 per setting. Free circular. Philip Thorwarth, Genoa, Ill. 4-3

LIGHT BRAHMAS, scoring 92 to 94½. Eggs, \$3 for 15. Reo Pickens, Haskins, Iowa. 3-3

LIGHT BRAHMAS. Exhibition grade only. Eggs, \$3 per 13. No stock for sale. James Pilow, Cold Spring-on-Hudson, N. Y. 3-3

LIGHT BRAHMAS EXCLUSIVELY 15 years. Extra fine. Eggs, \$1.50 for 15; \$2.50 for 30. A. T. Baird, Eureka, Ill. 3-3

LIGHT BRAHMAS. Eggs, \$3 per 15. Pen 1 headed by 1st cockerel Kansas City. Pen 2 headed by cock scoring 95. Hens score to 95½. Pullets to 96½. Stock for sale. Kiney I. Miller, Box T, Lancaster, Mo. 3-3

LIGHT BRAHMA eggs, \$1 per 15; \$3 per 50; \$5 per 100. O. J. Austin, Pana, Ill. 3-3

DARK BRAHMAS. High class stock. Scientifically mated for grand results. Eggs, \$3 per 15. J. A. Zollinger, Goshen, Ind. 3-3

ANCONAS.

ANCONA EGGS FOR HATCHING. Bred for exhibition and heavy winter laying. H. L. Reat, Charleston, Ill. 5-3

MOTTLED ANCONAS, the greatest layers in existence. Bred for egg production and purity of stock. Eggs, \$1.50 per 15. W. B. Lashley, Powhatan Point, Ohio. 3-4

"AMERICAN BEAUTY" ANCONAS, leading strain. First Toledo, Cleveland, Cincinnati. Stock, eggs, chicks. Stamp for catalogue. Kearns-Preston Poultry Plant, Ripley, O. 4-3

ANCONAS—Anconas, dark, well mottled, single comb. Eggs, 15, \$1.50. A. J. Spittler, Cass City, Mich. 4-3

BEDFORD'S ANCONAS—Both combs. Greatest of layers. Get some eggs from my St. Louis, Cleveland and New York first prize winners. H. M. Bedford, Strongsville, Ohio. 4-3

EGGS FROM HIGH SCORING BIRDS. Single Comb Anconas, fifteen eggs, \$5; and three dollars for fifteen eggs Andalusians the same. L. Lanke, Waukesha, Wis. 4-3

ANCONAS. PRIZE WINNERS Cambridge, Schenectady, North Adams, six special prizes, scoring 92 to 94½, \$2.00 setting. Reply for stamp. Member American Ancona Club. Edw. Allen, North Hoosac, N. Y. 4-3

"ANCONAS"—93 to 95-point 5 to 7-pound hens. Unexcelled in standard and utility. Your satisfaction complete. You get the best. Eggs, \$2. T. B. Rogers, Upper Sandusky, Ohio. 3-3

ANCONA EGGS from prize-winning, high-scoring mating, \$2 per 15. P. E. Gregoire, Newton, Ill. 3-3

MOTTLED ANCONA hens, greatest winter layers. Won first and second Sheboygan Co. Fair. Eggs, \$1.50 per setting. Chas. G. Kalk, Route 9, Sheboygan Falls, Wis. 3-3

HUBBARD'S FAMOUS ANCONAS, best winter layers known. Dark under-color, beautifully mottled, large, vigorous and handsome. Eggs for hatching from prize-winning stock, \$2 per 15. G. H. Hubbard, Lock Haven, Pa. 3-3

ANCONAS—GREATEST WINTER LAYERS. Eggs from large, vigorous, nicely mottled stock, dark under-color, yellow shanks, choice matings, \$2; utility, \$1. Circular. R. H. Simcox, Jersey Shore, Pa. 3-3

ANCONAS—CHOICEST, MOST profitable breed. Silver cup winners. Stock and eggs reasonable. George Blencoe, Alma Center, Wis. 3-3

ANCONA HATCHERY—Won first prizes 22 shows. Chicks or eggs. Circular. C. A. Knight, Ancona Specialist, Olena, Ohio. 3-3

ANCONAS, THE RIGHT kind. Correspondence invited. H. B. Rodgers, Troy, Ohio. 3-3

BOWLING'S IDEAL ANCONAS—Winners of the blue wherever shown. Eggs from pens scoring 91 to 94, \$3; utility, \$1.50 per 15. Chas. Bowling, Basil, Ohio. 2-4

ANCONAS—GREATEST WINTER LAYERS—Stock and eggs for sale. Paris Ancona Farm, C. H. Zaleski, prop., Paris, O. 2-5

BANTAMS.

BUFF COCHIN BANTAM Cockerels with Score Cards by McClave, very cheap if taken at once. Maple Poultry Yards, Wakeman, Ohio. 5-1

BUFF COCHIN BANTAM eggs for hatching, \$1.00 for 13. Wissahickon Farms, North Wales, Pa. 5-1

BUFF COCHINS. Eggs from first prize pen. Kearns-Preston Poultry Plant, Ripley, O. 4-3

PRIZE WINNING BANTAMS. All varieties. Circular. Wilbert's Sunset Bantamry, Madison Square, Grand Rapids, Mich. 4-2

BLACK TAILED JAPANESE Bantams, White Japanese Bantams, and Golden Sebright stock for sale. Prices right. Hez. Kinter, Dillsburg, Pa. 4-3

GOLDEN SEBRIGHT BANTAMS. First prize winners 6 shows. Eggs, \$2 setting. George Johns, Oglesby, Ill. 4-3

GOLDEN SEBRIGHT BANTAMS. Eggs, \$1.50 per 15. Fred, 1718 Nelson St., Chicago, Ill. 4-3

BANTAMS—BLACK REDS, Red Pyles, Rose Comb Blacks. Eggs from prize winning and high scoring birds. None better. S. B. Faxon, Schenectady, N. Y. 4-3

LIGHT BRAHMA BANTAMS. Winners at Toledo, Columbus and Indianapolis. Eggs, \$3 per 15. Stock for sale. John Ryan, 1112 Oak St., Toledo, Ohio. 4-3

EGGS FROM MY PRIZE winning Black Breasted Red Game Bantams. "Parker Strain." Eggs from utility pens, \$2.00; prize winners, \$3.00 per setting of 13. Have some fine young Cocks to sell at from \$2.00 each up. C. L. Cross, Riverside, Ill. 4-3

PARTRIDGE COCHIN BANTAMS — Prize winners. In pen, score 92½, 93, 93½ and 93¾, by Judge Stanfield. Eggs, \$1.50 per 13. Fine stock for sale, \$2, on approval. James W. Adams, Webster City, Ia. 3-3

PRIZE WINNING BLACK-TAILED Japanese Bantams. 15 eggs, \$2. J. W. Baker, Wayne City, Ill. 3-3

BANTAMS—BLACK BREASTED RED Game Bantams, Brown Breasted Red Game Bantams, and Buff Cochins Bantams. Strictly high class. Eggs, \$2 per 15. Dr. Clyde Gray, Quincy, Ind. 3-3

WHITE POLISH BANTAMS—4 firsts, 1 second, Madison Square. Also Golden Sebright, Buff Cochins and Silkies Bantams. Winners at Madison Square and Boston. Stock for sale. Eggs (except Silkies), \$3. Hugh A. Rose, Welland, Canada. 3-3

PRIZE WINNING BLACK-TAILED Japanese Bantams. Eggs, \$2 and \$3 per 15. Mamie Avery, Route 16, Martinsville, Ind. 3-3

GOLDEN SEBRIGHT AND WHITE Cochins Bantams. Stock and eggs for sale. Max Graham, Flushing, Mich. 3-3

AMERICA'S GREATEST BANTAM BREEDERS. Send 2c stamp for circular. Egg orders booked now. Japanese, Sebrights, Cochins, Games, etc. Silver cup winners. Address, Fenn of Delavan, Wis., Box 37. 8-ft

BUFF COCHIN BANTAM eggs from matings containing first pen at Cleveland, Ohio, 1910. Orders booked now, \$2 per setting. E. J. Bellamy, Wakeman, Ohio. 3-3

HIGH CLASS BUFF COCHIN BANTAM eggs, \$1.50 per 15. Union Poultry Farm, Union City, Mich. 3-3

WHITE JAPANESE SILKIES, greatest layers out. Eggs and a few cockerels for sale. G. W. Kinter, Route 1, Dillsburg, Pa. 3-3

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr. 2-4

GAME BANTAMS—Brown, Red, Black Breasted Red, Silver Duckwing; also Buff Cochins Seabrights; Polish and Silkies eggs. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

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TWO DOLLARS, FIFTEEN White Crested Black Polish eggs. Score to 94. Luther Leavitt, Lewistown, Ill. 4-2

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KAKUSKA'S STRAIN OF WHITE CRESTED BLACK Polish, Plain and Bearded White Polish, and Silver Bearded Polish are the recognized leaders of the west and this season's winners of Silver Cups, Cash Specials, 20 First Prizes, and 12 Second Prizes at Chicago, Cleveland, Milwaukee and Blue Island shows. Stock to suit the most particular. Satisfaction guaranteed. Eggs, \$2 and \$3 per setting. Frank Kakuska, State Vice-President American Polish Club, 1629 Homan Ave., Chicago, Ill. 3-4

WHITE CRESTED BLACK POLISH exclusively. Cocks and cockerels for sale. Eggs, \$2.50 per setting. F. Kuechenmeister, 4838 Cullom Ave., Chicago, Ill. 3-3

WHITE CRESTED BLACK POLISH eggs that will hatch, \$4 per 13, from stock winning at largest shows in the country for past 10 years. Geo. W. Trent, Wilmette, Ill. 3-3

BEARDED, GOLDEN-SILVER Buff, Laced and White Crested Black Polish. Eggs for hatching; cockerels. Mating list. Ridge View Farm, Knowlesville, N. Y. 2-4

ANDALUSIANS.

BLUE ANDALUSIAN eggs, \$2 per 15. Satisfaction guaranteed. Circular. E. J. Wyant, Burns, N. Y. 5-2

BLUE ANDALUSIANS. Ten years winning and laying. Eggs, \$2 per 15. Robert Street, Falconer, N. Y. 4-3

BLUE ANDALUSIANS—Exquisitely beautiful. Winners everywhere New York, Jamestown, Baltimore, Washington and Richmond. H. Council, Warrenton, Va. 11-09-7mos.

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UNEQUALED PURE IRISH Black-red pit games, one-third off. Merritt Bros., Poplar Ridge, N. Y. 5-1

EGGS FOR HATCHING from Standard Games and Ornamental Bantams. Write for prices to R. J. Snyder, 1170 Cottage Grove Ave., Grand Rapids, Mich. 5-2

IRISH DARK REDS and Red Pyle Pit Games have never met their equal yet. Stock and eggs for sale. A. J. Tucker, Watseka, Ill. 4-3

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\$1.00 EGGS, IRISH REDS, Heathwoods. Indian, \$2. C. D. Smith, Fort Plain, N. Y. 2-4

SNOW WHITE INDIAN Games. Stock and eggs. J. D. Pate, Sharon, Tenn. 3-4

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CORNISH SALE—Madison Square winners. Must go. Write your wants. Ray S. Wampler, Timberville, Va. 2-4

CORNISH FOWL—Stock from imported Chicago winners. Eggs for hatching. Write for winnings and prices. F. E. Vanderhoof, Decatur, Ill. 3-3

FOR SALE—Cornish Indian Game eggs from prize winners. First pen, \$2 per setting; second pen, \$1 per setting of 13. O. M. Hayes, Shiloh, Va. 3-3

WHITE CORNISH GAME. Eggs from prize winning stock, \$2 per 15. C. D. French, Timberville, Va. 3-3

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HENNESSY'S CORNISH FOWL won 1st pen great Iowa state show, Des Moines. Eggs, \$3 per 15; a few scored cockerels. Circular free. Hennessy Bros., Strawberry Point, Ia. 3-3

DARK CORNISH—Eggs from fine, large, blocky, well laced birds, \$2 per 15; fine 9-lb. stag for sale. C. Leitnaker, Basil, Ohio. 2-4

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BABY CHICKS THAT GROW. R. I. Reds, White Rocks, Buff Orpingtons, White, Buff and Partridge Wyandottes, from best of stock, 15 cents each. Bert L. Allyn, Route 5, Aurora, Ill. 5-2

BABY WYANDOTTES, all colors, high scores, strong chicks, great layers. Arrival guaranteed. Roy Bowers, Sycamore, O. 5-3

S. C. WHITE LEGHORN Baby Chicks. From choice bred-to-lay stock, \$12 per 100; \$10.00 per 100 after May 15. Safe arrival guaranteed. Write for free circular. Harry F. Palmer, Middleport, N. Y. 3-3

BABY CHICKS, FAMOUS SUNFLOWER strain of Barred Plymouth Rocks and Brown Leghorns. Greatest bargain out; \$10.00 per hundred chicks. Order quick. Mrs. W. F. Cristman, Sunflower Hatchery, Scottsville, Kan. 5-3

BABY CHICKS FROM PRIZE WINNERS. White, Buff, Black Orpingtons; White Wyandottes; R. I. Reds; S. C. White Leghorns; Barred Rocks. Write Fairview Hatchery, J. S. Haupt, Easton, Pa. 5-3

BABY CHICKS—We have only one variety, and that is the Barred Plymouth Rock. We can supply you with baby chicks from our prize winners at \$6 per 25, \$10 per 50, \$15 per 100, that will live, grow and win. Order direct from this ad and save time. We guarantee satisfaction. Pittsfield Poultry Farm, 102 Main St., Pittsfield, Maine. 5-2

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-8

BABY CHICKS. Best strains. S. C. W. Leghorns, \$10 per 100; 2 and 4 weeks, \$17 and \$25; reduction on lots. Six weeks' cockerels, 25c. James Porter, Bloomville, N. Y. 4-3

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QUALITY BABY CHICKS, 10c up, from prize winning S. C. White and Brown Leghorns, White and Barred Plymouth Rocks, White Wyandottes. 24 page catalogue free. Peerless Poultry Farm, Kenton, Ohio. 4-3

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BABY CHICKS—From prize winning Buff Plymouth Rocks, \$15 per 100. Mrs. H. F. Burke, Scottsville, Kan. 3-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-4

BABY CHICKS FROM STANDARD S. C. Rhode Island Reds, S. C. Buff Orpingtons, White Wyandottes. Any kind 10 cents each for all you want. Shipped safely 2,000 miles. Prompt shipments. Aurora Hatchery, 232 Fifth St., Aurora, Ill. 3-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns. The hatched-right kind, strong, vigorous chicks that will grow. Incubator eggs a specialty. Free booklet. Address, L. M. Headman, Upper Black Eddy, Pa. 2-10-8 mos.

CHICKS—Single Comb Brown, Buff and White Leghorns, Buff Orpingtons, Reds, Hamburgs and Partridge Wyandottes. Pure stock guaranteed. Circular. Wyngarden Hatchery, Vriesland, Mich. 2-5

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BUCKEYES, first winners Madison Square, Boston, Philadelphia, Elmira, Scranton, Buffalo. Eggs and stock. Lindley Place, Meshoppen, Pa. 5-1

BUCKEYES, THE GREATEST LAYERS ever bred. Mrs. Gertrude Earl, West Quincy, Mass. 3-3

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SILVER GRAY. Two score years breeding have produced remarkable fine birds, hardy, good layers, winning many prizes in largest shows. Birds for sale. Eggs, \$3 per setting, two for \$5. Henry Hales, Ridgewood, N. J. 3-3

SILVER GRAY DORKINGS exclusively for 21 years. Won more first and special prizes at New York and Boston the last thirteen years than all my competitors combined. Late winners, 1910, \$100 champion challenge cup, Dorking Club cup, silver medal, first collection and shape and color specials. Eggs, \$3, 13; \$5, 26. Watson Westfall, Sayre, Pa. 2-4

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WHITE FACED BLACK SPANISH eggs \$1.50 per 15. First prizes at three shows. Robert Sutton, Solon Mills, Ill. 3-3

WHITE FACE BLACK SPANISH eggs, 15 for \$1.50; 30 for \$2.50; 100 for \$5. Good stock. Lonella E. Jaqua, Portland, Ind. 3-3

WHITE FACED BLACK SPANISH. None better bred; from winners at Montreal, Pan-American, Jamestown, Boston and Cleveland. Eggs, \$2 per setting. Satisfaction guaranteed. T. T. Murray, Columbus Ave., Sandusky, Ohio. 3-3

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BUTTERCUP EGGS FOR HATCHING from a carefully selected pen. Circular free. Ray Rickard, Schoharie, N. Y. 4-2

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KLONDIKE! FLUFFS! New breed of all-purpose fowls, good winter layers, feathers useful, splendid table bird, cannot fly. Circular free. Wm. R. Black, Bolivar, Ohio. 3-3

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LONG TAILED JAPANESE Phoenix fowls. Cock's tail, 3 to 4 feet long; saddle feathers, 18 inches. Good layers. Eggs, \$3. Stamp for illustrated circular. S. G. Egger, Lewisville, Ohio. 4-3

RUMPLESS FOWLS.

RUMPLESS FOWLS—old time fowls. Very odd. Great layers. Price reduced to \$1.50 setting during May and June. Empire Poultry Yards, Fort Plain, N. Y. 5-1

TURKEYS.

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 698. 2-1f

MAMMOTH BRONZE TURKEY eggs, \$2 per 12; \$4 per 26. M. H. Murray, Calamine, Wis. 4-2

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 360. 2-1f

MAMMOTH WHITE HOLLANDS. Winners at St. Louis and other great shows. Best of quality, size and vigor. Eggs, \$5 per eleven. J. A. Bickerdike, Millersville, Ill. 3-3

BRONZE TURKEY AND BUFF ROCK eggs for sale. Choice matings. Cecil L. Wheelock, Tampico, Ill. 3-3

JUMBO BRONZE TURKEYS from 50-pounders, 29 ribbons in three shows. Large bone, white edgings, score to 97½, 10 eggs \$3. C. R. Smith, Burnt Prairie, Ill. 3-3

WHITE HOLLAND TURKEYS (Fleck), containing many high scoring prize winners. Eggs, \$3 per 10. W. A. Smith, Burnt Prairie, Ill. 3-3

LARGE WHITE HOLLAND TURKEYS—30-lb. Toms. Eggs, 13, \$2; 50, \$7.50; 100, \$15. Write wants; circular free. J. C. Hodges, Waterloo, Ind. 2-4

DUCKS.

INDIAN RUNNER DUCKS, fine laying strain. Eggs, \$1.25. Mammoth Pekin Ducks, old birds, weighing 22 lbs. Eggs, \$2.00. G. Ryder, Converse, Ind. 5-3

INDIAN RUNNER DUCK eggs, 10c each. Wm. Longmore, Kansasville, Wis. 4-3

INDIAN RUNNER DUCKS. Imported stock. Magnificent exhibition strain. Flock averaged 204 eggs each per year. We are booking egg orders from the best stock in the entire country at only \$2 per 11. Hillcrest Duck Farm, G. W. Maglott, Manager, Belleville, O. 4-3

INDIAN RUNNER DUCKS. Imported stock. True Fawn and White. Eggs, \$2 per fifteen. F. L. Reinhart, Ottumwa, Iowa. 4-3

INDIAN RUNNER DUCKS, finest quality and heavy laying strain. Eggs now \$1.50 per setting of thirteen. Special prices on lots of fifty or more. Mrs. Jonas Pollock, R. D. 9, Goshen, Ind. 3-3

MAMMOTH PEKIN AND INDIAN Runners. First prize stock. Eggs, ducklings. Kearns-Preston Poultry Plant, Ripley, O. 4-3

BUFF ORPINGTON DUCKS. "Cook's." White pin feathered, heavy layers. Tested eggs. Catalogue. K. K. Welday, Seville, Ohio. 4-3

EGGS FROM BIRDS MEETING the new 1910 Revised Standard requirements (which revision I advised), \$3 per 12; \$25 per 100. My original Ginger Fawn Strain Indian Runners are the largest winners in the States and Canada. There's a reason. Carl Byers, Hazelrigg, Ind. 4-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that we won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1yr

FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1yr

INDIAN RUNNER DUCKS exclusively. Finest quality and heavy laying strain. Order eggs now, \$1 per setting 13. Aaron Fisher, La Park, Pa., Box 32. 4-3

DOMESTICATED ¾ WILD Mallard Decoys. Birds or eggs. Reasonable. John Peacock, Jr., Morris, Ill. 3-3

EGGS FROM FINE LARGE White Muscovy Ducks, \$2.00 per setting. A few large young drakes to sell, \$2.00 to \$3.00 each. C. L. Cross, Riverside, Ill. 4-3

ROUEN DUCKS. CHOICE EXHIBITION stock with size and quality. Eggs, \$2 per 12; \$5 per 36. Address Edw. Davidson, Box 18, Carey, O. 12-09-1f

INDIAN RUNNER DUCKS. Standard bred, fawn and white. Ten years of careful breeding has produced a remarkable exhibition and laying strain. Eggs from high scoring pens only \$1.50 for 11. George Barkdoll, West Unity, Ohio. 3-3

PEKIN DUCKS. First prize winners in three shows. Eggs, \$1.25 per 13. W. A. Smith, Burnt Prairie, Ill. 3-3

INDIAN RUNNER DUCKS. BETTER THAN EVER. Pens headed with drakes of Hunt's famous 280-egg strain of England. White eggs. Eggs, \$1.25 per 13. New drakes. Asa O. Pearce, Converse, Ind. 3-3

INDIAN RUNNER DUCK EGGS, from utility stock, \$1 per 13, \$6.50 per 100; fawn and white pen, No. 1, from Cleveland and New York winners, \$3 per 15; pen No. 2, headed by Drake from New York, winner, \$1.50 per 15. Kent Jennings, Mt. Gilead, Ohio, Route 2. 2-4

¾ WILD MALLARD decoy eggs, fair hatch guaranteed. Chas. Jackson, Altafa, Tex. 3-3

INDIAN RUNNER DUCK EGGS, \$1.00 per 13. Fine stock. Lloyd Morgan, Elwood, Ill. 5-2

FOR SALE—Indian Runner Ducks. The Glenwood Orpington Farm, Zionsville, Ind. 5-1

MAMMOTH PEKIN DUCKS. First prize winners. Eggs, 12, \$1.00, from heavy laying, choice, vigorous stock. J. E. Montgomery, Nashport, Ohio. 5-1

INDIAN RUNNER DUCK CULTURE. Finest illustrated duck book published, describes and prices greatest money makers. Tells how to hatch and care for the duck that lays 200 eggs per year. Send 2 cents. Berry's Farm, Clarinda, Iowa. 5-1

INDIAN RUNNER DUCKS, very best blood. Stylish, attractive birds and lay large eggs. Removing my yards and offer for sale limited number breeders. Eggs, \$1.50 for eleven. F. H. Thompson, Emsworth, Pa. 5-1

GEESE.

EMBDEN GEESE. Eggs, 20c apiece; one extra with order of twelve. Martha Montgomery, R. 2, Dexter, Mo. 3-3

WANTED—CANADA AND TOULOUSE geese. Must be good stock and mature. Give description and prices. Dr. Frederick Gwyer, 130 East 35th Street, New York City. 5-1

MAMMOTH TOULOUSE GEESE eggs, 20 cents each. Fred Scholl, Memphis, Ind. 4-2

TURKEYS, DUCKS AND GEESE.

TOULOUSE GEESE, very large; eggs, 25c each. Pekin Ducks (Japanese and Rankin), 11-pound drakes. Eggs, \$1 per 12; 100, \$5. Springbranch Poultry Farm, Bellville, O. 3-3

GEESE—MAMMOTH TOULOUSE and White China. The winning kind. Eggs, 25c each. Ducks—Big Pekin, Rouen, Cayuga, Indian Runner, Colored and White Muscovy, Gray and White Call. Exhibition strain. Eggs, 13c each. B. W. Borein, Wapakoneta, Ohio. 3-3

SEVERAL BREEDS.

PARTRIDGE AND WHITE WYANDOTTES, White Orpingtons. Eggs, \$2 per fifteen. G. G. Douglas, Rantoul, Ill. 5-1

1910 BREEDERS' SALE—Black Orpingtons and R. C. Reds, 6 pens of Blacks of the finest quality great layers, true Orpington shape and no purple producers of show winners. None over 2 years. Three pens Rose Comb Reds, Tuttle, Sibley and Chase birds, very fine. If you want quality, please write me. T. A. Noonan, Wyoming, O. 5-3

EGGS—BUTTERCUPS, \$1.50 per 15; Ancona and Houdan, \$1.00 per 15. Lee Musser, Orrville, Ohio. 5-1

EGGS FOR HATCHING. Reasonable price. Forty-two varieties of poultry. Fancy, hardy, practical. Most successful Poultry Farm. Thousands to choose from. Valuable 100-page book, "Profitable Poultry." Berry's Poultry Farm, Clarinda, Iowa. 5-1

ROSE COMB, BUFF, ROSE, AND SINGLE Comb White Orpingtons, Rose Comb White Minorcas. Eggs reduced. Breeders for sale. B. Wenk, Washington, Ill. 5-3

EXTRA BIG BONED, high scoring poultry. Black Langshan, greenish, glossy black color, black eyes. R. C. R. I. Reds, red to skin, blood red eyes. Eggs, \$1.50 for 15; \$2.75 for 50. Good hatch, good stock guaranteed. Score 92 to 96 points. Osterfoss Poultry Farm, Hedrick, Iowa. 4-3

20 EGGS, \$1. Reds, Rocks, Wyandottes, Leghorns, Minorcas; 30 other varieties. Also Pigeons, Hares, Ferrets, etc. List free. A. L. Bergey, Telford, Pa. 4-3

INDIAN RUNNER DUCK eggs, \$1 for 11. Silver Laced Wyandottes, Tarbox strain, eggs, \$1.25 for 15. Holmes Poultry Plant, Oakwood, Ohio. 4-3

BUFF ROCK AND SINGLE COMB Buff Leghorn cockerels, \$1.25 to \$3. Eggs for hatching, \$1, \$1.50 and \$2 per 15. A. A. Yeates, Bradley, Ill. 4-2

EGGS—M. B. Turkey, 11, \$2.50. Toulouse Geese, 7, \$1. Pekin Duck, White and Golden Wyandotte, Buff Rock, R. C. Black Minorca, 15, \$1. M. C. Ault, Belmont, Ohio. 4-3

REMEMBER—17 PRIZES ON Black Javas great St. Louis show, 94½; Red Single cockerel, females, 92 to 93½; Blue Andalusians; all high scoring stock. Best in America for the price. Eggs only \$1.50, 15. Herbert Hodgson, Albion, Ill. 4-2

EGGS, \$1 TO \$1.50 per 15 from Brahmas, Rocks, Minorcas, Wyandottes, Reds; 20 Leghorns eggs, \$1; geese eggs, 25 cents each. S. G. Bealer, Coopersburg, Pa. 4-3

TRAP NESTED S. C. W. LEGHORNS. Rose Comb Rhode Island Reds, Barred Plymouth Rocks. Eggs, 15, \$1; 50, \$2.50; 100, \$4.50. Wm. Coleman, New London, Ohio. 4-3

EGGS, 15 \$1; 100, \$5. Barred, White Rocks, White Leghorns, Milton Brown, Route 3, Attleboro, Mass. 3-3

CHICKS, DUCKLINGS AND EGGS from fine stock. Safe arrival and hatch guaranteed. Catalogue free. Walnut Hill Hatchery, Macon, Mo. 4-3

EGGS \$1 FOR 15. Baby Chicks 12c. Single Comb White, Rose Comb and Single Comb Black Minorcas. White and Brown Leghorns. Anconas, Houdans, Red Caps, Dorkings, Barred Rocks, and Reds. Louis Waber, New Galilee, Pa. 3-3

INDIAN GAME AND WYANDOTTE SPECIALIST. White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden, Partridge, Buff and Columbian Wyandottes. Catalogue and winnings. H. J. Hunt 3rd, Bethesda, Md. 12-09-1yr

FOR SALE—BUFF COCHINS and Cornish Indian eggs from Casey, Newton, Evansville winners; \$1.50 per 15. Chas. Reber, West Liberty, Ill. 3-3

HOUDANS AND SINGLE COMB BUFF LEGHORNS. Two breeds of the very greatest producers of large white eggs in the world. Stock and blood from the very best breeders in the United States, mated and bred carefully for eggs and all business qualities. My Houdans are Houdans all over. Same implies to my S. C. Buff Leghorns. Leghorn eggs, \$1 per setting. Houdan eggs, \$1.50 per setting. Either kind, \$5 per 100 eggs. Large orders my specialty. Orders booked now. A few choice cockerels and pullets of both breeds for sale. Geo. C. Schwegman, No. 309 South 4th St., Richmond, Ind. 3-3

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WHITE PLYMOUTH ROCKS, Rose Comb White Leghorns, Pekin Ducks. Eggs from high scoring winners at four shows. Send for free circular before placing your order. Jos. H. Kitchen, Eldorado, Wis. 3-3

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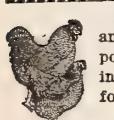
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P. G. SHELLEY
5-1 Box A, Florin, Pennsylvania



PEKIN and INDIAN RUNNER DUCKS. Eggs for hatching, \$1.75 per 11; \$3 per 22. I also have several other leading varieties of poultry, such as Rocks, Leghorns, Anconas, Minorcas, Reds, Wyandottes, Brahmas and Bantams. Stock that is bred to win and lay. Satisfaction guaranteed. Catalogue free. B. H. KOCH, 1-10-1yr Silverdale, Pennsylvania



WESTINGHOUSE VALLEY POULTRY Yards, breeders of Standard bred White Wyandottes, the World's Foremost strain, winners at Pittsburgh and McKeesport. Choice cocks and hens for sale. Eggs \$2 and \$3 per 15. JAMES MOFFAT, JR., Box 121, East Pittsburgh, Pennsylvania 4-10-1yr



AMERICA'S FINEST BARRED AND White Rocks and White Wyandottes bred for utility and beauty by Wm. M. Wayne. My pens are mated for 1910. Eggs, \$1 to \$3 per 15 from the finest birds that ever graced my yards. 15 years a breeder. Give me a trial. I always please. OZARK POULTRY YARDS, Cuba, Mo. 2-10-1yr



THE FANCIERS CLUB, BUTLER, IND. —13 varieties scoring 92 to 96. Rhode Island Reds, Rose and Single combs; Rocks, Partridge and Barred; Wyandottes, Columbian, Partridge, Golden and White; Orpingtons, Black, Buff and White; Hamburgs, Silver Spangled; Leghorns, Brown Rose Comb; Langshans, Black. 2-10-1yr



LIME ROCK, WHITE AND PARTRIDGE Plymouth Rocks and Single Comb White Leghorns. Leghorn eggs, \$4 per 100. Send for mating list describing the pens and giving prices.

EMORY MOYER
2-10-1yr Randall, New York



PURE "RINGLET" BARRED ROCKS from Thompson's best lines. Cockerel and pullet matings of high quality scored and mated by licensed judge. 15 eggs \$1.75; 30, \$3. Single mating, 50 eggs, \$3. Fine cockerels. Circular.

REV. F. GOULD,
5-1 Fancy Prairie, Illinois



SINGLE COMB RHODE ISLAND REDS —Of the finest quality. Good in shape and color. Winners wherever shown. Will sell eggs for balance of season at 1/2 price. A few good breeders cheap. Mating list free.

ROY HEY
3-10-1yr Bushnell, Illinois



BRED FOR LAYING.

35 Best breeds poultry. See my big circular illustrated in colors, before you place that order for stock or eggs. Prices reasonable. It will please you. It's free. 2c. stamp for mailing. John E. Heatwole, Harrisonburg, Va.

Chicks of Quality...

White and Brown Leghorns, Single and Rose Comb Reds, Thoroughbred stock. Heavy laying strains. Reasonable prices. Circular and testimonials free.

VALLEY CITY HATCHERY
5-1 Grand Rapids, Michigan

Mottled Anconas

RHODE ISLAND REDS AND INDIAN Runner Ducks. Have splendid testimonial list from 1909 sales, and my 1910 stock is better than ever. Eggs, 5c each; two settings, \$1. C. A. JOHNSON, Euclid Poultry Farm, Benton Harbor, Mich. 5-1

Sicilian : : Buttercups

Buttercups lay continuously. Our beautiful birds are direct from Sicily. We won firsts at Knoxville, honor prize at Baltimore. Eggs for hatching from these prize winners. Correspondence is a pleasure. 3-1 MRS. J. S. DUMARESQUE, Easton, Maryland

Buff... Rocks

10-09-1yr

TRAP NEST PEDIGREED layers. "No guesswork" winners in strong competition. Eggs from prize matings, \$3 per 15; \$5 per 30. Utility eggs \$1.50 per 15; \$6 per 100. Send for circular. H. A. JACOBS, R. R. 36, Peoria, Illinois

Columbian Wyandottes

EGGS FOR HATCHING from the best Columbians in the West. I have in my breeding pens 19 first and 18 second prize winners at some of the best shows, also many third and fourth prize winners. Eggs, \$2 per 15. Send for mating list. FRANK MILTENBERGER, Box 2, Cortland, Neb. 10-09-1yr

Anconas

DeLINE'S WONDERFUL laying strain of Mottled Anconas. If you want plenty of eggs when they are high, raise Mottled Anconas. My Anconas are blue ribbon winners. Get the best; they are the cheapest. Write for circular and prices. IBA N. DeLINE, Olympia, Wash. 4-2

Ringbar : : Barred Rocks

IN THEIR ORIGINAL purity. Fifty choice hens and pullets \$20 a dozen. Fine cockerels, \$3 and \$5. Fertile eggs from selected matings, 15 for \$1; 100 for \$5. MRS. J. A. WALTER, Hopkins, Michigan 3-3

Columbian Wyandottes

Jefferson, New York

AND COLUMBIAN PLYMOUTH Rocks. Eggs from prize winning matings at \$5 per 15; \$5 per 30. Eggs booked for delivery after April 1. L. H. DAVIS, Port 9-09-1yr

Day-Old Chicks...

FOR SALE. NINE HUNDRED per day. Ten varieties from fine stock. Eggs for hatching from four varieties of fine games. Brooder fixtures. Plan to build, \$1.75. Shipment guaranteed. Booklet free. OLD HONESTY HATCHERY, Dept A, New Washington, Ohio 4-3

SILVER LACED WYANDOTTES.

1909. Choice stock for sale. Circular free. CASCADE POULTRY YARDS, Wm. Neiers, Proprietor, Cascade, Iowa. 11-09-1yr

WHITE : : WYANDOTTES

EXCLUSIVELY. DUSTON Strain. Fine breeders. Chicks. Good, high scoring trios, \$10, \$12, \$15. Pens \$12, \$15, \$18 and up. Eggs, \$1.50 to \$2.50; 50, \$3.50; 100, \$6. Fertility guaranteed. Careful packing. Omaha shipments. J. H. FARIS, Forest Lawn Wyandotte Yards, Florence, Nebraska. 5-1

Buff

S. C. BUFF LEGHORNS. Winners of silver trophy and ten prizes in great Grand Rapids show. Birds have grand size, shape and color, great egg laying strain. Eggs, \$3 to \$5 per 15. Utility, \$6 per 100. Freeport, Michigan. 4-3

Sicilian Buttercups

MRS. R. N. ROSS, 1206 N. 13th St., St. Joseph, Mo. 5-1

S.C. BLACK MINORCAS

EGGS NOW at HALF PRICE \$1.50 per 13 from Wilhite's prize winning S. C. Black Minorcas and Buff Orpingtons. Every bird in my pens are of exhibition quality, scoring from 92 to 95%. BEN W. WILHITE, Route 2, Crawfordsville, Indiana 5-4t

White Orpingtons

KELLERSTRASS STRAIN White Orpington breeders. Some stock and eggs Barred Plymouth Rocks for sale. Eggs \$2.50 for 15. Layers, payers and fancy stock. Write us. Do it now. Write today. 5-10-1yr E. E. GARST & SON, Stanford, Illinois

Chicks

WE SHIP THOUSANDS; different varieties. Leghorns, \$9, Reds, \$12, Blk. Orpingtons, \$16 per hundred. Can also furnish (Byers Strain) Indian Runner Duck eggs at \$4.50 per hundred. Free booklet and testimonials. FREEPORT HATCHERY, Box A, Freeport, Michigan 5-2

LICE

MORE CHICKENS DIE FROM lice than any other cause. Send 10 cents for a box of Dimond's Death to Lice Ointment and save them. Just think, one chicken saved will more than pay for it.

5-1 J. S. DIMOND, Mfr., Franklin, New Hampshire

Buff

ROCKS. Choice breeders in males and females. Also eggs from choice matings, \$3 per 15. Soranton and Auburn winners. Ten years a breeder of the best. Describe your wants. 7-09-1t A. L. FAWCETT, Box 5, New Albany, Pa.

Buff... Rocks

BEING TRAP NESTED. EGGS from my best and highest scoring Winter layers, 15 for \$1.50. Utility stock, 30 for \$2. Pekin and Indian Runner Ducks, excellent layers, 10 eggs \$1.25. All headed by high scoring males. Baby chicks, write MARTIN HENNINGSEN 4-2 Dike, Iowa

Crystal White Orpingtons : :

THE GREATEST EGG PRODUCERS and prize winners known. \$5 for 15 eggs; \$8.50 for 30 eggs. Also large stock of S. C. Rhode Island Reds. Eggs, \$2.50 for 15. Write for circulars. 4-10-1yr MARTIN A. HANSEN, Wells, Minnesota

S.C. Black Minorcas

PRIZE WINNERS AT Minneapolis, Minnesota State Fair at St. Paul, New Hampton and Oelwein. Stock and eggs at reasonable prices. Satisfaction guaranteed. 1-10-1yr A. T. Kieren, New Hampton, Iowa

White and : : Barred Rocks

WHITE ROCKS. TWO entries, two firsts at Detroit show. Home of "Hendryx" 96%, "Ruth" 96%. Prize winning Barred Rocks. Send for matings and winnings. H. & H. Poultry Co., Dowagiac, Michigan. 3-3

Indian Runner Ducks...

OUR OWN BEAUTIFUL fawn and white 240-egg in eight months strain. Money makers for you. Try them. A square deal guaranteed. Write us. Circulars free. Eggs, 13 for \$2. 3-3 H. A. ROLEY & SONS, Basli, Ohio

Baby.. Chicks

OF QUALITY—FROM S. C. W. Orpingtons and R. C. B. Minorcas. From the finest utility and the choicest exhibition matings. Eggs for hatching. Ten years' experience in hatching chicks. COLUMBIA POULTRY YARDS, P. G. Haley, Prop., Tiro, Ohio. 5-1

LICE

AUSTIN'S PYROTONE KILLS lice and mites on chickens and canaries. Safe and sure. Large bottle, express prepaid, \$1. Circular free. Agents wanted. Write today. W. P. AUSTIN, 398 West Water Street, Elmira, New York. 11-09-1yr

EGGS

FOR HATCHING FROM S. C. Brown Leghorns, S. C. Black and White Minorcas, White Wyandottes. Also stock for sale. Write for prices. O. JACKSON 2-10-1yr Box M, Buchtel, Ohio

**WOOD'S WHITE
WYANDOTTES****"USEFUL AND BEAUTIFUL"**

F. H. WOOD, Sta. C, Cortland, N. Y. 12-09-1yr

**Golden
Barred Rocks**

L. E. ALTWEIN, Originator, St. Joseph, Mo. 3-10-1yr

WHITE ORPINGTONS

FIVE GRAND pens. Topnotch quality. Winners strongest competition leading shows. Mating list fully describes each mating. Headed by winners. Eggs shipped safe any distance. F. S. BULLINGTON, Box 328A, Richmond, Va. Sec.-Treas. American White Orpington Club. 5-10-1yr

**W. Wyandottes and
S. C. W. Leghorns**

Farms, G. DeGray, Box 25, Franklin, N. Y. 1-10-1yr

**OVERSTREET'S
"BEST IN THE WEST"
BARRED ROCKS**Bred in Line :: Bred to Win
Mating Circular and Catalogue for the Asking
Frank J. Overstreet, Box 106, Kiowa, Kan.**A Valuable Poultry
Book Free**

I will send to any address absolutely free a valuable book known as "A Treatise on Poultry." Tells how to make a good living from poultry. To anyone sending 40c for a trial Package of Egan's Peerless Poultry Powder, a guaranteed egg producer. Send today, as I only make this offer for a limited time. Write plainly and address all letters to

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan**Let Steinmesch
Tell You How**

Everybody who knows chickens knows Steinmesch. I know how to raise more chickens and better chickens, to get more eggs and better eggs and how to get more money for both. I know how to pick out and breed fowls that pay in poultry and eggs and win in the show room. I ought to. I have been at it for 30 years and own my own complete farm. I fed and looked after 10,008 fowls at the St. Louis World's Fair, the largest poultry show ever held in the world, and I am a Life Member and Member of the Executive Committee of the Am. Poultry Association, President S. W. Branch Am. Poultry Association, Pres. Silver Wyandotte Club of America and the St. Louis Fanciers Association and Member of the Missouri State Poultry Association.

Now I'm Going to Tell What I Know FREE I am going to give others the benefit of what I have learned. I am going to offer plain understandable suggestions to those who want to know how to make the most out of their poultry. This information is not for sale. I'm going to give it to you and show you how to really make money in poultry. I will send the whole story of my success and my methods to you in handsome book form without one penny from you. Just send me your address and say: "Steinmesch, tell me how." Address Henry Steinmesch, President 211 Market St., St. Louis, Mo.



FIRST HEN, CHICAGO, DECEMBER, 1909 : FIRST PULLET, CHICAGO, DECEMBER, 1909

WHITE WYANDOTTES**"Crown Prince Strain."** At Indianapolis, February, 1910, I won first and second pen and four other prizes. Also silver cup for best display. All stock sold. Some grand pens mated for the egg trade. Send for my mating list. It will interest you.

Geo. F. Schmidt - - - Box Z, Martinsville, Indiana

COLUMBIAN WYANDOTTES

True in type and color. On exhibits at three large shows this season, my birds have won ten first prizes, including first hen at Madison Square Garden, in the hottest kind of competition. I shall breed ten matings of high class birds this year, from which I offer eggs for hatching same as I use for myself. Mating list cheerfully mailed for the asking.

Dr. C. J. Andruss, Canandaigua, New York**Hartman Stock Farm Poul. Yards****COLUMBUS, OHIO**

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale.

Day old chicks from our best stock for sale from March 15 to June 1.

GLEN EYER POULTRY YARDS

Barred Rocks are still leading, winning, at the big Rockford, Ill., show, January, 1910, three first regular prizes and two silver cup specials. If you are interested in prize-winning stock, rush a postal card to me for new egg circular. A few good breeding cockerels yet for sale.

O. L. KING, BOX 32, R. D. 9, ROCKFORD, ILLINOIS**Fairview White Rocks**

made a grand show at Louisville, Ky., December, 1909, where they won in keen competition first, second and fourth cocks; first, third and fourth cockerels; first, third and fourth pullets; third and fourth hens and first pen. Silver Cup for best display White Rocks and six out of eight specials. Stock all sold. Send for 1910 mating list.

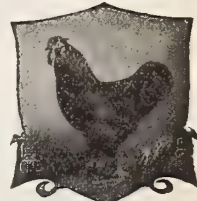
Guy Daily, Jeffersonville, Indiana

: : State Secretary White Plymouth Rock Club : :

S. C. AND R. C. REDS

The brilliant Dark Red kind that win the blue. Cock in cut won 3rd at late Madison Square Garden Show. At Pittsburg, Pa., in hottest Red show of the year I won 6 regular and 6 special prizes in R. C., and 10 regular and 4 specials in S. C., including diploma and 2 silver cups. All winners are in my pens; will sell you these eggs reasonable. Write for mating list.

Oak Nest Farm, Chas. Shields, Owner, Hookstown, Beaver County, Penna.

**S. C. W. ORPINGTONS**Kellerstrass strain. Bred from choicest matings.
Eggs for spring delivery, \$3 and \$5 per fifteen.**Maple Crest Poultry Farm, R. F. D. No. 1, Euclid, Ohio****Buff Rocks**

At the big Missouri State Show held in St. Louis, December 11 to 16, won cash special for best display, State Club cup given for best cock, cockerel, hen and pullet, 2d and 5th cock, 3d, 4th and 5th hens, 2nd pullet, 4th pen. Winners in our largest shows for the past fifteen years. Show birds and breeders for sale. Send for booklet.

E. L. Delventhal Buff Rock Specialist **Box A, Warrenton, Mo.**

White Holland Turkeys

Prize winners weighing to 35 lbs. Grand birds, either for show or breeders. Write me if you want quality.

H. B. Cass : : Buffalo Hart, Illinois

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

W. Orpingtons

Eggs from prize winning stock. Also Chester Whites and Scotch Collies. Mention this paper. : :

Mrs. J. W. Holton - Catasauqua, Pa.

EGGS - EGGS - EGGS

From exhibition, laying and utility strain. Unexcelled for blood lines and laying qualities. From breeding pens, \$5 per fifteen. From sale and utility yards, \$2 for fifteen; \$6 for fifty; \$10 for one hundred. One-half price after May 15. Cockerels and pullets at reasonable prices. Send for mating and price list.

Pangalow Farm, R. 12, Indianapolis, Ind.

S. C. BLACK AND WHITE MINORCAS

...ALSO WHITE ORPINGTONS...

Eggs from Minorcas, either color, \$3, \$2.50 and \$2 per 15. White Orpingtons, \$2 per 15. All prize winners. Write

G. B. Smith & Son, Box 454, North Baltimore, O.

WHITE ROCKS

Best in Ohio. Send for handsome 1910 mating list. Eggs from all yards after May 15, half price. : : : :

S. M. Dickinson, Box C, Granville, Ohio

11% MORE 1st PRIZES Total at NEW YORK

SHOWS (MADISON SQUARE GARDEN) THE PAST 21 YEARS

Has Been Won By

BARRED PLYMOUTH ROCKS

Raised and Bred by Bradley Bros., Lee, Mass., than Any Other Exhibitor has won on ANY Stock. 20 Per Cent More 1st Prizes on Cockerels and 11 Per Cent More 1st Prizes on Males.

- ☛ All of the Silver Cups Competed for have been Won By Us 3 Times out of five.
- ☛ Four 1st, Four 2d and Three 3d Prizes, besides other awards have been Won by Us at a Single Madison Sq. Garden Show.
- ☛ THREE TIMES have Males of Our Breeding Won FOUR OF THE FIVE PRIZES Offered in the Class; INCLUDING FIRSTS.

24 OF OUR "LEE BELLE" LINE

Of Females have been First Winners at New York Shows Alone, First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

☛ First Prize Winnings at Chicago and Kansas City and at the Largest Shows outside of New York which our birds have won for our customers should alone be SUFFICIENT TO DEMONSTRATE THE SUPERIORITY OF OUR STRAIN.

FOR SALE: Breeding and SHOW BIRDS, both old and young, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels or Exhibition Pullets.

TESTIMONIALS

Seven First Prizes—1½ Settings

One year ago last spring I got one setting of pullet mating eggs from you, and later the same year a mixed setting, part cockerel and part pullet mating eggs; out of the first hatch I picked three choice pullets and one cockerel; out of the mixed hatch I picked one fine pullet. I showed the five at our Fair; won 1st and 2d pullet, 1st on cockerel, 1st on breeding pen. At our Ashley Poultry Show with these birds I won 1st on cockerel, 1st, 2d, 3d and 4th on pullets, 1st on breeding pen. At our Ohio State Fair in hot competition with eight of the foremost breeders of the State I won 1st and 2d on pullet and 2d breeding pen, making more prizes than any one breeder got in the Barred Rock class. So you can see what that 1½ setting of pullet mating eggs have done both for utility and show birds. When asked what strain I have I just say "Bradley's."—E. F. Roloson, Delaware, Ohio.

I won 1st pullet at Galesburg, Illinois, January 17-22, 1910. This pullet was from a setting of eggs I got from you last spring. Her score was 93 by Judge Faulkner. You may use this information as you see fit.—S. E. Coddington, Woodhull, Illinois. February 8, 1910.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford. January 26, 1910.

breeders of the State I won 1st and 2d on pullet and 2d breeding pen, making more prizes than any one breeder got in the Barred Rock class. So you can see what that 1½ setting of pullet mating eggs have done both for utility and show birds. When asked what strain I have I just say "Bradley's."—E. F. Roloson, Delaware, Ohio.

Eggs From Best Pens We Ever Owned, \$8 per 13; \$15 Per 26; \$25 per 50. ALL SELECTED PENS; BEST ONLY; NO POOR ONES. FEWER BREEDING BIRDS BUT MORE MERIT. WE INCLUDE EGGS WORTH \$25 per 13.

FREE: Illustrated Printed Matter Telling of Winnings at Kansas City, Chicago, N. Y., etc.

: : Bradley Bros., Box 909, Lee, Mass.

OUR BREEDING PENS FOR SALE AFTER MAY 20TH

Single Comb Rhode Island Reds

Winnings at Detroit, January, 1910: First, second and third pullets; first hen, second cockerel; also first pen on five entries.

J. S. MORES

MUNITH, MICHIGAN

KING'S FAMOUS BARRED ROCKS AND S. C. W. LEGHORNS

Do you want strong healthy chicks? Fine style, large bodies and great layers have been the keynote of my success. The breeding stock has large grassy runs, thereby insuring fertile eggs. My matings for 1910 far surpass those of former years. Many of the birds heading these yards have been the winners of highest awards in strong competition. With my enlarged facilities I can furnish eggs promptly at \$2.50 per 13; \$4.00 per 26. My guarantee is satisfaction and a square deal to all. I solicit your orders. For further information, write for mating list. Address

G. M. King : R. R. 1 : York, Pennsylvania

THE WORLD'S BEST WYANDOTTES



Ira C. Keller

Are found at Brook Side Farm in Golden, Silver, White and Black. Winners of over 300 premiums at Madison Square Garden, New York, alone. They have won thousands of premiums at Chicago, St. Louis, Buffalo, Boston, Philadelphia and all the large shows. We have 2,000 head of the finest birds we ever offered, of the finest exhibition birds or high class breeding birds. They have the size, shape, color, combs, up to date lacing, large clear open centers, that will improve your flocks, or win for you in the warmest company. We have line bred these birds for nearly thirty years. Also Golden Sebrights and Collie dogs. Imported stock. Large circular showing more than fifty of our great winners. Eggs from my finest matings, \$3 and \$5 per setting, and \$2 and \$4 per setting after May 15th.

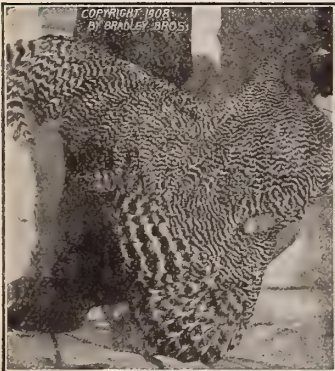
Brook Side Farm

Box 75, Prospect, Ohio

CHAS. F. HOMPSON & Co. LYNNFIELD CENTER, MASS.

RHODE ISLAND REDS : BARRED ROCKS : WHITE WYANDOTTES

Now booking orders for day-old chicks. 200 egg strain. Eggs, \$1, \$2, \$5 per sitting; \$6, \$10, \$20 per 100. Guarantee 90 per cent fertility. Catalogue free. Stamp for Red Standard. : : : :



World's Champion of 1906, Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line. Is descended from the sire of First Chicago Cockerel, 1902; also from the sire of First Chicago Male, 1906. These and other Chicago 1st Prize Winners were bred by us and hatched by customers FROM EGGS WE SOLD.

I believe my stock do you good advertising. At our Kansas State Show just closed my "Rox" in competition with one hundred seventy-five Barred Rocks entered, among which was a pen of Kansas City winners there, mine won 1st Cockerel, 1st Pen, 3d Cock and 1st Special for best colored cockerel, this made them crow quite testily for "Bradley Bros."—Mrs. J. T. Woodford. January 26, 1910.

breeders of the State I won 1st and 2d on pullet and 2d breeding pen, making more prizes than any one breeder got in the Barred Rock class. So you can see what that 1½ setting of pullet mating eggs have done both for utility and show birds. When asked what strain I have I just say "Bradley's."—E. F. Roloson, Delaware, Ohio.

Hatched
In
May

THIS IS THE MONTH
To Hatch the Superior Strain, and for Results
They Will Match the Four Corners of This Ad

Lay
In
October

Superior Laying Qualities

One hundred and fifty hens in one flock averaged one hundred and seventy eggs each for the year 1909. They Will Do It Again.

At Great Chicago Show we won 1st Cockerel; 5th Cock; 4th and 5th Hen; 3d Pen. Scores run from 94½ to 96½. They Will Do It Again.

Superior Exhibition Qualities

S. C. WHITE LEGHORNS

Our Breeding Pens Are The Best We Ever Owned. They are laying well and fertility running high. Big Sale of Breeders starts July 1st—Better Order Early.

SEND TWO RED STAMPS FOR 1910 MATING LIST

HUBER BROTHERS
BOX B : : KENOSHA, WIS.

Win
In
November

Supply
Eggs
All Winter

WINNING WHITE WYANDOTTES LAYING

In cocks, hens, cockerels and pullets I offer choice specimens with deep round breasts, broad backs, well spread tails and snow-white plumage. Birds which will lay eggs and win ribbons for you. All farm raised, healthy, vigorous stock. Write at once telling just what you need. **Harry W. Britton, R. F. D., Moorestown, N. J.**

Golden Wyandottes

Pedigreed 200-Egg Strain—Eggs from my Chicago, St. Louis and Milwaukee 1910 winners now at reduced prices. I will be ready to dispose of some choice breeding stock this month. Write for circular and prices.

J. S. Pennington - Box A - Plainfield, Illinois

Columbians Now is the time to hatch your chicks for next Winter's shows as the best colored birds are hatched in the Summer months. Five of the grandest pens ever mated. Eggs going fast at \$3 per 15, \$5 per 30. Some good birds for sale, including 2d prize cock at Grand Rapids show, Jan. 17-21, 1910 for \$5. **J. G. Van Dyk, Station C, Grand Rapids, Michigan**



The "Signet" Leg Band
Adjustable. Price, 12, 15c; 25, 20c; 50, 35c; 100, 60c; postpaid. Try Little Gem Water Fountain Pen; just the thing for little chicks; 20c each postpaid. **W. J. Bail, Salem, O.**

BABY CHICKS

From Standard Bred Madison Square Garden Winners

225-EGG HENS—12-LB. COCKS
Barred, White and Buff Rocks, Brown, White and Buff Leghorns, White, Columbian, Partridge and Buff Wyandottes, White and Buff Orpingtons, R. C. Rhode Island Reds, Light Brahmas, Black Langshans, Black Minorcas, Anconas and Silver Spangled Hamburgs, all from heavy laying strain. Every chick pure. Safe arrival and satisfaction guaranteed. Capacity 2500 per day. Price 8c up. Catalogue, price 10c.

FIRELESS BROODER

Double wall, galvanized steel outside, wool lined. \$1,000 for the man who will beat it with any brooder made or with hens. Price \$2.50.

Standard Hatchery : : Attica, Ohio



Bob III

BARGAINS! - BARGAINS!

S. C. W. Leghorns

For the rest of the season I will sell Leghorn eggs at half price. Also will sell, to be delivered after June 1st, birds in my breeding pens at bargain prices. Send postal for free mating list, telling of prizes won.
Indian Runner Ducks. Eggs \$2 per 13.

HARMON BRADSHAW - Box A - LEBANON, INDIANA

Read This Ad Carefully

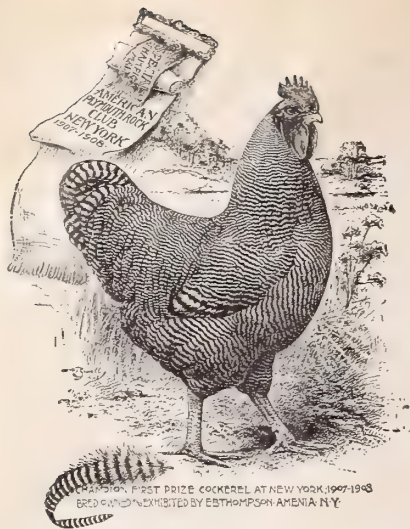
For months past I have been telling you about Lamon's Northern Raised White Plymouth Rocks—"the hardy kind"—about the constitutional vigor of my flock, and I know if you could see and handle my birds and note their large size, chalk white plumage, bright red eyes, deep full breasts, long broad backs with well spread tails, rich yellow legs set well apart, you would make up your mind to place your order with me for White Rock eggs this spring. I know you would see that it means a whole lot to have good strong, healthy birds to breed from, as they are the quick maturing kind. The winter layers and the ones to win the prizes at the best shows. I want to tell you another thing about

LAMON'S WHITE PLYMOUTH ROCKS

Their eggs hatch and the chicks live, as I don't send out eggs until they run high in fertility. I doubled my business last season and I want to double it again this year, and the best way of doing it that I know of is by making satisfied customers. Can't I have your order? Send for my circular and list of testimonials from former patrons.

EGGS from pen headed by my 4th pen ekl. at Boston, 1910, \$10 per 13; all others \$5 per 13, \$9 per 26. These are the finest matings I ever owned. I am the originator of the R. and S. C. Buff Bantams. A limited number of eggs, \$10 per 13.

HARRY M. LAMON - BOX H - ADAMS CENTER, N. Y.



"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square
Garden, New York, Winters of 1908 and 1909

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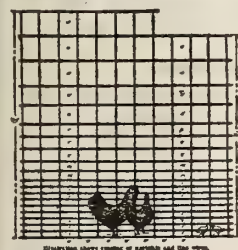
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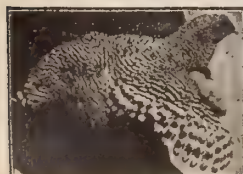
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Brahmas, Barred and White Ply. Rocks, Columbian and White Wyandottes

They are as fine as ever and strictly up-to-date. Brahmas—\$3.50 to \$10 for females; \$5 to \$20 for males. All Others—\$2.50 to \$8 for females; \$4 to \$15 for males. Eggs in season from special picked pens—\$6 for 15 straight; all other, \$4 for 15; \$7 for 30; \$9 for 45, and \$15 for 105 eggs. Address for circular and price list.

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Owen Farms

THIS YEAR'S SHOWING

We do not expect to show at all this year and this means something to you. We shall govern ourselves accordingly and sell stock that we otherwise would not think of selling. Again we are preparing to make early agreements with our customers as to fitting a string for showing at the important shows, as we will not be represented. We will be glad to make our early proposition for guaranteed winners. We have been in the show room every year for six years, this last year showing over 300 birds, and we believe we merit a rest and feel that in the end we can do many things for our customers that we have not yet done. Early correspondence is both solicited and advised.

BARGAINS IN STOCK

Are you looking for bargains in stock? If so, why? Surely so you may get a good value for a small expenditure of money? Have you ever tried to carry over 150 or 200 cockerels for cock birds, from the early summer till late autumn? It is difficult to do it; takes a lot of space and is expensive. We have a large number of females in all varieties to go with the male birds. We shall not issue a bargain sheet as in previous years, but ask our customers to write us definitely just what they wish and we will quote to them exactly what we think they want. We shall make an individual matter of each and every application. Both Mr. Delano and Mr. Owen are going to devote themselves to this purpose for the next two or three months and you will get satisfaction, both in your correspondence and in the birds we offer. Please remember we cannot get anywhere unless you are frank with us and tell us what you want.

BARGAINS IN EGGS

Why are you looking for bargains in eggs? Because you want the best and are limited in the amount of your expenditure. Now, what do you have to give up in getting a bargain? I tell you not quality, not satisfaction in hatching and in fertility, in fact nothing that makes success in following years. All you give up is the time at which you can purchase. You can get breeding birds from eggs hatched in June and July, up to the 10th of August, and in quality you can get a foundation that you cannot get in any other way, and in getting our eggs at half price after June 1st from Plymouth Rocks and Wyandottes, and after June 10th from Buff. Black and White Orpingtons, you will get the best of it in quality and hatching and in the foundation stock for breeding next spring at a low price. This is particularly true of White Orpingtons, which we shall set right through, as the quality is most extraordinary.

BUFF ORPINGTONS

Nearly every one is aware what we have in our Buff Orpington flock, and when we suggest that you get into correspondence with us concerning it you will readily understand that we are looking out for your interest as well as our own. Our trade in this variety has been enormous. It is more popular than ever and we are sure that it is going to continue to advance in popularity and in importance. Our winnings in this and other varieties you can get from our catalogue and mating list, which we will only be too glad to send you if you have not received it. Males and females in this variety at all prices and one-half of our flock which we will be willing to sell any time after the middle of June.

BLACK ORPINGTONS

In this variety of the Orpingtons we have some sterling males and females. A goodly number of cockerels carried over and can spare you such as you are wishing in any quality you may name. That this beautiful, large, typical Orpington is coming more popular every day is true and you can make no mistake in getting a small foundation flock for your use as show birds during the coming winter and as breeding birds the following spring. Our catalogue tells of the origin of our stock and how successful it has been both in England and in this country, and that no one can offer better breeding stock or show birds in this variety is a fact.

WHITE ORPINGTONS

This is where we can meet your wishes after June 15th. We have and will sell some of the grandest Whites that have ever been imported into this country and have only to tell exactly what you want, the quality you wish, and the description we can give you of particular birds will certainly induce your further consideration and final purchase. There is no doubt that today we are better equipped and in shape to give you a grand pen of birds and a good start in the White Orpington than any other breeder.

WHITE WYANDOTTES

What we said above about showing means something particular in White Wyandottes. We have the finest birds to offer that any one could expect to find, and if you tell us what you wish to accomplish in the show room and in breeding, and if you are really looking for something that is particularly good and at a reasonable price, don't fail to get all the information we can give you in regard to White Wyandottes. Our first pen at New York, which you have had a chance to see in the papers recently, our winnings at Boston and New York, which were phenomenal, indicate the quality of birds we have, and we shall be glad to take up special propositions for showing in the autumn or winter, or the consideration of stock which we believe will develop into the winners. We will make you a special price at this time.

BARRED PLYMOUTH ROCKS

For Barred Rock breeders we have something especially good. A large number of females, both in cockerel and pullet matings, that are exactly what you are looking for to strengthen your string for showing and to make grand breeding birds for you for the following year. In male birds we still have a fairly large number and can give you something that will be both pleasing and satisfactory at the price. We urge you to see what we have. Our first pen at New York, which has been in all of the papers, gives you an idea of the shape and quality of birds that we can offer. We also won the first pen in the pullet mating, and in both lines we can probably do more for you, and will, than any one else.

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On account of our enormous egg trade in White Plymouth Rocks we have a very large number of exceptionally fine male birds and females, which at this time we are ready to offer you. As near perfect in type as they grow, as white as any White Rocks in the world, and possessing the quality that in every case wins both for ourselves and our customers. We are positive that you cannot do yourself greater good than to get in touch with us promptly in relation to stock which we have to offer.

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Columbian Wyandottes

Ask for mating list. Eggs at half price after June 1st. A few breeders for sale.

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Eggs \$1 per fifteen, \$5 per 100. Stock for sale. Write your wants.

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Indianapolis and Toledo winners. Eggs balance of season \$2 per setting. Every bird in these matings a fine show bird. Geo. Barkdoll, Box 62, W. Unity, O.

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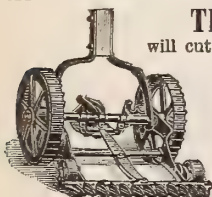
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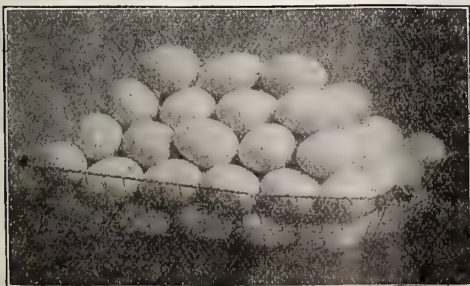
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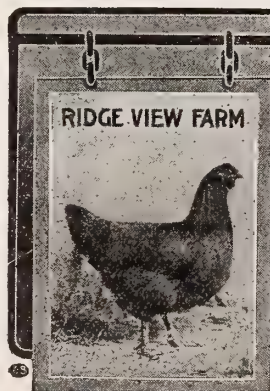
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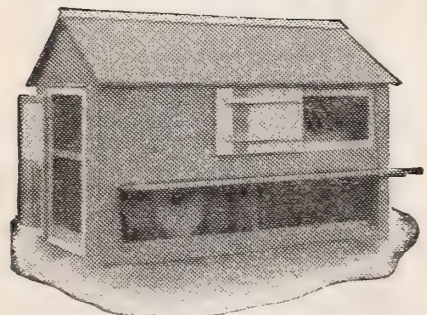
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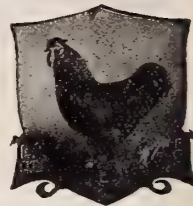
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Something above the ordinary : Royal Strains of poultry are well known

White Holland Turkeys. New York winners, 1910, 3d tom, 1st young tom, 1st and 2d hens. Indian Runner Ducks. Jamestown winners, 3d pen, headed by 1st drake, N. Y. Also won special for best I. R. in the show. S. C. Buff Leghorns. N. Y. silver cup winning strain. N. Y., 1910, won 3d pen, 5th cock, 5th pullet. White and Pearl Guinea Hens. Circular. Write for what you want. Stock and eggs.

ROYAL FARMS - DEPT. X - LITTLE SILVER, NEW JERSEY

Blanchard's White Leghorns

are no experiment, having been carefully selected and bred for over twenty years. No labor or expense has been spared in building up and perfecting this strain, and while the production of large, pure white, fancy market eggs has been the main object, **standard qualities have not been neglected.** They are large, vigorous, active and handsome. Good winter layers and keep at it all summer. Unexcelled as foundation stock or for introducing new blood. Stock for sale. Eggs for hatching from my regular matings at \$2 per 15, \$3.75 per 30, \$5 per 45, \$10 per 100; from exhibition matings, \$5 per 15, \$5 per 30. Illustrated circular free.

WINNERS AT MADISON SQUARE GARDEN, N. Y., 1903-1904-1905-1906-1907

A. M. SHAW - SUCCESSOR TO H. J. BLANCHARD - Box 997, GROTON, N. Y.



Special Sale Clemans' Winning Columbian Ply. Rocks

Winners of all firsts and special cup great Mid-West show at Chicago. To make room I am selling good yearling breeders carefully mated, in breeding pens, at \$3 for males and \$2 for females. Less than half value, and **the chance** to get a start in this **coming Rock.** First come, first served. Eggs, balance season, from best pens Columbian Rocks and Black Wyandottes, \$2 per 15, \$5 per 45.

F. M. Clemans - Mechanicsburg, Ohio

ROSE AND SINGLE COMB R. I. REDS

Winners of over 150 prizes during past 5 years in good hot classes, in such shows as Toledo and Cleveland. At the recent Cleveland show, I won 1 first, 2 seconds and 1 fourth with five entries. My circular gives you all my winnings and many testimonials from pleased customers, and will convince you I have good quality in my Reds. Will treat you right. EGGS from my select matings, only \$5 per 15; half price after June 1st. My this year's breeders, including all my winners, to early buyers at one-half their real value. Write for my free circular and mating list.

B. M. BILLINGS - BOX A - OBERLIN, OHIO



NOW IS THE TIME FOR

The Norwich Automatic Exerciser and Feeder

for growing stock and the fowls on range. Fill the hopper, and stand the machine in the shade. See that they have water and then go, attend your business. The machine will take better care of the stock than you possibly could. Saves nearly 25 per cent of the actual costs of feeding. Is positively rat and bird proof, rust proof and dust proof, and delivers only fresh, clean grain in just such quantities as you desire. Chicks will grow faster, mature quicker, and be stronger and healthier if fed and exercised by

The Norwich Automatic Exerciser and Feeder

while your waste is eliminated and the labor reduced to filling the hoppers when empty. It will cost you nothing to prove our claims. We guarantee them.

Norwich Automatic Feeder Co.

20 Water Street : : : Norwich, Connecticut



SPECIAL SALE

EGGS, CHICKS OR STOCK—BUFF, BLACK AND WHITE

ORPINGTONS

Madison Square, Chicago, Cleveland
and Cincinnati First Prize Winners

Eggs half price. Day-old Chicks at greatly reduced prices. Two-thirds of my breeding stock at less than half prices, to make room for my youngsters. Send for catalogue and Special Sale List and take advantage of this chance, if you are looking for some real bargains.

Will H. Schadt, Box 6, Goshen, Indiana



BUFF WYANDOTTES

Stock and eggs for sale from my famous Grand Rapids winners January, 1910. R. C. and S. O. R. I. Red chicks. Write for mating list. E. A. Knapp, 451 Granville Avenue, Grand Rapids, Michigan.

S. C. BUFF ORPINGTONS

Eggs for hatching now half price, \$1 for 15; \$3 for 50.

H. Brevoort Zabriskie, 18 Elm St., Woburn, Mass.

Woods' S. C. Brown Leghorns

are champions of America. Free circular.

Eggs, \$10, \$5 and \$3 per fifteen.

Tom H. Woods, Route 4, Fayette, Missouri

BARRED PLY. ROCKS

Chicago first prize winners. Buy your eggs from the yards that have produced Blue Ribbons the last 3 years at Chicago and other large shows. Send for circular.

E. G. Simpson :: Naperville, Illinois

EGGS HALF PRICE

Now is your chance. Eggs from pen 1, now \$1 per setting; pen 2, 50c. Come quick. Quality Strain White Wyandottes. J. J. Heverly & Son, Center Point, Ia.

R. and S. C. Black Minorcas

The kind that wins, pays and lays.

W. W. Wilt, 503 Guyahoga St., Kent, Ohio

Hurlbert's White Minorcas

Champions of the great Mid-Show, December 7 to 12, 1909. A few old breeders at reduced prices.

J. J. Hurlbert, R. F. D. 3, Morrison, Illinois

KNISLEY'S

ORPINGTONS

S. C. Buff, Black and White. Lead them all in prize winning strain. Stock for sale. Eggs for hatching, \$2, \$3, \$5 and \$10 per 15. Satisfaction guaranteed.

Pine Rose Poultry Yards, R. J. Knisley, Prop., York, Pa.

Member National Single Comb Buff Orpington Club and Member Pennsylvania Live Stock Breeders Ass'n

Partridge, Buff, Black and White Cochins

Bearded silver, bearded golden, bearded white, buff laced and white crested, black polish. \$2 to \$5 each. Eggs, \$2 to \$5 per 15. Prize winners twenty-eight years.

Dr. H. F. BALLARD : CHENOA, ILLINOIS

SINGLE COMB WHITE LEGHORNS

150 acres devoted to the betterment of this breed. Hatching eggs, \$2 per 15; \$8 per 100; \$70 per 1000.

Wilson Farm :: Morristown, New Jersey

R. C. R. I. REDS

Winning strain. Special prices on eggs after June 1st. Breeding stock for sale after July 1st. Write your wants.

G. J. Boehland, P-33, Rockford, Ill.

Minorcas

Eggs at half price. Cocks and hens for sale. Catalogue free.

R. C. STEWART
ROUTE 2

BIG RAPIDS, MICHIGAN

**Buff, Black and White Orpingtons and S. C. Rhode Island Reds**

Our foundation stock has been selected from America's greatest breeders and importers. We have the best that money and years of labor and scientific mating can produce. Our pens contain Chicago, Madison Square, Indianapolis and many state show winners. Seventeen mated pens. Free mating list.

Valley Poultry Farm

Galesburg, Michigan

**GREYSTONE WHITE ROCKS**

win by a mile at Madison Square Garden. at five shows 1905-1910, won 12 out of 25 first (more than double nearest competitor), 3 out of 5 best displays, 3 out of 5 best cock, hen, cockerel, pullet and pen, 5 out of 8 champions (five times as many as any other exhibitor), 5 out of 8 shape specials. Eggs, \$5, \$10 and \$15 per 15.

Greystone Poultry Farm, F. H. Davey, Mgr., Yonkers, N. Y.

Buff and White Rocks

Winners wherever shown, including Madison Square Garden, St. Louis and Detroit, winning the blues in both varieties wherever shown; also 3 silver cups and 4 specials for shape and color. Have mated some GRAND PENS THAT WILL PRODUCE EXCELLENT SHOW BIRDS. Eggs, \$3.00 and \$5.00 per 15.

CADILAC POULTRY FARM, W. J. H. GOETZ, 1150 CADILAC AVE., DETROIT, MICH.

EGGS : EGGS**LAPHAM'S BUFF ROCKS**

"The Gold Medal Strain"

Have again shown their superiority by winning at Jackson, Michigan, January 4th to 10th, 1910. 1st and 2d cock; 1st and 2d cockerel; 1st, 2d and 3d hen; 1st, 2d and 3d pullet and 1st pen. At Detroit, Michigan, Jan. 14 to 18, '10 in hot competition, 3d and 4th cock; 1st, 3d and 4th hen; 1st, 3d and 4th cockerel; 1st, 3d, 4th and 5th pullet; 1st pen; Hugh Connolly's cup for best display Rocks any variety; also cup for best display Buff Rocks. A few show birds left, fit to win in any competition. Eggs from ten pens best in the world at prices in reach of all. Pens 1 to 6, \$5 per 15; pens 7 to 10; \$3 per 15. Satisfaction guaranteed. Handsome catalogue free.

Dearborn Poultry Yards, S. D. Lapham, Prop., Box A, Dearborn, Mich.

Everybody Was There

At New York 1908-10

That's the kind of competition Duston's birds want. I won first collection for the second time in three years. Winning first cockerel and A. P. A. special for best male. Shape and color specials and first pullet and many others and only lost first pen on account of an accident to the tail of the male. "I was sorry to throw down such a pen, but had to punish him for it," the judge said, and many expert judges have said that year was the best judged class in years, and certainly was one of the hottest classes ever brought together. If I had a million or two and was determined to win New York I would not be satisfied with the 2d or 3d year after year. No, not if it took a thousand dollars each to buy up half a dozen flocks. But the real enjoyment to one is to go down with a bunch of your own and WIN and reader that is the kind of stock you want. If you do and want good care write to me. Send 10c for a catalogue, stating wants in stock and eggs. 16 years a White Wyandotte specialist. The breeder who has made possible the world's best flocks.

Arthur G. Duston, Box 1020, South Framingham, Mass.

40 BREEDING YARDS OF SINGLE COMB BUFF LEGHORNS

The largest Buff breeder in the world. My birds are bred to lay. Ten pullets in 1908 averaged 222½ eggs. Each bird mated in my 40 pens is a show bird and I have over 500 of them that are the pick of over 4,000 raised last year. In 1908 I won most of the ribbons at Hamilton and the great Cincinnati show, and 2 silver cups for best display. In 1909, at Hamilton, 1st cock, 2d and 3d hen, 1st and 2d cockerel, 1st pullet, 1st pen and silver cup for best display. In 1909, Cincinnati, 1st cock, 2d hen, 2d and 3d cockerel, 2d and 4th pullet, 2d pen and special for best colored male in show. The great St. Louis show, 1909, 2d cock, 2d pen, 3d pullet, 5th cockerel. Chicago, 1909, 3d pen; showing at the above three shows at the same time. Dayton, 1910, 1st and 2d hen, 1st and 2d cockerel, 1st and 2d cock, 1st, 2d, 3d and 4th pullet, 1st pen, four club ribbons and silver cup for best display in Mediterranean class. Columbus, 1910, 1st cock, 5th cockerel, 2d pullet, 2d hen, 1st pen. Cleveland, 1910, 3d cock, 5th pullet, 1st pen. Indianapolis, 1910, 2d cockerel, 2d pullet, 4th cock. Toledo, 1910, 1st hen, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st pen. I have over 900 birds for sale and running 17 250-egg incubators and can furnish day-old chicks at \$20 per 100; eggs, \$2 to \$10 per 15, and \$10 per 100. Write me if you want good stock or eggs.

F. S. SMITH, BOX C & D, HAMILTON, OHIO

TAYLOR'S BLUE ANDALUSIANS

Undeclared champions of America. Winners of blue ribbons, silver challenge cups, medals and specials at Pittsburg, Columbus, Mansfield, Ft. Wayne, Toledo, Tiffin. Egg prices cut in half during June; 12 for \$1.50, 50 for \$4, 100 for \$7.50. Express paid to any point in U. S. or Can. Order direct from this ad.

L. C. TAYLOR - - - GIBSONBURG, OHIO

DILLON & BELL WIN

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio**Woodlands Farm**

INCORPORATED

Baby Chicks and Hatching Eggs From Selected Matings in Barred Rocks and S. C. White Leghorns

REDUCED PRICES. Our matings for 1910 contain the very best breeders selected from many thousands of birds raised on our farm. *Every Egg and Every Baby Chick* shipped by us will be from our own matings and from our own farm. We want *Your Patronage* and we want to retain it. Satisfaction assured.

1,000 *Breeding Birds For Sale*. We believe that some of the very best Eggs for Hatching and baby chicks will be sold from our matings this season. No matter how many you need, write us for *Reduced Price* and for Catalogue.

Woodlands Farm, Inc., : R. F. D. : Iona, New Jersey

"AFTON FARM"

Mammoth Imperial Pekin Ducks
Single Comb White Leghorns
Barred Plymouth Rocks
Cornish Indian Games
White Wyandottes

ARE BIRDS OF QUALITY AND PRODUCTIVENESS

Naturally, you want the greatest possible value for your money, therefore get our free booklet before placing your order : Please mention A. P. J.

S. B. & E. W. TWINING : "AFTON FARM" YARDLEY, PENNA.

**CAPONIZING INSTRUMENTS**

Milk Fever Outfits, Dehorers, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04; Chicago, '03. Illustrated cat. free. Haussmann & Dunn Co., 332 S. Clark, Chicago

Bennett's Red Pyle Exhibition Games

won at Madison Square, Pittsburg and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

Henry Bennett : : : Brown, West Virginia

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous farm raised birds and persistent layers. No more stock for sale at present. Egg orders booked now. Free catalogue.

O. E. Michael : R. R. 6 : Dayton, Ohio

**Colored Leg Bands**

for poultry and pigeons, all colors, all sizes, 12 for 25c, 50 for 85c, 100 for \$1.50. Catalog and samples 2c stamp. A. P. SPILLER, Dept. A, Beverly, Massachusetts.

"BETTER THAN EVER STRAIN"

WHITE ROCKS

More prizes at Cincinnati than any other exhibitor. Breeders and eggs at half price. Circular. : : :

H. L. BROWN : OXFORD, O.

A SLAUGHTER

In Nixon's White Wyandottes

For the next 60 days I will sell cocks and hens direct from breeding yards at 40 per cent discount. Many bargains. Write your wants. Eggs half price.

CHAS. NIXON, A. P. A. Judge
Box 202 : Washington, New Jersey

Covert's Highland Barred Rocks

10 pens mated from this great strain containing all my Chicago and Buffalo winners. Reduced prices on stock and eggs after May 15. Write for illustrated catalogue and mating list.

D. M. Covert, Willoughby, O.

ORPINGTONS

BUFF AND WHITE. Eggs for hatching from grand birds, half price during June and July. 50 fine Buff pullets cheap. Cat.

C. A. Keefer, Muskegon, Mich.

**MINEOLA STRAIN
Buff Wyandottes**

After June 1 eggs from all pens reduced to \$3 per 15 as they run including New York winners. : : :

L. D. Howell, Mineola, New York

**White Orpingtons
Light Brahmas**

Have won the blue at Boston, Providence, Worcester and Brockton Fair. Breeders and eggs at reduced prices the rest of season. Send for mating list. : : :

B. E. Darling, Box 15, Natick, Massachusetts

Rose Comb Brown Leghorns

The kind that have a record behind them. Exhibition stock and eggs a specialty. Write for mating list and show record.

H. C. FRANKLIN

TOWNSHEND, VERMONT

BARGAINS IN REDS

After June 1st on this year's breeders. Eggs from as good as the best in the world.

Ira M. Crowther Box A Willoughby, Ohio

MILLVILLE POULTRY FARM

S. C. W. LEGHORNS

are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. We have one of the largest farms in the country and can supply your needs promptly. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

Millville Poultry Farm Co., M. J. Haitz, Mgr., Box 1002, Millville, N. J.

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. My pens include all noted winners and are mated in such a manner as to produce best possible results and prize winners. Eggs, \$4 per fifteen.

C. J. Whitney, :- Galt, Ontario, Canada

MOORE'S S. C. W. LEGHORNS

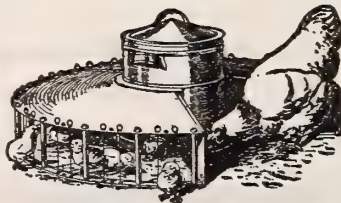
Day-old chicks 10c each. Book orders now. Our exhibition matings are unsurpassed in shape, color, carriage and spread of tail. Eggs for hatching at bargain prices. Do not order elsewhere until you have seen our free mating lists—ready February 1st. Stock for sale.

Moore Bros., Moscow, New York

S. C. R. I. REDS

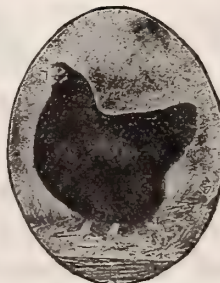
Again victorious at Anderson. It proves my quality. First cockerel; first, third and fourth pullet, first pen, shape special on cockerel, shape special on pullet. Ninety entries in single class. I did not show any old stock. Just a few good cockerels left. Get my 1910 mating list. It is a hummer.

R. A. Slaughter : R. R. 3 : Greentown, Indiana

**Three Machines in One**

AUTOMATIC FEEDER, WATERER AND CHICK PROTECTOR. A combination to feed, water and protect little chicks. Can be changed in one minute to feed and water grown poultry. Anybody can buy this combination. We sell one or more. Special price to agents in quantities.

Macomb Poultry Supply Co., Macomb, Illinois

**Single Comb Buff and Black
ORPINGTONS**

Our birds have won at such shows as Philadelphia, Pa., Cleveland and Willoughby, O. Our shows one of our winning hens. Our birds are "Pure Cook Strain" and are bred close to Standard requirements. Our latest winnings at Willoughby are 1st, 2d, 3d and 4th pullet; 1st hen; 1st cockerel; 1st and 2d pen; silver cup for best display; solid colored birds, all varieties competing. We will sell you eggs from our prize winners. Mating list free, send today. : : :

CAIRNGORM FARM :: NOTTINGHAM, O.

W. C. BOYLE, Owner : : : FRED J. THORPE, Manager

**Model Portable Henery**

Just the thing for the City Man, the Breeder, and for keeping hens on the Colony Plan—a complete hen house. Economy Trap Nests, simplest and most economical on the market. Never will get out of order, and will always work. Made in wood and metal. Model Brood Coops, made of galvanized iron, collapsible, mice and vermin proof. Easily cleaned; by drawing two hooks bottom drops out. Model Setting Coops, made of galvanized iron. Just what you want when the hatching season comes. You can also use it as a brood coop. Write at once. Catalogue free. Please mention you saw ad in American Poultry Journal.

Niemann Bros. Mfg. Co. Box 677 Mt. Olive, Illinois

BUFF WYANDOTES

No alarm clock is going to ring when time strikes the hour of your opportunity to secure our very best bargains. NOW we want to sell our 1910 breeding pens. They consist of birds that won all 1st prizes at Boston, both '09 and '10. Every bird on the farm has a reasonable price.

MATTISON & TOEL

SOUTH SHAFTSBURY, VERMONT
5 EAST 42d ST., NEW YORK CITY

Registered, Banded, Ear
Tagged or Toe Punched,
Certified stock.

**ELM POULTRY YARDS &
STOCK FARMS** Hartford,
Conn.

Established 1888.
Incorporated 1909.
\$10,000.00

Over 20 years spent with poultry, combining beauty and utility, winning sweepstakes, championships, medals, diplomas, cups, etc., etc. If you want strong, rugged, vigorous farm grown stock in pink of health and condition, send us your orders. We have pleased thousands and can please you. Over 5,000 birds on our farms. Cocks, cockerels, pairs, trios or pens (mated for best results) at reasonable prices. Eggs for hatching by the setting or thousand. Varieties: Barred White and Buff Rocks, White, Buff and Columbian Wyandottes, White, Buff, Brown and Black Leghorns, Buff, Black and White Orpingtons, S. C. and R. C. P. L. Reds, Brahmas, Langshans, Cochins, Houdans, Games, Ducks, Geese, Turkeys, Guinea, Pheasants, etc., etc.; also Pigeons, Dogs, Goats, Sheep, Swine, etc., etc. Equipment for poultry plants, kennels, loft and farms. Combination prices at a big saving. Write today for our free bulletin, published quarterly.

REDS

SINGLE COMB. My best pen contains Madison Square Garden and other winners. Eggs, \$5 per 15. Second pen headed by cockerel winning at Philadelphia and Norristown, Pa., mated to select females, \$3; other matings, \$2. My birds have superb shape and color. Breeding cockerels, \$5 and \$10. Baby chicks, \$15, \$25.00 and \$40.00 per 100. Write me. I can please you.

J. H. CROSSLEY, Box 177, MAGNOLIA, NEW JERSEY

STOP==LOOK==LISTEN

After May 15th all our prize matings, both in Buff and White Leghorns will be reduced one-half. Here is the chance for you to obtain youngsters from America's leading strain at rock bottom prices. June hatched Leghorns are the ones which win at New York, Boston and other leading shows. Get in on the ground floor and place your order at once. Day-Old Chicks in both varieties. Our show record at New York and Boston is unsurpassed. Write for our large catalogue and mating list. Address

Monmouth Poultry Farms J. Courtney Punderford, Owner
Egbert Wilson Jr., Sup't **Freneau, Monmouth County, New Jersey**

WHITE PLYMOUTH ROCKS



We are offering this month some rare bargains in select breeding stock.

Four \$2 hens and one \$5 cock, 1909 hatch, all for \$9.

Four \$3 hens and one \$10 cock, 1909 hatch, all for \$15.

Four \$5 hens and one \$15 cock, 1909 hatch, all for \$25.

In other words, we are offering for this month Bickerdike's White Rocks:

A \$5 Bird for \$1 A \$10 Bird for \$3

A \$15 Bird for \$5

We have a surplus of stock and must have room. These are all good breeding birds and will be shipped to any address with our guarantee of satisfaction, or your money back. If you want some good breeding birds at the best bargain prices ever offered to produce good chicks this season, write quick before too late. Eggs half price after May 20. Write for free circulars. :: :: :: :: :: :: :: :: :: ::

First cockerel Illinois State Fair, heading first pen at St. Louis and winner of Spratt's cup for best 1909 hatch male bird in the show, all varieties and breeds competing—5250 birds in the show.

J. A. BICKERDIKE
BOX A :: MILLERSVILLE, ILLINOIS

SILVER DUCKWING LEGHORNS

Bred from Chicago, Cleveland, Detroit winners. Oldest breeder of Duckwings in America. Plenty of show birds with fine striping for sale. Write me.
Sylvester Shirley :: Port Clinton, Ohio

GOLDEN & SILVER WYANDOTTES

Winners at Pittsburg, McKeesport and Beaver Valley. Are now closing out our breeders at very low prices.
Wm. J. Fox, R. D. 17, Cabot, Pennsylvania



Security Sealed Leg Bands. Twelve, 16c; twenty-five, 30c; one hundred, \$1. Write for sample and circular. Stapler's, 429 Ferry St., Pittsburgh, Pa.

White Orpingtons

The winners at Chicago, 1907, 1908 and 1909
PRATT POULTRY PENS, M. P. Pratt, Prop., Evanston, Illinois

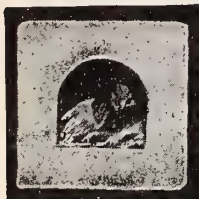
**WALTER PERKINS
AMES, IOWA**

Can supply you with choice Silver Wyandottes, B. Langshans, Single Comb White Leghorns. I have the goods for shows or breeders. State exactly what you want.

**RED RIDING HOOD
YARDS**

S. C. Reds have won over 80 per cent of all firsts competed for, besides many sweepstakes and specials (in 13 shows). Eggs half price after June 1st, and chicks after June 20th. Don't miss this chance. Catalogue free. Member both clubs.

A. R. Lacy, Antwerp, O.

**This Sanitary Cement
Nest for 10 cts.**

They increase the egg production, are indestructible, disease and mite proof. Can be made at home for 10 cts. each. Full directions and working plans, 25 cents. Particulars free.

Clarke Spec. Co., Westboro, Ohio



Pettey's Perfect Pocket Poultry Punch. All steel; nickel plated; punches clean; hole is right size; will not bruise the foot. Price 25 cents. Manufactured by J. O. Pettey, State St., Belvidere, Ill.



BY THE EXPRESSMAN

Buying day-old chicks is the cheapest, surest and safest way to start a flock. Our chicks are hatched by a new system, Mammoth incubator, from eggs laid by healthy hens. Our chicks live, they can't help it. We hatch from ten leading varieties and ship safely any distance. Stock all pure bred and best laying strains. Prices from \$8 to \$20 per 100. We tell you all about them in our catalogue—it's free.

Co-Operative Breeding & Hatching Co.
Tiro Ohio

BARRED PLY. ROCK EGGS

The kind that will produce winners for you, as they do for me, \$3 per setting for balance of season. Order direct from this ad and save money. I guarantee to please.

Jonas Hayner :: Box 411 :: Livingston, New York

Eggs for Hatching FROM WORLD'S BEST :: ::
EXHIBITION BARRED ROCKS

Our Standard Rocks have won more first prizes for our customers with birds we furnished for all large shows—Chicago, St. Louis, Boston, New York and many other large shows. Our matings this season are the best in the U. S. Five grand cockerel matings to produce exhibition cockerels; four grand pullet matings to produce exhibition pullets. We guarantee our eggs will produce first prize winners. Strictly fresh fertile eggs from our best matings, only \$5 per 13; \$9 per 26; \$12 per 39. Write for free circular showing our Chicago winners from life.

Standard Rock Farm :: Truckenbrod Bros. :: Mendota, Illinois

S. C. BUFF ORPINGTONS

Silver cup prize winners. Eggs half price during June. Matting list free. Mention American Poultry Journal.

ROSELAND POULTRY FARM : Chas. W. Switzer, Owner-Mgr. : SOUTH EUCLID, OHIO

SPECIAL SALE

of Halbach's White Plymouth Rock breeders. Biggest winners at Chicago three times. Excellent layers. Now is the time to get your breeders and show birds at the lowest prices. "The poultryman who tries to please."

H. W. Halbach, Box A, Waterford, Wisconsin

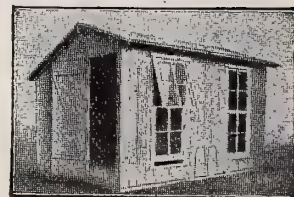
**Single Comb White Leghorns and
Rose Comb Rhode Island Reds**

Our birds are better than ever, and to prove it, look up my winnings at Buffalo on S. C. W. Leghorns: Won 1, 3, 5 cock; 1, 3, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2 pullets; 1 pen; 130 in class. A few settings of eggs to sell. I have 250 chicks out from first S. C. W. Leghorn cockerel, Buffalo, now and more coming, never had such luck. If you are looking for show birds let me know. I am going to sell just four S. C. W. Leghorn cock birds this season and a few hens. I can please you. I know my Reds are better than ever. I have eleven cocks for sale and a few hens. Write your wants and see what I can do for you.

Harlo J. Fiske : Manager Skylands Farm : Sterlington, New York

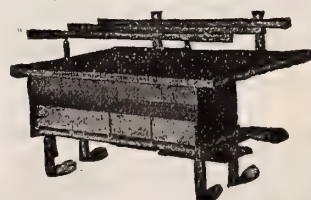
DON'T BUILD

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A \$40 House

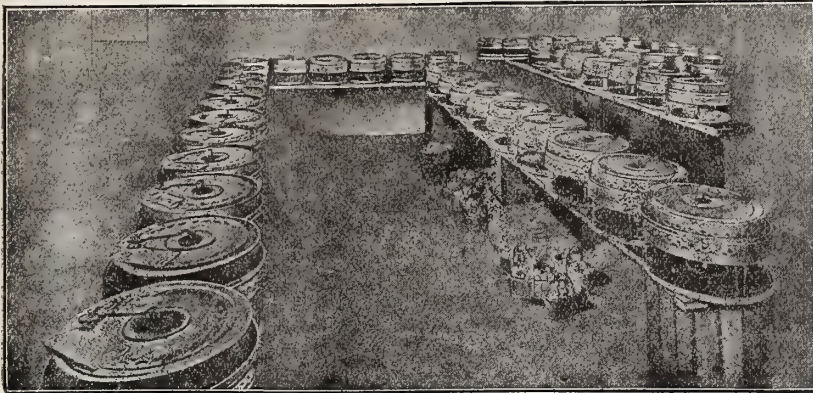
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A Little Poultry and a Living



Is the title of a little booklet we will mail free. It was written by the author of the PHILO SYSTEM BOOK, who makes every one of his hens pay him a profit of \$50 to \$100 each.

Metal Mothers

**Our New Discoveries
Make Poultry Keeping
Easy and Profits Sure**

Valley Falls, N. Y., Nov. 18, '09.

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Sirs:—I have used your incubators, both the Cycle Hatcher and Brooder Hatcher, during two seasons, and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatcher makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders. Very truly yours,

(Rev.) E. B. Templar.

The Cycle Hatcher Co., Elmira, N. Y.

Gentlemen:—No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$900 running our hatchery plant consisting of 56 Cycle Hatchers. We are pleased with the results, and expect to do better the coming year. With best wishes, we are, very truly yours,

(Mrs.) C. P. Goodrich,

Elmira, N. Y.

Our machines were used exclusively in the original Philo System plant, where over \$1,500 FROM 60 HENS IN TEN MONTHS has been cleared from the sale of eggs, baby chicks and fowls raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

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Our 1910 Pattern Metal Mothers

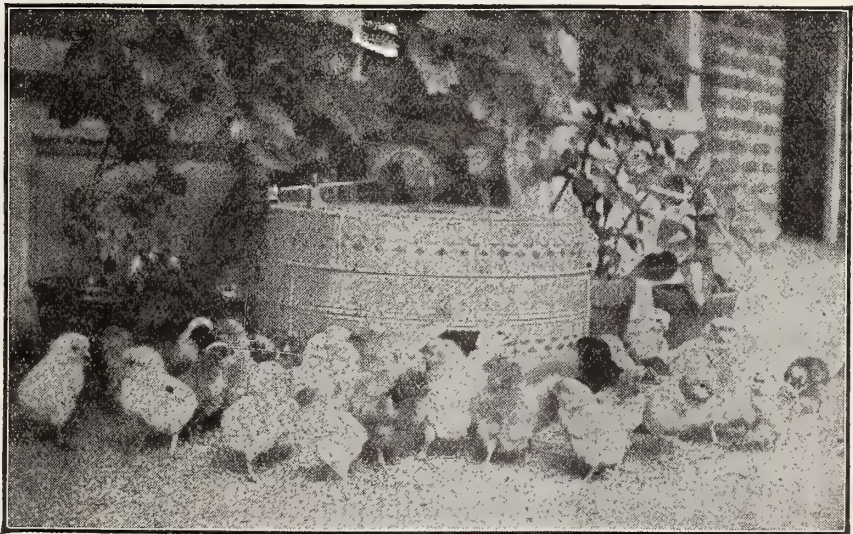
are the perfect results of the latest discoveries in artificial incubation. They will hatch hens, ducks, turkey and goose eggs equally well and at the same time. Regulation of moisture and heat entirely automatic.



Large stock of machines at Oakland, Cal., our western shipping point. Write the Cycle Hatcher at the above address for Pacific coast prices.

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100 PER CENT PROFIT

THE FIRST YEAR

Keeping Poultry by the Philo System



PHILO NATIONAL POULTRY INSTITUTE. 27,000 SQUARE FEET OF FLOOR SPACE

We Guarantee

That any intelligent person can make a profit of 100 per cent on an investment in the poultry business by the Philo system, and our guarantee is backed by

One Hundred Thousand Dollars

worth of real estate in the city of Elmira, consisting of thirty acres of land and the complete plant of the Philo National Poultry Institute. This entire plant and equipment has been completely paid for out of the earnings of the poultry and poultry supply business by the Philo System.

The discoveries made to perfect the Philo System are the results of forty-one years' experience by one person experimenting and investigating the poultry business. We know that still larger profits can be and are being made by following our instructions, or we would not risk a hundred thousand dollars to back our guarantee. Our book, "The Philo System," tells how to do the work from start to finish and gives you the right to use all our inventions and discoveries to get such wonderful returns.

If in doubt about our responsibility and the value of our guarantee, write Mr. D. M. Pratt, President of the Second National Bank, Elmira, New York, or any other reliable party.

Send us \$1.00 and we will send you promptly our complete book and our agreement.

E. R. Philo, Publisher : 629 3d St., Elmira, N. Y.

CONTENTS OF THE PHILO SYSTEM BOOK:

Artificial Heat

Better poultry without it.

Artificial Incubation

About opening incubator during first week.

Avoid too much cooling.

Changing position of eggs.

Cooling the eggs at night.

Cooling the eggs on special days.

Overcoming defective work of first week.

Generation of heat by growing chicks.

Never set eggs in two layers.

Rules for second and third weeks.

Temperature of working room.

The cause of failure.

The instinct of the hen.

To raise temperature quickly.

Use of woollen cloth and hot water.

Watch the damper and regulator.

Best Age for Breeders

Best results from year-old hens.

Hatching in February and March.

Hens from five and ten years old.

Winter hatched pullets quick moulters.

Breeders for Broilers

Breeders for Exhibition

American Standard of Perfection.

Chicks from first eggs after mating.

Keeping careful records.

Use of leg bands.

Breeding in Line

Bad effect of in-breeding.

To insure good qualities of your birds.

Brooders

Disadvantages of wooden brooders.

Brooder coop advantages in getting fertile eggs.

Brooding without artificial heat.

Baby chicks outdoors in zero weather.

Large brooders a mistake.

Metal Mother first week in cold weather.

Number of chicks in fireless brooder.

Use of fireless brooder.

Perfect conditions and better birds.

Care of Breeding Stock

Adaptability of our summer and winter coops.

Hardening fowls to cold weather.

Must be protected from draughts.

Wintering breeders in barn loft.

Coop Construction

Of brooder coop.

Of summer colony coop.

Of winter colony coop.

Of combination economy coop.

Double winter coop.

Fireless brooder.

Feed hopper.

Galvanized iron trough.

Egg Production

Early laying pullets best producers.

Good points of a productive hen.

How to get large egg yields.

Large hens not best.

Laying in cold weather.

The color of eggs.

The hen for market eggs.

Measuring food bad practice.

Sprouted oats.

The rest periods.

Eggs When Prices Are High

Bringing the highest market price.

Hatching in winter.

Out-of-date methods.

Summer and fall chickens.

Natural breeding season.

Fertility

Fertility and feeding.

Fertility after mating.

Fertility after separation.

Results of change in mating.

Sure results after two weeks' mating.

Food

Cooked lean beef.

Cut clover.

Chick's first food.

Feeding the first three weeks.

Feeding from three to eight weeks.

Feeding from eight weeks to maturity.

Full crops at night.

Formula for wet mash.

Food for cold weather.

Green cut bone never given.

Green food at 15 cents a bushel.

Give hens all they will eat.

Hens properly fed.

Never feed grease except for fattening.

Oats spaded in dirt daily.

Straw on floor.

Sprouted oats.

Supply bulky food in the morning.

Water supply and egg supply.

Winter food.

Gapes

Grading

Green Cut Bone and Infertility

Hatching

Get ready before ordering eggs.

Keep in advance of your business.

Hatching with hens.

Active hens the best setters.

Changing eggs in the nest.

Cleaning eggs.

Nests on ground no better than in the barn loft.

Raising the chicks in our brooders.

Saving the chicks by removing the eggs.

The causes of poor results.

Helping the Chicks in Hatch

Chicks properly grown can all be saved.

How to save them.

How to Start

Buy the best eggs obtainable.

Foundation stock hatched in February and March.

Guaranteed fertility.

Starting with two pairs of birds.

Starting where you now live.

How to Use Coops

Large and Small Flocks

Egg production.

Advantages of small flocks.

Leg Weakness

Indigestion the cause.

Remedied by care in feeding.

Seldom occurs when chicks are on the ground.

Lice

Put powder on brooder cloth.

Use of boiling water.

Use of wood ashes for hens.

Location

A combination for an acre lot.

Natural grit.

Sandy and gravelly soil.

Stony and lumpy soil to be avoided.

The new Philo plant and grounds.

Keeping Eggs for Hatching

Evaporation of moisture decreases the vitality of the chick.

Germ killed by high temperature.

Low temperature not disastrous.

Natural position for keeping eggs for hatching.

Not best to turn eggs daily while waiting.

Temperature and evaporation.

Temperature.

Two weeks the limit for keeping eggs to hatch.

Setting eggs the day they are laid.

Moisture

Evaporation while waiting for hatcher.

Excessive moisture produces too large a chick for the shell.

Supplying moisture the last week.

Too little moisture and the results.

Pedigree Breeding

Banding chickens.

Expanding the leg bands.

Mating the birds.

Record difficult to keep.

Sixteen toe marks.

Plans for a Large Plant

600 coops on two acres to accommodate 10,000 chicks.

Poultry Helps the Garden

Mixing the fertilizer with soil.

Value of the fertilizer.

Pullets

Properly matured in space of one and a half square feet.

Winter hatched pullets as breeders.

Results of Philo System

\$1,500 a year from 60 hens.

\$1,500 a year for market eggs from 1,000 pullets.

Average eggs hatched and chicks raised.

Another estimate of profits, chiefly from broilers.

Cost of starting a broiler farm with 60 lampless brooders, coops and incubators.

Setting brooder-hatcher Dec. 10.

Plan of new grounds.

National Philo Poultry Institute.

Selecting Breeders

Advantages of selecting new breed.

As to the superiority of breeds.

Breed a matter of choice.

Making setters of non-setters.

Productiveness between rest periods.

Strain considered above breed.

The good breeding hen.

Width of hen and general make-up.

Selection of Hatching Eggs

Less than 24 ounces or more than 32 ounces per dozen never used.

Shape and color of shell important.

The test by sound.

Weight of 25 ounces per dozen preferred.

Sex Control

Selection of male and female.

To raise 70 to 90 per cent cockerels.

To raise nearly all pullets.

Vitality of male and female.

Testing Eggs

Theories without foundation.

To make a living from poultry.

Not a "get-rich-quick" scheme.

Ordinary good stock.

Prices of eggs and profits per hen.

Strict attention to business daily.

Two-Pound Broilers

In eight weeks.

Raised in space of one square foot.

Tender as squab when closely confined.

The food and care of broilers.

To prevent leg weakness keep on spaded ground.

Use of salt and of milk.

What investment and profit to expect.

Winter Quarters

Adaptability of houses already built.

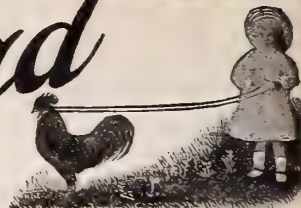
Comfort of the fowl.

Importance of ventilation.

Keep flocks small.

Ground not so important for mature hens as for young and growing chickens.

Value of Sunshine

TECKTONIUS' S.C. & R.C. BUFF LEGHORNS*Always in the Lead***DESCRIPTIVE MATING AND
STOCK PRICE LIST FREE****ILLUSTRATED ART CATALOG****32 PAGES 25 CENTS****Special Low Prices for June 1st Delivery****and thereafter, on SETTINGS OF EGGS--from
the famous prize winning TECKTONIUS . . .****Single and Rose Comb Buff Leghorns**

Orders booked now and filled in rotation after June 1st, as follows: Pens 1, 2 and 12, \$5 per setting; pens 3, 4, 5, 6 and 11, \$3 per setting; two settings \$5; pens 7, 8, 9 and 10, \$2 per setting; three settings \$5; free range stock, \$1.50 per setting; \$6 per hundred. Eggs sold from one pen or assorted, as desired. Don't miss getting your order in at these prices. Also—to make room for young stock—I will dispose of a large number of mature breeding birds—now in their prime for typical and vigorous progeny. Special prices, for a short time—to make quick sales. Write at once—stating your needs. Enclose 25c (coin or stamps) for my beautiful 32-page illustrated catalogue—covering every feature of the poultry business. Money back, if not pleased.

F. A. TECKTONIUS**ROUTE 7****RACINE, WISCONSIN****WHITE ORPINGTON WHITE WYANDOTTE EGGS HALF PRICE**

I am now offering you eggs from my best pens of prize winners at \$5 per 15, former price \$10. It is not too late to hatch chicks. Remember that January winners are hatched in June and will be laying by February. 30 head of my breeders for sale at \$3 to \$10 each. This is your chance; write me today.

F. D. Sutton • 68 St. Louis Avenue • Youngstown, Ohio**Partridge Plymouth Rocks**

Eggs one-half price after June 1st from all pens except 15 and 16. Breeders from my pens for sale very reasonable after the season. Get in on the ground floor now and it will prove a good investment. Send for booklet with full particulars.

S. A. Noftzger**Originator of
Partridge Plymouth Rocks****North Manchester, Ind.****POLEY'S WORLD'S BEST BUFF ROCKS**

Nine firsts out of a possible fifteen at the three last Madison Square Garden, New York, shows, and at the late club national meeting at Madison Square Garden, January, 1910. I won more points than my four highest competitors all combined and that should be proof that I have the goods. Write and get my free catalogue. Eggs at half price after May 15th.

John W. Poley :: Box A :: Royersford, Pennsylvania**Pittsfield's Big Summer Sale****is now on. We offer DAY-OLD CHICKS, HATCHING EGGS, EXHIBITION
AND BREEDING BIRDS at big reductions from our regular prices. Our****BARRED PLYMOUTH ROCKS****are recognized to be THE LEADING EXHIBITION UTILITY STRAIN OF AMERICA. They are adapted
to the farmer, the egg or broiler plant, or to the country estate.**

KEEP IN MIND OUR 1910 BOSTON RECORD—First cock, first exhibition pen, second hen and eight other regular and special prizes. We offer hatching eggs from special exhibition matings, containing all of our Boston and Portland winners for fifty cents on the dollar. For June and July only the price will be \$2 per 13, \$6 per 50, or \$12 per 100. And besides that we guarantee good hatches or replace the eggs free of charge. Special prices for all eggs from one pen also cut in two. Write for a list of special matings and see the values we offer.

DAY-OLD CHICKS AT 20 PER CENT DISCOUNT—For delivery June 17 or later which makes the price \$4.50 per 25, \$8 per 50, or \$12 per 100. This price is for chicks from our finest utility pens and is exceptional value for the quality and considering our successful experience in shipping which means that you will get a good lot of chicks and no disappointments. This means something to you. You should not delay in booking your order. To secure chicks at these prices orders must be booked ahead as we shall set no eggs unless on positive order. We guarantee safe delivery. We have shipped chicks successfully this season to Louisiana, Virginia and Iowa. This shows the vitality of our stock.

BREEDING BIRDS—From our own very best breeding pens will be sold this year as usual at attractive prices. These include both choice specimens from our exhibition matings and the cream of our bred to lay utility pens. Don't fail to accept this opportunity to secure some of the stock that has been the foundation of our success. Prices will be quoted to suit each special requirement. We take special pride in our reputation as successful breeders of a **HEALTHY, VIGOROUS, MONEY-MAKING UTILITY STRAIN**, and we can help you make your poultry culture profitable and pleasant.

We shall make a new departure in connection with the next fall broiler trade. In addition to furnishing highly fertilized hatching eggs in large or small quantities we will take contracts to furnish day-old chicks to those who do not wish to go to the trouble of hatching for themselves. Keep this in mind. Write at once for booking of day-old chicks and for free illustrated catalogue. Address

Pittsfield Poultry Farm Co.**To insure inquiries prompt attention,
use street address****102 Main Street, Pittsfield, Maine**

AMERICAN POULTRY JOURNAL

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Chicago, Ill., June, 1910

No. 6

THE HISTORY OF THE RHODE ISLAND REDS

The Rhode Island Reds are a Breed Made and Finished by Out-Breeding, Not In-Breeding, as Is Usual in the Establishment of a New Breed or Variety—More than Sixty Years Ago the Foundation of This Breed was Laid By Farmers in Rhode Island and Massachusetts, This Being Red Cochin China Fowls Brought by a Sea Captain to a Massachusetts Port.



HE data for this article was contributed to Red Hen Tales, the official organ of the Rhode Island Red Club, by Dr. W. B. Aldrich, Fall River, Mass. Dr. Aldrich says:

"I am not one of those who is willing to say, 'Never mind the origin of the 'Reds,' or any other worthy variety of fowl.' I have been breeding poultry for twenty odd years, and I am always interested in the origin of every breed. Go back into history with me sixty years, and we find that, at that time, 1846-1850, different Asiatic breeds were introduced into this country, especially in neighborhoods that were near the coast. One variety, the Shanghai fowl (yellow and

white), was introduced just after the Cochin China, and the two breeds for a time became confused, and 'many farmers and poulterers declare, spite of feathers or no feathers (on their legs), that their fowls are Cochin Chinas or Shanghais, just as they please.' At this time Bennett, in his poultry book, says: 'There are but few, if any, bona fide Shanghai fowls now for sale.' These Shanghai fowls (simon pure) were heavily feathered on the legs. Not so with the Cochin China. At this time the Cochin Chinas were bred extensively in southeastern Massachusetts and Rhode Island. Dr. Alfred Baylies, of Taunton, Mass., imported in July, 1846, specimens of the yellow Cochin Chinas. 'The cockerels were generally red.' These were not specimens of what were called the Royal Cochin Chinas, as bred by the Queen of England, but direct importations. 'The Royal Cochin Chinas were one-third larger.' The Shanghais were heavily feathered in the legs; these imported Cochin Chinas lightly feathered, if at all. The ship Huntress, in May, 1847, direct from Cochin China, brought a pair of this variety of fowl, and Mr. Taylor, in speaking of them, says, 'The imported cock was a peculiar red and yellow Dominique, and the hen a bay or reddish brown'; that the young stock varied 'only in shade of color.' Bennett says, 'The legs of both sexes are of reddish yellow, sometimes, especially in the cocks, decidedly red—more so than in any other variety.' How many times I have called attention to the red pigment in a R. I. Red cock's legs.

"So much, then, for the Red Cochin China cock of fifty years ago. The sea captains brought home just such specimens to Little Compton, R. I., but a little later came the great Malay fowl, with its knotty knob of a comb—a comb that even today occasionally is to be seen on the R. I. Reds. The Jersey Blues—Bucks County and Boobies—were inferior varieties of Malays. The great Malays came from the peninsula of that name, at the southern point of the continent of Asia. They were spoken of as 'serpent headed.' Their color was dark brown or reddish, streaked with yellow; some varie-

ties of Malays run more reddish than others. In Little Compton was introduced what was known as the Red Malay. The Red Cochin China and the Red Malay cocks were selected, and crossed with flocks of fowls in Little Compton forty and fifty years ago, the same as today. Later, before the Wyandotte fever, the R. C. Brown Leghorn was introduced into many flocks of fowls in the neighborhood. Even at the time of the introduction of the R. C. Brown Leghorns the red fowls were spoken of as R. C. Reds. In a certain section, where the Leghorn blood was not used, today old settlers speak of their fowls as Red Malays. In this section years ago the Reds were all of the single comb variety, whereas ten or twelve miles further south were to be found Rose Combs in abundance."

Dr. Aldrich supplemented the above article with the following:

"If I were to say that the foregoing article told the whole story of R. I. Reds, I would be making a mistake. This breed derives its name Rhode Island Red from the male bird. The utility farmers of that section of Rhode Island known as Little Compton for nearly sixty years have been selecting red males and leaving the females to be what they may. By this means they have carefully outbred this now famous breed. Probably today there is not in the whole world another breed of fowls produced by fifty years of out-breeding. If it were only so, how much more vigor our several breeds would have. The R. I. Reds stand as the only proof of what out-breeding will do. We fanciers do not live years enough to compose a breed deliberately, unless we in-breed, but it was not so with the original R. I. Red breeders; they knew the Red cock was the most vigorous, and almost unconsciously they made a breed.

"The famous Barred Plymouth Rock, called more than once the 'American mongrel,' was not produced by out-breeding, and right here it might be of interest to note that the early Plymouth Rocks produced red males. Listen to Dr. Bennett's own statement: 'I have given this name (Plymouth Rocks) to a very extra breed of fowls, which I produced by crossing a cockerel of Baylies importations of Cochin China with a hen, a cross between the fawn colored Dorking, the Great Malay and the Wild Indian (game). The cocks are usually red or speckled.' By a later cross with the Black Java and in-breeding were produced the modern Barred Rocks.

"In regard to Rose Comb R. I. Reds, I am positive the rose comb variety existed long before the introduction of Leghorn blood. Old settlers assure me their fathers brought home Red cocks with rose combs, and I have been informed that some Cochin Chinas had rose combs. There was also a red variety of Chittagongs, and Mr. Rugg says 'sometimes there is a rose comb.' I know my grandmother and others had Chittagongs in this neighborhood fifty years ago; possibly, the rose comb on our reds may date back to Red R. C. Chittagongs.

"In reviewing this subject, one thing has struck me very forcibly, and that is, that Red cocks were numerous in 1850; just think of the different breeds that produce them. At the first Boston Poultry Show, held at the Public Gardens on November 16, 1849, Red Shanghais and Cochin Chinas, 'the cockerels were generally red,' were exhibited, as well as Plymouth Rocks, which, as I said before, produced red males. At this time we also find Red Malays and Red Chittagongs. The Shakebag fowl were imported to this country by Mr. J. L. Tucker, of the Tremont House, Boston. Mr. Mowbray thus writes of one in his possession: 'The only one I ever possessed was a red one, in 1784, weighing about ten pounds';

and Dickson says, 'the plumage of the male is brilliant in the extreme, being a bright red—the hens are of a bright yellow.' I do not need to quote more to convince you that red cocks are nothing new, even though the world did lose sight of them, except isolated Little Compton, R. I. It was the ghost of Hamlet's father who, suddenly hearing the crowing of the cock, announces abruptly that he 'snuffs the morning air,' and then vanishes to his dreary home. Probably this very crower was a red cock.

The red rooster of fifty years ago vanished to a small country village, but now has been returned to the large world. Little Compton, R. I., and Westford, Mass., are adjoining towns, lying to the southward of Fall River, Mass. One small vessel from 1827 to 1850 made about twenty-five trips annually between Westford and Providence, R. I., averaging 400 dozen of eggs. The total was 3,450,000, and the value of them \$35,000. This gives some idea of the value of the ancestors of the Reds in 1850. Finally a few of us discovered the Reds and realized they possessed superior qualities, both as producers of meat and eggs.

"Today our fondest hopes are realized, inasmuch as the Rhode Island Red is now raised in every country on the

love and Vernon L. Stafford, of Fall River, Mass.; Daniel P. Shove, of Somerset; William P. Shepard, of South Swansea; Fred W. Cochrane, of East Somerville, and Mr. Proctor, representing the Poultry Monthly. At this meeting the original officers were reelected and a third vice-president was chosen in the person of Rowland G. Buffinton. The standard adopted at this time proved to be an excellent working guide to breeders till the Boston meeting of 1901 when a more formal description and a more detailed statement of the points of excellence of the breed were decided upon. In the meantime, the membership had grown to upwards of fifty. Included in the list were breeders from about a dozen states. The election of officers at this meeting resulted in the choice of Hon. Charles M. Bryant, of Quincy, Mass., as president; William P. Shepard, South Swansea, R. V. Browning, of Nantick, R. I., and E. A. Robbins, of Nashua, N. H., as vice-presidents; John Crowther, secretary-treasurer; with an executive committee comprising, beside Messrs. Bryant, Shepard and Crowther, ex-officio, Vernon L. Stafford, Fall River; D. P. Shove, Somerset; Dr. J. Fred Watson, Nashua, N. H., and P. R. Park, Methuen, Mass. Honorary vice-presidents were designated as follows: Maine, I. F. Clark; New Hampshire, Luther Robbins; Vermont, Sanford Daniels; Massachusetts, C. A. Sanborn; Rhode Island, Samuel Cushman; Connecticut, R. C. Tuttle; New York, Charles Smith; Illinois, E. L. C. Morse; Missouri, R. F. Smith; Canada, W. R. Walters. It was decided to copyright the Club Standard, at that time the club membership numbered 102; today the membership is over 1,200.

No breed or variety of fowls which have petitioned for recognition by the American Poultry Association have met with the opposition which was directed against the Rhode Island Reds. At first they were ridiculed by a very large number of breeders. When they were first exhibited they were decried loudly and most vigorously by a great many fanciers. They were but mongrels, picked up here and there from the farm yards of Massachusetts and Rhode Island, said their denouncers. They were of no beauty and no use, and it was ridiculous for their promoters to presume to offer them for admission to the Standard as a distinct breed. There was no established blood in their veins. All this and more said these self-appointed guardians of the Standard. The editor of a leading poultry journal, whose columns now teem with Rhode Island Red advertisements, referring to an exhibit of these fowls at the New York show, and described them as a "motley lot, of all colors," and advised their friends to speedily withdraw them from an offended public gaze.

Today the Rhode Island Red Club is the largest specialty club in America, numbering among its membership prominent breeders in every state in the Union and some in foreign countries. The Rhode Island Red today is extensively bred, is everywhere recognized as one of the most useful and beautiful of standard-bred fowls. Upon many thousands of farms throughout the land the Reds are making money for their owners, while as a fancier's fowl they are second to none.

And why, we may well ask, has this once denounced, ridiculed and much-abused fowl become one of America's most popular and prominent breeds? This thing of the Rhode Island Reds coming into its own is another illustration of the truth of the saying that "truth crushed to earth will rise again." The Rhode Island Red would not have reached the high place they hold today, would still be in the humble place we found it a few years ago, had it not possessed superior utility qualities, which made friends for it while the color was being perfected.

Then when they began to breed reasonably true to color, when birds were exhibited in the showroom that showed a uniformity of type and the lustrous rich red color. Then they made friends fast and the "Red Boom" was on and nothing could stop it. Then more and more fanciers took them up and put their skill and brains into perfecting them until today we find them breeding as true to Standard requirements as any other parti-colored breed of fowls. The Single-Comb Reds were admitted to the Standard in 1904. In 1905 the Rose-Comb Reds were admitted as American Reds, which action was rescinded at the meeting in 1906 and they were then admitted to the Standard as Rose-Comb Reds.

Breed Characteristics.

Standard weights, both varieties—Cock, 8½ pounds; cockerel, 7½ pounds; hen, 6½ pounds; pullet, 5 pounds. The Rhode Island Red has a distinctive and individual type. The back is quite long, carried nearly horizontal. Keel bone long, breast full. This gives the body an oblong, box-like appearance. The color of the male should be a rich, brilliant red, except where black is desired. Free from shafting or mealy appearance. White appearing on the surface is a



First prize R. C. R. I. Red cockerel, Pittsburg, 1908; first cock Pittsburg, 1909; also shape and color special. Bred and owned by Craig & Mapes, Mt. Lebanon, Pa.

globe. Their great utility value is generally conceded, and today they stand second to none."

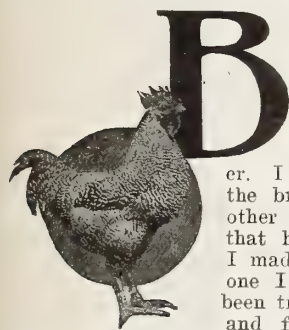
The Origin of the Red Club.

A few breeders of Rhode Island Red fowl held a meeting in the Coffee Tavern, Fall River, Mass., in February, 1898, and, after discussing the feasibility of organizing a Rhode Island Red club and deciding in the affirmative, elected officers as follows: President, Daniel P. Shove; vice-presidents, William P. Shepard and Thomas W. Roe; secretary and treasurer, John Crowther. These officers were voted "power to act" in promoting the interests of the breed.

On the 10th day of the following December, during the Fall River poultry show, a meeting of "all interested Rhode Island Red breeders" was held at the request of the gentlemen named at which a standard for the Reds was formulated. Those who took a leading part in the discussion of this document were Dr. N. B. Aldrich, John Crowther, John W. Free-

very serious defect and should not appear in the undercolor in any sections. It will be found in many otherwise fine specimens at the base of the hackle or base of the tail, and sometimes in the back down toward the sides. Also appears sometimes in the primaries and secondaries. The tail should be a greenish black. The black tail contrasting with the brilliant glossy sheen of the male makes a sight that is bound to be admired by any true fancier. The hackle of the male should be free from any black or any inclination to striping. The color of the female should harmonize with the color of the male's breast and should be free from shafting or mealy appearance. A slight ticking of black on the tip ends of the lower hackle feathers is desirable, the main tail feathers should be black. The female should have the same long, straight back and oblong body as the male.

MATING AND BREEDING RHODE ISLAND REDS



BACK in 1899 Samuel Cushman, then of Pautucket, R. I., began to boom the Rhode Island Reds as the greatest ever. I was attracted to them by an article which he wrote in, I think, the Farm Poultry or Poultry Keeper. I wrote him for further pointers on the breed and when he said, amongst other things, that they were a breed that had an exceptionally long body—I made up my mind that here was the one I had been looking for as I had been trap nesting my White Wyandottes and found that my best layers were those having the longest bodies. As eggs were the principle thing, with a bird that had plenty of meat on it to make a Sunday dinner, I decided to try the Reds, but as there was no standard for them at that time every one I got stock or eggs from had all the different shades of red and buff, so that one did not know where to "get off" on the color line and the shape and size was not uniform, but in 1904 they were admitted to the Standard; then we had something to breed by.

From the first I began to breed for shape and heavy laying qualities. I think I have succeeded in both, as I have some of the best shaped birds one would care to see and as to the utility side, when one can make his birds pay a net profit of

having a nice balance on the other side of the sheet, for there is nothing so discouraging as to have a bunch of fine feathers setting around doing nothing to pay their board.

Each year pick out from your best layers those that come nearest to Standard requirements, but in so doing do not lose sight of the utility. Keep utility in your mind first, for I



RED CLOUD.

First S. C. R. I. Red cockerel at Indiana State Fair, 1909, and Anderson, Ind., 1910. Also shape special. Owned by R. A. Slaughter, Greentown, Ind.

find here is where the most money is made. Keep type in your mind also, for type is what makes the breed. The color will come later as each year you will have some birds that will be a little better in color than the year before, that is if you have been mating properly.

There has been so much said about mating Reds that it seems as though this subject had been pretty well covered. I like to get the male and females as near the Standard qualifications as possible but if you have a male that is strong in that your females are weak and this male has a rather short back, do not let this bother you, as some of the best shaped birds I have come from a mating of this kind. This male was from stock that had good shape though. He was exceptionally strong in wing and tail markings and I wanted to strengthen this in the progeny and he certainly made the improvement. Don't throw out the male that has a little smut in undercolor on back, if he is a good bird otherwise, if you want to improve the undercolor, for I find that this will do it. While we all dislike to see smut, it isn't near so objectionable as a white or nearly white undercolor, and if used in this way it makes an improvement, I find.

In breeding for color do not use males that are several shades darker than the females or vice versa, as this will give you mottled or calico colored birds. Use birds that are evenly matched as possible. Get the hens to match the male's breast as near as possible. I do not think any harm will result if your male's breast is a trifle darker than the general surface color of the females, but I like to have them as near alike as possible.

Try to have your birds in one pen as near alike in regard to size, shape and color as possible. Your birds will show up so much better and when you have visitors you will have something to show them that you will be proud of. Better have a few in one pen that are evenly matched than have them all shapes, sizes and colors. So many breeders put two or three good birds in a pen, probably winners at some show, and fill out with others of several different descriptions.

In introducing new blood I like to do it through the female side. In so doing one is not so liable to undo the work of years of hard work and study. Procure a good female from some breeder you know has stock as near like yours as possible and get this bird strong in that which the male bird of your flock, which you intend to breed with this female, is weak, or any characteristics which are missing in your general flock such as shape or size, and breed this female to your best male. The next year pick out the pullets from this mating and breed



RED BEAUTY.

First S. C. R. I. Red pullet at Anderson, Ind., 1910. Also special for shape. Bred and owned by R. A. Slaughter, Greentown, Ind.

\$4.97 at the prevailing high prices of feed I think this is as well as any of the other breeds will do, Leghorns not excepted.

I think every beginner should look out for the utility side first, then fancy later. Make your birds pay their way besides

them back to their sire. The third year you ought to be able to tell pretty near what to expect from mating the cockerels of this mating to the females of your original flock. If you have the space and the buildings, any small colony house will do just so they will have room enough in which to exercise; you might try one of the best cockerels of the first mating to a few of your original hens. Sometimes I find I can make a fine improvement in a mating of this kind without injury to my original blood lines. Each year I send to some breeder and get eggs. I mark the chicks from these eggs. In doing this I get a better selection for introducing new blood. It isn't always I get what I want, but the chickens pay for their raising and for the eggs when sold on the market and then I have the satisfaction of knowing I have something a little better than the other fellow. Introducing new blood this way you do no violent outcrossing also keep up the vitality of your flock. This is the best way to keep up uniformity also. Often, when I have visitors and point out a certain bird as one that has some good qualification, such as being a good layer or producer, they say, "Why, I don't see how you can tell

ORIGIN AND HISTORY OF RHODE ISLAND REDS

Points on Mating—Standard for Color and Shape—Defects and Dangers—The Origin of the Rhode Island Reds.

Written for American Poultry Journal by Anna M. Lembke, Griswold, Iowa



SEVERAL Asiatic breeds were brought to Rhode Island, in 1846 to 1850 on the ship *Huntress*. These breeds were probably the Shanghai, Red Malay, Cochinchinas, and a variety of Chittagong.

The male bird of the Cochinchinas was of a reddish yellow mixed, while the hen was a reddish brown. The great Malays came from the peninsula, down in the southern part of Asia. In little Compton, R. I., the red Cochinchina cocks and the Red Malay cock-birds were selected to cross with the flocks of fowls forty to fifty years ago, just as they are today.

The old settlers back on the coast at the present day in speaking of their fowls called them the Red Malays.

How I Mate My Reds.

The first thing is to know the breeding of the birds you wish to use as breeders. By this I do not mean that it is necessary to know the pedigree of each bird for eight or ten years back, but if you do so much the better (as I have line-bred my birds for the past ten years).

My experience in breeding the Reds has been to use only birds that come nearest to the standard requirements, as they make the best breeders. Some of the Red breeders argue we must use the double mating, viz., cockerel and pullet matings to produce standard color in both male and female. In my experience I find it unnecessary as it is a fact that like begets like, so it is in mating your fowls. I experiment each year by selecting the best birds in my flock and mating them together to see what they will produce. In the females we look first to shape, next to size and color. A great many times in selecting hens I like best for breeders you would not take a second look at them, in regard to them producing fine colored birds, as they have been through a heavy laying season, and their plumage faded considerable since they were pullets, as the Reds are such great layers the strain on their system takes the life from the color of the feathers; still their constitution has the vigor and strength and will produce excellent stock. On the other hand, if you have a hen that will go through the laying and moulting season and still retain her red color, you are to be congratulated for owning such a bird.

Select your hens with as good a head points as possible. For color and stamina we depend upon the males and the rich red color which is always visible. At the same time we try to have the undercolor as rich a red or salmon color as possible, at the same time have it free from smut or white in any section of the body; but in case I must use a bird in my breeding pens with either of the above defects I prefer the smut to the white, as I consider that one of the most serious defects there is in a Red.

You must breed to dark red males if you wish to produce dark red females, which are always in great demand. If you use males light in color you need not look for anything more than buff females; but avoid extremes in color of males and females—that is, not to use too dark a male with too light colored a female, as it will cause unevenness in the color of your flock. All the good points cannot be accomplished in one year. It is a well known fact that the Rhode Island Reds have been bred for the past 50 or 60 years, and they say they are still in their infancy, but their great strength, strong constitution and laying qualities can be excelled by no other fowl. It is our desire to breed for show qualities and at the same time retain the great egg yield. A great many customers make a sad mistake by purchasing utility stock and expect show birds from same. The same applies to buying cheap eggs; always buy the best if you expect to enter the show room.

Shape Standard.

Of the club is: Cocks, 8½ pounds; cockerels, 7½ pounds; hens, 6½ pounds; pullets, 5 pounds. Shape of male's head, medium size, red eye, both rose and single comb varieties; wattles medium in length; ear lobes well developed; neck medium in length, carried slightly forward; back broad and long; breast and body, broad and long; keel bone long and straight, extending well forward; fluff, moderately full, carried close to the body; wings medium in size; tail of medium length, well



Powhatan II. at six months of age. Was over-weight at that time. Scored 94¼. Heading first pen at Red Riding Hood Yards, Antwerp, Ohio.

one from another. They all look alike to me." This is the way it should be. Have uniformity in size, shape and color in connection with heavy laying qualities; then you will have something to be proud of.

C. M. Agler.

Millbury, Ohio.

"THE LITTLE RED HEN"

She's long on the back and thick on the thigh,

She's black in the tail and red in the eye;

With comb not too high, set firm on the head,

The beak must be horn color, yellow, or red.

Her breast must be broad and deep, too, as well,

With body quite oblong and good length of keel

A neck not too long, of bright cherry red.

Not dark, heavy lacing, slight ticking instead.

Her plumage a rich even red to the skin,

With no traces of black or smut creeping in.

As a layer I vow she's hard to excel,

She's the pride of the cook and butcher as well;

She's the queen of them all, on farm, field or pen,

So, LONG LIFE AND SUCCESS

TO "THE LITTLE RED HEN!"

Marblehead, Mass.

John E. Davis.

"THE BEST IN THE WORLD"
WHITE PLYMOUTH ROCKS AS BRED AND OWNED BY U. R. FISHEL
HOPE, IND. THE MOST VALUABLE PEN OF FOWLS EVER PRODUCED.



spread, carried well back, increasing the length of the bird. A line of red pigment down the sides of the shanks is desirable.

Color.

Surface color of the plumage, rich brilliant red, except where black is desired, free from shafting or brassy effect; black or greenish black tail, red or salmon undercolor; hackle of the male free from black, ticking in hackle of females is desirable, females lighter in color than males.

Defects and Dangers.

My experience in breeding the Reds is that the darker red the better, provided there was no smut in undercolor. I always was prejudiced against using stock for breeders that had white in wing on thigh joints or in neck.

In selecting your breeders use those that have the least contrast in color from comb to tail; look well to shape, as that is 70 per cent of the bird. In some of our largest shows the past season the Wyandotte-shaped Reds won over the true-shaped Reds, which is a disgrace to our noble birds.

America's Greatest Invention.

She is not only known for her great inventions in machinery, etc., but for the greatest fowl on earth, the Rhode Island Reds.

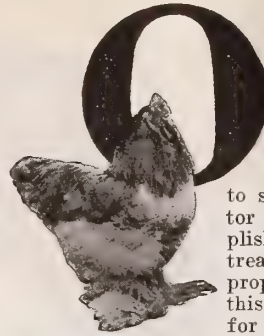


First Single Comb Buff Orpington cock, Pittsburg, 1909; also first Crystal Palace, England, 1908. Owned by Craig & Mapes, Mt. Lebanon, Pa.

They are nearest to perfection for meat and egg producers, farmers' friend, best on the city lot, hardy as an oak, almost free from disease, great foragers, mature early, easy to raise, legs and toes free from feathers, golden, yellow skin, free from black pin feathers, their meat tender and juicy. The Reds demand the first place on Boston market, the most aristocratic market in the United States. The hens make the best of mothers, require no double matings, in laying qualities they are simply egg machines. Their plumage requires no washing, dyeing or bleaching when getting them in shape for the show room. I prefer the rose comb to the single comb, as their comb will not freeze so easily.

For those who are striving for an all-purpose fowl we breeders of the Rhode Island Reds present to the world the greatest utility fowl as yet produced. "Long live the Reds."

HATCHING AND REARING RHODE ISLAND REDS



NE of the prime factors in successful hatching and rearing of chicks is the constitution, vitality and vigor of the parent stock. An acquaintance a short time ago, discussing his son's condition with the family physician, said he wished he might give the boy some treatment

to strengthen his constitution. The doctor smiled and said: "Well, to accomplish that, I should have to commence by treating his great-grandparents." So in properly matching and rearing chicks this season we are laying the foundation for greater success in this line year after

year, until three or five years hence the result will be that nearly every egg produced from this stock, properly incubated, will hatch a strong chick, and practically every chick hatched grow up to maturity. This at least has been my own experience.

In Rhode Island Reds we have a variety to start with that was developed by years of out-breeding, and, generally speaking, in no variety is there to be found greater constitutional vigor.

I hatch all my early chicks with hens. The first hen was set this season January 20. The eggs were saved from the pen I showed in New York immediately after their return from that place. February 10 this hen hatched eleven chicks.

Now comes a partial description of my method of brooding which may seem to some shocking and almost incredible. The coops are made from strong boxes about three feet square and eighteen to twenty-two inches high. These are covered with building paper. Through the center from front to back is placed a slat door which slides in in grooves, the slats being far enough apart to permit the chicks but not the hen to pass through. For the front two doors are made of one-inch wire mesh tacked onto a frame, and these slide in grooves from each side to the center. Two doors are also made of one-half-inch matched sheathing, with a glass in the center, which also slide in the grooves from each side to the center. I have always made these two solid doors, but it is on only very rare occasions that both are in use.

When early chicks are hatched one of these boxes is placed on a snow bank, with about four inches in thickness of horse manure under the box and on top of the snow. Inside the box is thrown a litter of clover hay chaff about half an inch thick, and upon this is sprinkled a generous amount of chick grit. A dish of water is placed in the coop, and it is then ready for the reception of the hen and chicks as they are taken from the nest. A little whole corn is put in for the hen and when the chicks are twenty-four or thirty-six hours old a generous amount of commercial dry chick feed is thrown in the litter. The coops are cleaned and the litter replaced every second day. Commencing the third day the chicks are given all the chopped cabbage they will eat each day, and a small box of sand is placed in the coop. When about ten days old they are given beef scrap.

As already stated, both solid doors are very rarely in use. In midwinter, with the temperature ranging below zero, in the front of the side of the coop in which the hen is confined one of the solid doors with the glass in is usually in place, while in the front of the other half of the coop one of the doors made of wire mesh is used. In case of a blizzard the other solid door is leaned against this wire mesh door, the bottom resting on the snow about four inches from the coop and braced to keep in place. These coops are always placed in an open space, facing the south, where nothing will shade them from the sun.

This is an open air system applied to the rearing of chicks in mid-winter, and the results obtained have been remarkable. During each of the past three years I have hatched two or three broods of chicks in February, and am unable to recall the loss of one chick treated in this way. I have uniformly had better success with chicks hatched in February and March than with those hatched in April and May.

As stated above on February 10 last a hen came off with eleven chicks. She was placed in one of these coops on a snow-bank. During the first weeks we had a cold wave and the mercury registered from 20 to 28 degrees below zero several nights. During two or three of these coldest nights both solid doors were in place in the front of the coop, but an open space of about a half inch was left between them. With this exception, during all the time, one-half the front of the coop was enclosed only with the wire mesh. Not one of these chicks were ever sick or weakly. They now (May 9) weigh about two and one-

half pounds each, and a sturdier more promising lot you never saw.

February 24 two more hens came off, one with seven and one with nine chickens. They were treated in the same way, are now well feathered and nearly as large as the first lot. Every one sturdy and strong.

As soon as a spot of bare ground can be found the coop is removed to this place, a wire run placed in front of it and the chicks let out on the ground. About May 1 they are taken in the country, placed on free range on a farm and remain there until late in the fall, when they are again brought home, placed in roomy, sunny well-ventilated coops, fed a variety of grain in a clover hay litter and are soon in condition for the show room, and the pullets at once commence producing eggs that will hatch chicks that will live under almost any conditions.

This is, of course, only a brief and partial description of my methods, but I have attempted to describe the method used in brooding early hatched chicks. B. H. Arthur.

Gloversville, N. Y.

STANDARD SELECTION OF RHODE ISLAND REDS



MUCH has already been written on the mating of Rhode Island Reds for the production of exhibition birds, and as the breeding season is nearly over I will not stop for that. Now comes the selection of the exhibition young stock, and unless we are very careful many valuable specimens will be discarded. First, to consider the color. I think that of the greatest importance. What is a Rhode Island Red without color? The young chicks that at broiler age show a red ear lobe are

not likely to have a pale lobe as an adult. The beak is more or less guess work at that age, as it is likely to change and there is little danger of its disqualifying anyway, as the Standard allows a "yellow or red horn." To be strong in the hackle as matured pullets the young chicks should show more or less ticking when broiler age. While some of the young cockerels may show ticking in the hackle they usually lose this with their chick feathers. The wings of both pullets and cockerels should show a considerable black at this age. However, I have seen chicks with no black at all in their wings pull in strong black markings with their adult feathers. Next the wing bow. One may form a pretty fair opinion of the



SINGLE COMB R. I. RED.

A typical breeding female on Excelsior Poultry Farm, J. I. Blake & Co., Galesburg, Mich.

general color of chick from the feathers of the wing, bow and back. While they always grow darker in these sections, as they go on to maturity they should, however, show a fair depth of color here as chicks. The undercolor should begin to take its final shade. The best specimens usually have a good under-

color at this age. The breast at this age is more or less guess work; however, nine chances out of ten they will get considerably darker, are almost sure to if the parent stock was properly mated, but a very dark male will sometimes throw a large number of pullets with light chocolate breasts. The tail feathers from the first should be almost black and are not likely



Single Comb R. I. Red hen, winner of first Columbus and Dayton, Ohio. Owned by Frank Reiber, Greenville, Ohio.

to make any great change. The legs should show good yellow. The eye at this age is also more or less guess work.

Now as to shape, I like a chick that shows a good breadth between the eyes; it is almost a sure sign of a strong constitution. The comb if single should have five or nearly five points, not too large, with no disqualifications. If rose it should be small and full, tapering nicely to a small spike in the rear, nicely covered with small points. However, I have always noticed that a chick's comb grows better as it grows older. The shape I like to see in a growing Red chick's body is a very long back with quite a little raise from the tail to the neck. The neck should be carried pretty well forward, so as to bring the base of the beak a little ahead of the breast. Such chicks will hardly ever have high or squirrel tails; as they mature their bodies fill out and the slight dip from neck to tail is nearly lost and produces a fine shape. Strict attention should also be paid to the legs and toes; any specimens having down or feathers on their legs should be discarded, as they only grow worse as they grow older. Crooked toes, etc., are bad defects and usually cut hard in the show room. After applying the Standard to your young stock I think you will find you have produced as great a number of show birds as you would from any other breed under the same conditions. Wishing the "Reds" a grand future.

Phil M. Ferry.

Almond, N. Y.

VALUE OF UNDERCOLOR IN REDS

It has always seemed to me that the Standard places altogether too much value on undercolor in the breeding of any of the favorite breeds, and as a breeder of Reds I feel that in my breed, particularly the Standard, sets a hard enough task in calling for opposites in hackle of male and female, in placing the black in wings and tail of male and female alike, and then calling for a deep rich red undercolor without slate or smut. As a matter of fact Reds never could have been bred to anything near their present standard qualities without smut, and smut will always have to be bred into every flock sooner or later to keep it from running buff, and as another matter of fact all the big breeders do it. What is the value of this undercolor anyway? Whoever sees it except in the show room when the judge is handling a bird? When you have established a type have the head points, outer color, tail and wings

right, or as near right as it will ordinarily breed, then you have bred all the human eye can see. Add to this vigor and stamina to stand the strain of heavy egg production and you have something that is beautiful to the eye and profitable to the pocket. If a judge picks up a bird of beautiful color with a little slate along the back he is cut for the slate. If he hap-



The above pullet was one of the many choice exhibition females showing the "Ideal Type" found in the Red Raven strain, recently purchased of Judge C. W. Zimmer by J. G. Budde & Co.

pens to have light instead of slate in undercolor he is cut just as much, and who but the feather breeder cares which it is if the bird is beautiful to look at from the outside. If the undercolor nonsense was cut out and the value of it added to "vigor and stamina" the 200-egg hen would be much nearer a reality than now.

The bird of type, stamina and vigorous health is worth a man's time to work for; it is in practical lines and means progress in real business sense. Add beauty of color as the fowl appears to the eye in the pen or on the lawn and you add to the pleasure of business, but when it comes to undercolor I protest that the Standard for all breeds, as far as it defines undercolor, is simply silly and nonsensical, and can neither add to the value or detract from the beauty of the bird, and if it can't what is it good for? It simply leads the ordinary breeder to a point where there is nothing to a chicken but "feathers," and I for one do not believe that the poultry industry is going to be uplifted or dignified in the minds of legislators, experiment stations or the good sensible people of the land by insisting on undercolor being of great value in the production of the country's Standard bred poultry.

Now how does it strike some of you other fellows? In my mind if we get some of the nonsense cut out of the Standard we will get more people of sense to go into the business.

Madison, Wis.

Leslie B. Rowley.

Ed. Note.—The next Standard will lay less stress on undercolor in all breeds.

LAYING QUALITIES OF REDS

I believe I take more real pleasure in writing on this particular quality of the Rhode Island Red than on any other subject pertaining to them. Every one who has tried out the Reds agree that they are great layers, and I believe but few really know just why. Read their Standard for shape or type, that surely tells the story.

I have taken a great deal of interest for a number of years in studying photos of the different breeds, some being published for the purpose of showing type that has made a phenomenal egg record, others that have won high honors in the

show room. I believe that a very large percent of the real egg machines show long bodies, particularly the Rocks. The heavy egg producers in nearly every case show long deep bodies, much longer than Standard requirement. This is not so with the Reds. Their Standard for type I believe to be the best of all of the American class. The Standard says their bodies shall be long, deep and horizontal.

This at once differentiates them from any of the other American breeds, and what better description can you ask for a real egg machine?

Here is a Standard you can follow for the show room and at the same time develop the highest laying quality to be attained in the breeding of a fowl. The Red Standard for type is my hobby and I have developed in my strain a perfection in type for laying as well as the show room that is gratifying.

"Lady Aristocrat," whose picture has been published many times, is a fair example. This female has proved to be one of the greatest layers I have ever owned. She is long and deep, but well balanced. She has laid without end and now nearly through her second breeding season has never shown broodiness but once, and that as a pullet after laying all winter and up to June. This type will produce the winter eggs as well as summer ones. A flock of typical Reds can be expected to produce winter eggs with the least care or petting of any breed in the world, and few breeds equal them through the regular or natural season for laying.

Finally I believe that he who is looking for the best year around layers and general utility qualities can rest assured, whether they meet his ideal or not, there is nothing better on earth.

Ira M. Crowther.

Willoughby, O.

THE BEST BREED

The question so often asked is "Which is the best breed?" and in the past the conscientious breeder would answer, "Well, that depends on whether you want to breed for meat or eggs." Now, however, since we have the Rhode Island Red, with its standard weight the same as the Wyandotte and but one pound lighter than the Rocks, and many strains even overrun the



The above bird was one of the many choice Red Raven males recently purchased by J. G. Budde & Co., of C. W. Zimmer, the R. I. Red specialist, who has spent twelve years perfecting the Red Raven strain.

standard weight, and it is a conceded fact that the Reds make the best squab broiler. broilers or roasters, carrying as they do more meat at any stage of their existence. The combination of the game and Cochin crosses give them a delicacy of flesh flavor not exceeded by any breed of poultry today.

With all these good points it is easy to see no breed can excel them at any stage as meat producers, and we must also remember they attain their full maturity at five to six months. On the other hand they are not excelled as layers. The games are good layers and the Leghorn cross in combination with the game, added to which is a heavy coat of feathers secured from the Cochins, which make them less affected by any change in the weather. This and a rugged constitution, secured by years of out-crossing, coupled with their activity, make them persistent all the year round layers. They often lay while moulting, and we have had hens when they were sufficiently broody to be given eggs lay as many as three eggs. They were confined in a 3x3-foot coop, with half-inch screen wire, absolutely tight, so not even a rat could get in and the eggs given her to sit on were marked and we absolutely know these setting hens laid these eggs.

It is nothing unusual to have a Rhode Island Red hen lay while caring for her chicks. We absolutely know that at least the Red Raven strain of Reds are "the best" egg-producers as well as "the best" meat producers and therefore the best breed. Further than this, the Reds do well in any climate. We have excellent reports from our birds in nearly

they all have good size, oblong shape and in color a deep cherry red throughout. I must admit it took me some time to produce the desired color in show birds, but by careful mating I believe I have at last solved the problem. My experience has been that the best show birds are produced by crossing dark, even-colored males with a clean under-color with females having some smoke in the under-color, but not too much; this I have proved by careful mating and punching all of my chicks. Do not, however, breed with a view to color alone, but stick to the oblong shape, as it is the hen with the shape that lays the eggs, and the true oblong type has made the Red famous as a layer and general utility fowl.

Rhode Island Red pullets, if properly grown, should begin laying at four and one-half months. I have heard this said of other breeds, but it has not been my luck to discover them. I am a firm believer in free range for the young birds, as they grow better and mature earlier if allowed to roam at will. As a broiler the Red is unexcelled, and when the faithful old hen arrives at the period for the axe, you can enjoy a most delicious pot-pie. A short time ago I had occasion to kill some two-year-old hens to make room for the young stock, and when dressed for market they averaged seven pounds each in ordinary condition.

If this is not a utility fowl, where will you find one; "I'm from Missouri, and you'll have to show me."

Pawling, N. Y.

J. G. Dutcher.

WHY REDS HAVE GAINED PROMINENCE



WHY all this noise about the Reds?

Why have they gained prominence so rapidly? Why are they "always" bred by the man who once breeds them? Did you ever know of them being dropped for another bird? Have they been "boosted" by rich men, who carry three and four pages of advertising in nearly all the poultry journals? No, they have forged to the front on their merits, strictly as "business" birds. They originated in the hands of farmers and market poultrymen, men who were, and are still,

getting their livelihood from them. Reader, do you suppose those old poultrymen of Rhode Island, who bred them for years before they were ever taken up by fanciers, didn't know a good thing when they saw it? You bet they did and they have not abandoned them yet. Now, suppose you were becoming inoculated with the "chicken bug," what would be the things you would require in the breed you expected to handle? Would you not want eggs during the winter months when they are worth the most money? Would you not want vigorous chicks that grow like weeds, chicks that do not draw up and die if they happen to get wet? If you are a market poultryman and have to sell your hens by weight after they have passed their usefulness as layers would you not want them to have weight and bring you enough to pay for raising pullets to take their place? Would you not prefer a docile bird that is easy to handle? Wouldn't you select the breed that is not so fluffily feathered as to interfere with the fertility of the eggs? Don't you think you would prefer a color that always looks clean even in a bare, muddy yard? Of course you would. Suppose you do not want to use an incubator and brooder, you don't have to, because there is no hen on earth that surpasses a Red hen in filling both these capacities. And how about their beauty? Can you find any combination of colors more pleasing to the eye than Red and Black? Judging from the admiration bestowed upon them in the show room one would think not. Just go to one of our prominent poultry exhibitions and stroll down "Red alley." What do you find but enthusiasm of the highest order? Just listen to the questions asked about them and the earnest replies given by the breeders and you will realize that the old adage ("Where there is so much smoke there must be fire") is more than true. Rose Comb Rhode Island Reds are making more progress today as show birds than any breed in the Standard, considering their existence in the hands of fanciers. I will admit that a few years ago they were of many different shades, but the color has been so rapidly improved that the percentage of culls is no greater than in any other breed, only a little easier recognized by the amateur. So when you decide that you must have a breed combining utility and fancy points, without the one interfering with the other, just cast your lot with "Rose Comb Rhode Island Reds" and you will never regret it.

Front Royal, Va.

M. C. Richardson, Jr.



First Rose Comb Rhode Island Red cockerel at the late Pittsburg show. Bred and owned by Chas. Shields, Pittsburg, Pa.

every state in the Union, also in Canada, where it gets 40 below zero, and in Cuba, where it never gets below 50. No matter where they go the Red Raven Reds are giving the best of satisfaction. As we said in the beginning, knowing all these things there is but one answer to the question, Which is the best breed? Rhode Island Reds.

Budde & Co.
Oak Park, Ill.

AMERICA'S BEST UTILITY FOWL



POULTRY breeding has always been a hobby with me, and during the past twenty-five years I have bred nearly every known variety of fowl with more or less success. Some years ago I bought a pen of S. C. Rhode Island Reds from Robert Seaman, of Jericho, L. I.; these birds did so well and so far exceeded my expectations that I sold out my Leghorns, Barred Rocks and Orpingtons and gave up the entire farm to the Reds.

The following years I purchased several pens from prominent Red breeders and started in to found a strain of my own.

I have now at Maplecroft Farm about 3,000 S. C. Reds;

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to C. A. Sixt, West Park, Ohio, and the second prize to Mrs. W. T. Wilkerson, Mexico, Mo.

LINE BREEDING.

The Harm That May Result from Too Frequent Changing of the Blood Lines.



I NOTICE a great many people have the idea that utility qualities cannot be combined with exhibition qualities. I have been asked a great many times, Are your birds good winter layers? To this I will say they are. In the first place a good show bird must have size and vigor, a nice red comb and must be healthy. Now, in order to produce a bird with the above qualities, it must have the best of feed and care and must be bred from vigorous and healthy stock. Now, I do not think that anything you do to produce a first-class

show bird will injure it in any way as a utility bird. Some will say the damage is done by inbreeding. To this theory I would say no damage will be done unless you go to the extreme, and this is true not only in breeding utility stock but it is true in everything else.

The question that a great many breeders are trying to answer, judging from the many articles that are written on the subject is, How far can we go with line breeding without introducing new blood?

We all know that we can produce a greater per cent of show birds by line breeding than by introducing new blood every two or three years. Some fanciers claim that size and vigor can be maintained for many years without new blood. Some claim three years is the limit. If we have inbred to the extent of diminishing the size or lowering the vitality of a bird we surely have injured the bird not only as a utility bird, but also as a show bird, and if the judge is onto his job he will count the bird out, and by so doing he will open the eyes of the breeders to the fact that size and vigor play a very important part in the make-up of a show bird.

I do not think a man could make much headway in building up a strain of birds if every three or four years he introduces new blood in his strain. For instance, he has some weak point in his strain and he mates his birds with the object of overcoming this defect. Perhaps the first year he improves this defect to some extent; the next year his birds show more improvement, and more the next year.

Now, if this man thinks that he needs new blood the next year he will purchase a male or female of some different strain, and, of course, he feels satisfied—he now has the new blood. But, perhaps, he has introduced something that he does not want. Perhaps he has something in this new blood that will put him as far back in one year as he went forward the three years he was trying to breed out the defect. If so, the new blood did him more harm than good. And it may harm him in more ways than one. It may put him off in color, or in shape, perhaps in comb, or who knows where. Now, he may

not see the bad effect the first year, and he will say to himself, well done. But the second year—or it may be the third year—he will discover defects that he never had in his strain before.

He will begin to feel bad about this time and will say to himself, where did this all come from? Surely, I never had any of that in my strain, and the bird I purchased did not show anything like that.

The fact of the matter is, if he did not have it in his own strain it is in the strain that he received his new blood from. It may not show in the individual purchased, but it is there, and it is sure to crop out sooner or later.

Now, this man is on the fence again. He wonders what he should do next. Now, I believe this man should stop a minute and ask himself where he got the idea that he needed new blood in his strain. Did some one tell him he needed it, or did he see it himself? The only reason he can have for introducing new blood is that his eggs do not hatch good, or the chicks are hard to raise; they do not grow well, and his stock does not mature into standard size specimens.

Now, if this man can prove that the above conditions are the results of inbreeding he, of course, needed the new blood; but he must be sure that the conditions are due to inbreeding because there are a great many other things that will cause the defects mentioned, such as lice, improper feed, lack of exercise and a great many other things.

Now, the same question will be asked again—What shall we do? If we cannot retain the size and vitality by inbreeding, and if by introducing new blood we injure the blood lines, will someone please explain the mystery?

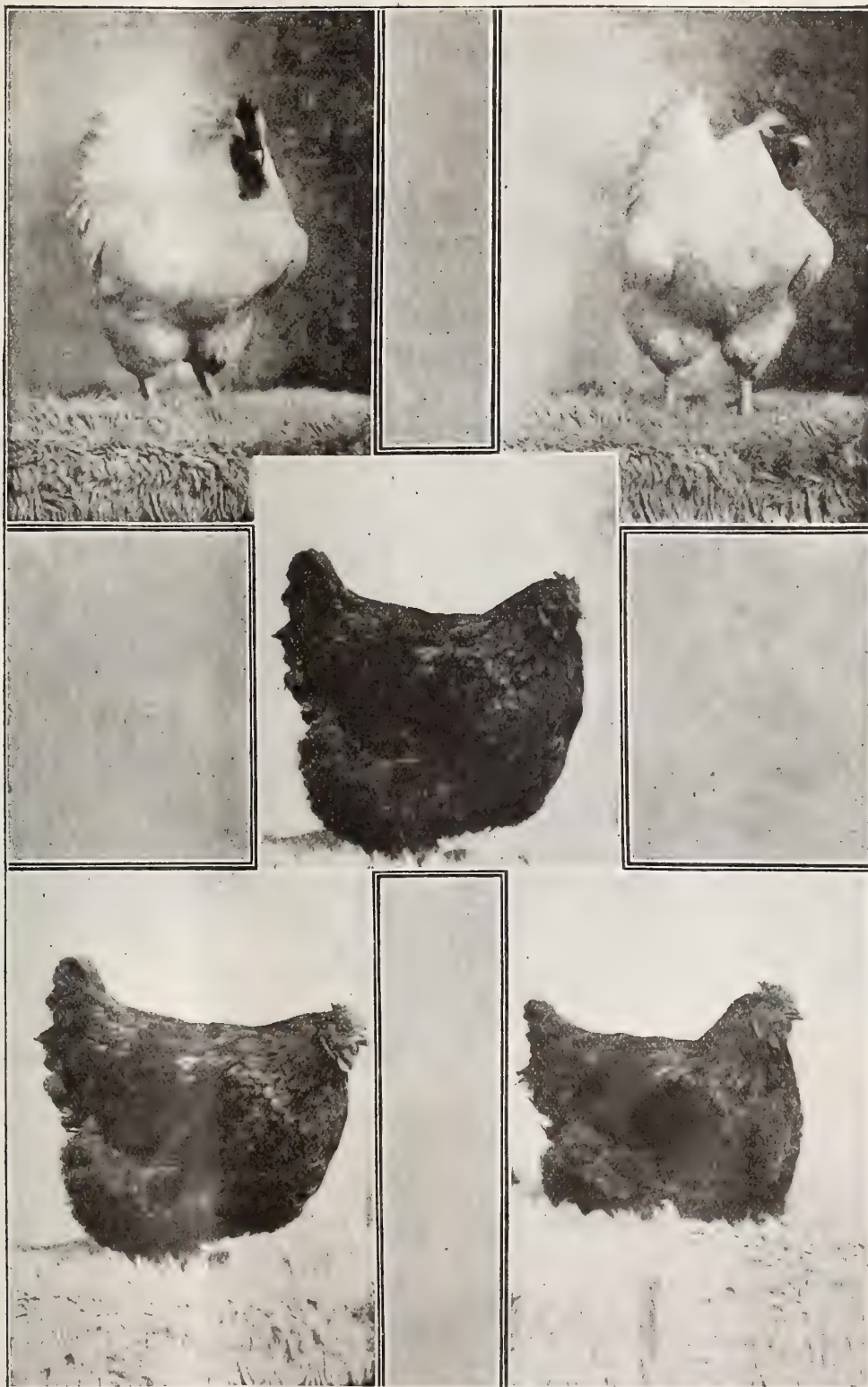
Now, as this article is getting too long, I will do as others have done, stop where I should have begun. But if the American Poultry Journal will at some future time find place for another article, I will endeavor to explain how I introduce new blood without injuring the blood lines.

West Park, Ohio.

C. W. Sixt.

THE CARE OF BABY CHICKS.

The care of baby chicks from the time they come out of the shell until they are two weeks old is the most trying time for both chicks and the one who takes care of them. Right here is where more errors are usually made than at any other point in their growth. It has been wisely said it is one thing to hatch chicks, but quite another to raise them. By careful study of the loss, and the conditions surrounding unhealthy chicks I have learned one of the worst errors was taking Biddy and her brood off her nest too soon after she was through hatching. At the very least time it takes two whole days and nights after the chicks are hatched, if they are strong and robust, to absorb the yellows of the eggs. If they are not from very vigorous stock it will take them longer. Therefore, it is of vital importance to leave them under the hen right in the nest from two to three days according to the vitality of the chicks, which is reckoned by the prompt or slow hatching. When a chick is first hatched it is a fat squab; when it is taken out of the nest it should be as slim as a race horse and as sprightly in proportion. Have the roosts coops clean and the floors covered with good, coarse sand. Let them pick at that for three hours before feeding; feed the hen all the coarse grain she will eat as soon as she is put in the coop. In two hours after feeding the chicks give them water. When all have drank a sufficient amount remove the water to avoid dampness; then put in some good, dry, chaffy straw for them to hover on. The first two weeks of a chick's life is the most critical and the most important of its growing period. It depends largely upon how well the chick does at this time what your chick will be at maturity. It is an easy matter to keep chicks growing with proper care after they are two weeks old if they are thrifty. Chicks that grow fast during the first two weeks will feather out quicker and better than those that don't do well at that time. I keep my chicks in their coops from three days to two weeks, according to the weather. Change the straw every day



WHITE AND BLACK ORPINGTONS ON THE CHEVIOT FARMS, CINCINNATI, OHIO. CUTS MADE DIRECT FROM SNAP SHOT PHOTOGRAPHS, ENLARGED, BUT NOT RETOUCHEE.

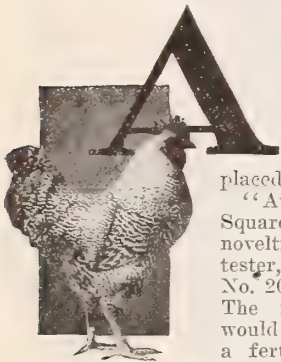
and keep their coops in a sanitary condition; clean, dry coops are an absolute essential all the time. I feed them in a feeding coop (made of wire or laths) close by the roosts coops. They soon learn the feeding coop and have already learned their own coops, which are made of dry goods boxes, the smallest size $2\frac{1}{2}$ feet square, the largest $2\frac{1}{2}$ feet by $3\frac{1}{2}$ feet and $2\frac{1}{2}$ feet high. No coop should be less than $2\frac{1}{2}$ feet high. One-half of front is made of one-inch mesh wire, the other half wooden door, and slanting tops; the back can be made a solid door except the upper board, fasten at top and bottom. They are much easier cleaned this way. The wire front gives light and ventilation. For deodorizing the coops I use to one gallon of water, one pint of pulverized copperas, and three tablespoonfuls of crude carbolic acid. As the acid adheres to the paint brush, care must be taken to get as much of the acid off of the brush as possible so as not to get too much acid in the coops. The acid will have to be added several times if a full gallon is made up at a time. Feed good, wholesome food with plenty of good water; supply plenty of good coarse sand, lime, charcoal, and oystershell, and there will be little need of doctoring your chicks. In case of bowel trouble, at first appearance give four drops of refined carbolic acid to each pint of drinking water and it will disappear in two or three days. By following the above methods I raise 90 per cent of the chicks hatched, unless killed by accident.

West Liberty street, Mexico, Mo.

Mrs. W. T. Wilkerson.

AN ARTICLE ON HOW TO INFLUENCE SEX

Written for American Poultry Journal by Rev. C. E. Petersen, Bridgton, Maine



RECENT issue of "Gleanings in Bee Culture" contained the following. It is a rich item and we appreciate it, owing to the fact that we were somewhat taken in with the instrument when it came out of England some time ago and told successfully the sex of animals or eggs placed under it:

"At the recent poultry show at Madison Square Garden, New York City, among the novelties there was a "sure thing" egg tester, the invention of W. Gunnerson, of No. 20 Garden street, New Rochelle, N. Y. The inventor claimed that his device would not only tell an unfertile egg from a fertile one, but would also determine the sex. The device was a small pendulum, which was held over an egg to be tested. If it swung around in a circle it indicated a cockerel; if back and forth in a straight line, a pullet, and if it remained stationary, an unfertile egg. I devised a plan to test the machine, and, accompanied by Frank Rodgers, of Farm and Poultry Magazine, brought an egg for Mr. G. to test. The device was placed over the egg and commenced to whirl around in a circle. Mr. G. pronounced it a very fertile egg, and, if placed in an incubator for twenty-one days, it would hatch out a cockerel, and he would bet \$100 on it. I then took the egg, and, in the presence of about fifty people, broke the shell and stated that it was a hard-boiled egg, and showed it to the spectators. Mr. G. said he did not care—there was life in it, anyway. The joke of the boiled egg spread all over the Garden, and next morning Mr. G. was kept busy testing eggs which, on breaking, all proved to be boiled, and the management then took a hand in the game and ousted Mr. Gunnerson from the Garden."

The above amusing incident may possibly furnish a text for a subject of more than ordinary interest, for if poultrymen were not more or less interested in the subject there would be no market for the many different contrivances and systems proposing to be infallible in their verdicts, and as a consequence of much value not only in the selection of stock-birds, but their eggs as well.

Many pages have been written since the days of Pliny, for to this writer is about as far as I can go, upon the possibility of producing a preponderance of either sex of our domestic fowls by the selection of the differently shaped eggs laid by them, and every now and again we see in print some of the old versions of the matter in a new form, and that always seems to have the power of attracting the attention of poultrymen, for if the thing could be made a fact it would most certainly be of paramount influence in the matter of successful poultry keeping.

Every poultry book has something to say about the matter, and in particular about the long proved fallacy of long eggs producing cockerels and the round ones pullets, and lately I have seen somewhere stated that if the air-cell was even across

the end of the egg it would produce a cockerel, but if situated on one side of the egg a pullet, but this as well as the shape of the egg itself is another fallacy.

It would be a great advantage to the fancier if he would somehow or other control the matter relating to the number of cockerels, but so far the only thing in this direction that has stood the test of experience is the law, that the more vigorous parent at the time of union usually produces a preponderance of the sex to which that parent belongs.

This is not by any means a universal rule, nor one that operates very extensively, but all observers agree that the proportion of the sexes can often be influenced by contriving that the sex we desire to preponderate shall be represented in the breeding pen by the most vigorous and least exhausted parent.

The number of hens given to each cock is also presumed to affect his proportionate vigor, and in that way to influence the probable number of either sex. So that when pullets are desired, as they often are, it will be wise to see that the hens are quite as young and vigorous as the cock, and in sufficient number. On the other hand, if cockerels are desired to preponderate, that can easily be brought about by mating older hens with a cockerel. It is more easy to insure a preponderance of cockerels than of pullets.



Head of typical White Orpington cock, as bred by the Sunswick Poultry Farm, South Plainfield, N. J.

But one thing which has been greatly neglected in the matter of influencing sex is by careful observation in the breeding pen of the individual specimens therein contained, and here as elsewhere the trap nest becomes a great help to the investigator, for without it it would not be an easy matter to know for certain.

It is well known that some strains of fowls show a tendency to breed more males than females, and in others the reverse is observed. Where this is a matter of sufficient importance, breeding stock may be selected with the object in view of influencing sex in whichever direction may be most desired, and by skillful selection in time breeding lines might be produced that could be depended upon to produce a preponderance of the sex wanted.

One of our own experiences has been that most all of our early hatched batches of chickens have a great preponderance of cockerels in them, while those hatched later run more evenly in the numbers of each sex, and it has never failed, to our knowledge, that chickens hatched as late as June will in every instance give a great preponderance of pullets, providing the same male bird and females have been together the whole season. Out of fifty June hatched chickens this season thirty-eight of them were pullets.

This would seem to substantiate the statement that where

the cock-bird becomes debilitated by long service pullets will preponderate, but there are a number of game breeders who state, as a fact, that strains in which cockerels preponderate are the strains that produce the most vigorous and courageous stock.

But coming back to the subject of selection, it is not very unlikely that if eggs were set from different females that it would be found that some of these females would lay eggs that would produce either all cockerels or all pullets. This we have never tried, and we know of no other breeder who has, but why should it be any more unlikely to find this a matter of fact among the fowl tribe than among animals and human beings? We know that there are animals that give birth to females only as on the other hand there are others that give birth to males only, and the same thing takes place frequently in the human family.

Now if it could be proven, and it can quite readily with the help of the trap nest, that there were every now and again hens of the kind just mentioned, it would be very easy to regulate the production of the different sexes to suit our wants.

This may be pure speculation, but we cannot help feeling that it is more than that; and that the real secret of the old subject in the regulation of sex is not to be arrived at by the different shape of the eggs, but by observation of the breeders and consequent selection with the object in view of establishing lines that will produce in preponderance either one of the sexes we may desire.

Another subject intimately related to the question of how to influence sex is the degree of influence which either parent will exercise upon the characteristics of its offspring. And in the matter of mating our birds for best obtainable results this becomes a question of the greatest importance, for if failure is made at this point a whole season's work may be lost, and it is largely because of this that several breeding pens are mated that the chances of obtaining good results may be so much increased. Even the most skillful breeder will sometimes fail in the production of his desires, for the results cannot be predicted with much certainty, and the more recently the breed was brought into existence the more uncertain will be results.

It may be said, however, that the dam has most influence on the vital powers, on the organs of nutrition and production; the sire is supposed to have control over the externals, affecting the appearance, but this is by no means constantly the result. Form, size and constitution are unquestionably of the most value in the dam; the limbs, the brain, the skin and its covering are greatly, but uncertainly, under the influence of the sire.

We have very little doubt that the greater influence ascribed to the sire in this respect is because almost all fanciers with hardly an exception take great pains in the selection of the male bird, much more so than in the selection of the females, and as he is the best out of many, the strongest and the most vigorous, and as to feather the most perfect, he, as a consequence, is more capable of transmitting his good qualities to his offspring, for it is quite certain that the female instinct goes out in admiration for the most perfect male, as Mr. Darwin has so well shown us in his chapter on Sexual Selection.

All of these matters have been neglected to a very great extent, but by the careful use of the trap nest in recent years more is now known, and still more will be known regarding the intricate science of properly mating our birds that they may produce more perfect specimens.

Let each breeder be a small experiment station in himself; keep records accurately, noting the different results, and by such careful and selective work, year after year, improved strains of birds will be produced that really are entitled to the name of new races of fowls.

There is something more than money to the real fancier, there is the great and enduring pleasure of knowing the why and wherefore of the breeding yard when finally after weeks and months of thought he puts together his few selected birds and awaits results in their progeny, and none but a real fancier knows what it means, and how it feels, when he finds that his judgment was correct and the coveted specimens of his desire stand before him ready to compete for the honors of the show room.

To be a fancier is to be born one; it is bred in the bone, and there is in him an innate love for the business; he never tires, and Sir John Sebright was not the only fancier who did not think it small work and unfit for a man to spend a lifetime in the perfecting of a new breed, for wherever anything is done well, and for the benefit of the great human race, nothing can be called small. It is a fact that cannot be successfully refuted that the fancier is entirely responsible for the improved product

of modern poultry, and that without his interference we should not have had what we have today, better poultry for pounds of flesh for number of eggs, and for beauty of plumage, all three uniting in making a combination of beauty and utility, and the beautiful is not the smallest part by any means, for loveliness of form and color always has been and always will be an attraction of which we never tire.

UTILITY IN REDS UNEXCELLED.

I am going to relate a story of utility to you concerning the Rhode Island Red.

A friend of mine came to this country from Denmark about four years ago, and as his father always kept White Leghorns he didn't know any better. He sent to Michigan for 100 chicks, received them and raised 95 out of the 100, and he was the happiest man in all these states. I had always talked the extra good qualities of the Reds to him, but you can imagine the stiff proposition I was up against in trying to get this young man to breeding Reds, as he was raised with nothing but Leghorns. I finally conceived an idea that if I gave



FIRST PRIZE WHITE ORPINGTON COCK. CHICAGO 1909.
OWNED AND BRED BY LAWRENCE JACKSON HAYSVILLE, PENN.

this gent a few eggs I could get him started, so I gave him four settings of my best eggs, and without my knowledge he sat two Leghorn eggs along with them, and they both hatched, as did 38 red chicks. After the first two weeks he commenced to force them, Leghorns running right along with the Reds, and we were surprised to find at the end of four months and 15 days one red pullet commenced laying and all the rest following shortly, and the cockerels at four and one-half months old weighed four and three-quarters pounds and at six months weighed six pounds, and the two Leghorns weighed one and one-half pounds only. Brother, this is a study in Reds. You can just imagine how pleased this young man was. He sold every Leghorn and today you cannot give him anything but "Reds." I can make affidavit to the above, sworn to by seven witnesses if necessary.

Now, brother, if this gentleman can get the Reds to mature in this manner you can, and there is no breed that you can market any sooner. Just force them a little and you will have two-pound broilers in eight weeks or layers in five months. Reds for market cannot be excelled. The sooner you get into the "Reds" the sooner you will make more money on poultry. I am a "Red" crank and I know my friend is.

"Yours for better Reds."

J. A. Rose.

Scranton, Pa.

EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for June, 1910.

State of Illinois, County of Cook, ss.
J. G. Baedde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding, sixty-two thousand copies of the June, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 20th day of May, 1910.
{Seal.}

Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Annual Election American Poultry Association, A. D. 1910

Report by the election commissioner of the officers elected, as shown on the face of the returns:

President—Charles M. Bryant.
First Vice-President—L. H. Baldwin.
Second Vice-President—C. K. Graham.
Secretary—S. T. Campbell.
Members of Executive Board—Grant M. Curtis, U. R. Fishel, T. E. Quisenberry.

Place of holding 35th annual meeting—St. Louis, Mo.

Time of holding 35th annual meeting—Second week in August.

The candidates received votes as follows:

For President—Charles M. Bryant, 951; James E. Rice, 2.

For First Vice-President—L. H. Baldwin, 955.

For Second Vice-President—C. K. Graham, 942; Miller Purvis, 2.

For Secretary—S. T. Campbell, 955.

For Member Executive Board—Harry H. Collier, 379; H. V. Crawford, 511; Grant M. Curtis, 564; U. R. Fishel, 588; Chas. G. Pape, 71; Wm. P. Smalley, 123; P. H. Sprague, 84; T. E. Quisenberry, 565; W. R. Graham, 1.

Place of Holding 35th Annual Meeting—Buffalo, N. Y., 172; St. Louis, Mo., 648; Toledo, Ohio, 80; Niagara Falls, N. Y., 32; Port Huron, Mich., 18; Los Angeles, Cal., 1.

Time of Holding 35th Annual Meeting—First week in August, 45; second week in August, 136; third week in August, 41; fourth week in August, 25.

Fred L. Kimmey,
Election Commissioner.
Morgan Park, Ill., May 2, 1910.

The Work of Artist Stahmer

It may seem superfluous to some for us thusly to appreciate the work of Artist Stahmer, but we are proud of it and of him. For the last five years the work

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C. W. ZIMMER, Associate Editor.

AMOS BURHANS, Associate Editor.

L. A. STAHMER, Artist,
Chicago, Illinois.

H. P. SCHWAB, Eastern Representative,
Irondequoit, New York.

C. W. ZIMMER, Central Representative.

HARRY M. LAMON, Adams Center, N. Y.,
Special Representative.

of this artist has been improving steadily, until now he ranks among the foremost artists who are devoting themselves to the work of delineating pure bred fowls. The breeders who have been kind enough to allow him to depict their best specimens are all pleased with the quality of work that he has done for them. They are placing more of their work in his hands from season to season, as they need his services, and he has never disappointed them.

Many of the little beautifying things that have helped to put American Poultry Journal in the high niche that it now commands can be traced to the brush and pencil of this artist. Mr. Stahmer is not alone a poultry artist. He is one of the past masters of lettering and getting up advertising ideas for catalogs and letter headings and other matter of this sort. We could name many a breeder who will say that the increase in his business has been more or less due to the handsome work that Mr. Stahmer has done for his catalog covers and other forms of advertising he has issued.

The foreign poultry journals are from month to month using some of the best American-made illustrations of representative birds and we are constantly noting some of the work of Mr. Stahmer among them. The latest coming to our attention is the reproduction of the fine illustration made by Mr. Stahmer for that good White Plymouth Rock fancier and breeder, U. R. Fishel. This is seen in the English Feathered Life for April 27. Mr. Stahmer, as well as Mr. Fishel, are proud of this piece of work.

It might be well to mention in passing that it is about the time of year for the live fancier to begin planning his advertising for the coming season. It is none too early to secure the services of a good artist and get the matter you are planning to issue into shape for the printers. The early riser gets the pick of the bakers' fresh goods. If you are in need of something that will lift your advertising from the commonplace and give it life and individuality, better get

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AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

Advertising rates are sent upon request.

in touch with us now. Mr. Stahmer is at the head of our art department and will give your letter every attention.

Our June Issue

Is not a Rhode Island Red number like some other publishers have gotten out in the past; we simply invited the Red breeders to contribute some articles and we would allow them considerable space this month. We made no effort to have it a "Big Red Issue," but we received fully twice as many articles as we could possibly use. This simply shows the popularity of the Rhode Island Red.

St. Louis Wins

Just take a look at the returns of the annual A. P. A. election and see where St. Louis stands in the estimation of the members of the association as a convention city. With six hundred and fifty votes to her credit, she wins. This means that the western states will turn out well to the annual meeting and that some live things will be determined upon. There is work to do besides get out a standard. There are changes in the constitution to be made and there are expenses which can be curtailed. If you have something in mind in the way of an improvement, now is the time to get it on paper and suggest it, that it get the benefit of being filed early and have the proper attention.

A Responsive Chord

Our editorial in the May American Poultry Journal seems to have hit the nail on the head in a good many quarters. From what we hear of it. We refer to the short note we gave vent to about delegates to the A. P. A. This not only stirred up a "hand" from the gallery, but from the dress circle, otherwise one of the leading officers in the A. P. A., who writes us as follows but

does not give his consent at this time for the use of his name:

"You are right, 'The American Poultry Association is going to get itself down on a delegate basis.' Why not do it now? Missionary work should begin at home. The great state of Illinois, one of the most important poultry districts of America, could easily have its own state branch association. New branches have been recently organized in the states of Texas and Nebraska. A branch is being organized in New Jersey; other states are contemplating separate state branch organizations. When states like Oklahoma, West Virginia, Kansas, California and others can and do support separate state branch associations, why not Illinois? At our last annual convention the expense of two sets of vice-presidents was paid. We should make membership more desirable. This can best be done through separate state branch associations. Where a branch association is composed of a number of large states it is almost as difficult to attend the meetings of the branch association as it is the meetings of the parent body. The distances are great and the expense more than the average member cares to stand; but with the separate state organization and the annual meetings held in different sections of the state each year, the members could attend. The medals and diplomas offered in branch association territory could be placed at shows in different sections of the state each year. The state branch meeting could be held at the time and place where medals are offered. This would enable all members of the state branch to take part in its annual meetings. This would create a friendly rivalry, stimulate interest in the branch association and in the local associations as well."

Our correspondent says some things that would have been tabooed a few years ago. It is true that the mid-West branch

is a bit large and unwieldy for the best results. The Southwest branch was, too, till it got going right. Now there are only Missouri and Louisiana in the branch.

This matter of paying the expenses of new officers who are seated during the annual meeting and that of the old officers who are replaced is one that we will not stand for long. There is a way out of the difficulty, but as yet we prefer to keep our own opinions to ourselves, awaiting the time when some other member shall suggest a means of getting around this unnecessary expense to the association. Lincoln Orr tells us in the May number of his "Western Notes," that there are too many vice-presidents and members of the board to pay for, and suggests that their terms expire before or after the annual meeting, and not on the date of it. This would mean a good saving in the matter of expense money to the A. P. A. Line, further says that until the states each have a branch and then the counties each have a delegate to select the delegate to the annual meeting, we shall not be down to representative poultry breeding interests. There is something in this, but the fulfillment of it will be a long time in coming. However, we are hoping for the best.

—o—

June-Hatched Chickens

The general impression seems to prevail that the early chick not only gets the worm, but also wins all the prizes at the great winter shows, year after year the demand for hatching eggs in March and April increases, and each year we find the breeder getting ahead just a little in time.

Now the question again arises, is this wise? and for our answer let us look up some past records of birds. It will be

noted that we mention several varieties, and the time required to properly mature these is ample time to fully mature any variety and show them at their best condition.

At the late New York show Grove Hill's first prize Barred Rock cockerel was a June 26 hatched bird, and if memory serves us rightly, their noble winner of 1907 "Crusader III," was also a late June-hatched cockerel. Mr. A. C. Hawkins showing seven cockerels at the late New York show, every one a top-notch and winning second and fourth, were all June 22 hatched and we doubt if ever before seven better cockerels were shown by any breeder. His New York champion cockerel of 1909 was a June 28 hatched bird. E. B. Thompson's New York Champion of 1908 was a June 25 hatched cockerel. No bird was ever shown in better condition than this one; he was trim in every particular. Charlie Welles' three-time New York winner, Fluffy Ruffles, was a July-hatched pullet, as was his winning pullet at the 1910 New York show.

John W. Poley's first Buff Rock cockerel at New York, 1909, was hatched late in June and his fourth and fifth pullets were July birds. Arthur G. Dutton's first, fourth and fifth prize White Wyandotte cockerels at New York, 1909, were all late-June-hatched, also his third pullet. His first pullet was July-hatched.

Mr. D. W. Young, who for some years has made records at New York with his S. C. White Leghorns, informs us that most of his winners were June and July-bred. The size of these same birds has been commended each year.

This is but a partial list of that before us, still it is enough to answer our purpose and to amply illustrate our intended point. We have known for



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS. It is acknowledged the world over as the greatest laying and exhibition strain. Eggs at half price from now on.

D. W. Young : Box 1-A : Monroe, New York



Champion Intruder, 1st cock and champion male, N. Y., 1908-9, both cocks and cks. competing. 3 of the last 4 champion males at N. Y. have been bred at Grove Hill.

NOT TOO LATE

To hatch winners for the January shows or next season's breeders. It is far cheaper than buying them. QUALITY is the only question and

BRIGHT'S BROWN LEGHORNS BARRED PLYMOUTH ROCKS

have few rivals and no equals for QUALITY. A strong and sweeping statement, surely, but the records attest its truth. For the last FOUR years at least each variety has won more prizes and points at America's peerless show, MADISON SQUARE GARDEN, NEW YORK, than those of any competitor.

Grand Reductions for June in Both Stock and Eggs

EGGS from best mated pens, only \$5 per 13, as they run; \$12.50 per 50; \$20 per 100. The same grand quality that produces our winners. Some fine breeders at almost half price.

Grove Hill Poultry Yards : William Ellery Bright, Prop. : Box 410, Waltham, Mass.
A. C. Smith, Superintendent



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For Roup, Cholera, Bowel Trouble and other poultry ailments

Kemiform is the safest and best remedy in the world. A tablet placed in the flock's drink prevents disease and makes profits possible. Absolutely Guaranteed. Price 40 cents postpaid, and a fine Automatic Drinking Fountain FREE

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THE LITHOTYPE COMPANY
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Bennett's FAMOUS S.C. REDS

STANDARD OF EXCELLENCE
WRITE FOR ILLUSTRATED CAT'G
CANTON, ILL.

years that many of our best breeders depend on their June-hatched birds for showing, and we also know that most of the Barred Rock breeders hatch late to improve the color and markings in their breeders. The best cock birds we have seen in this line were June, July and August-bred. The only question is to keep them a-growing; a good supply of food in variety will do this and we would like to have our friends try this. Fertility also at this season is as a rule better and greater satisfaction in the general result.

H. P. Schwab.

Express Companies Again

If the express company committee of the A. P. A. does not prove that it has at least accomplished something at the next annual meeting of the association, then we must consider that such committees are nothing but jokers dropped amongst us from time to time for the delight of fanciers who are not so deeply engaged in the business that the express company robberies and highway depredations are of financial interest to them.

The latest thing that comes to our attention is the case of a bantam fancier who sued one of the express companies for the non-performance of duty and then had the express company exert all its influence with the other companies so that they now refuse his shipments. This is certainly rotten. It smacks of trust methods. There is practically no competition between them. They, one and all, help the other to all they can steal. It is nothing more nor less than restraint of trade, and damaging to the breeder who has the express companies refuse him the poor service that they render, and if we were financially able we would fight this trust to a finish if it ever treated us like that. There is work to do. We first must have the parcels post, and then we must have lower rates and better service by the express companies. If every poultryman in the country would do his share we would have what we want, yet we sit down in the shade and are too lazy even to ask for what we desire. Is it any wonder that the express companies rob us right and left, when we are so cussed shiftless that we will not even protest?

An Important Sale

In this issue will be found the announcement of the sale of White Cochins by Adolph Anderson, Bristol, Conn., to J. B. Cornish, Jr., Washington, N. J. Mr. Anderson has been associated with Mr. George W. Mitchell, Bristol, Conn., for a great many years and is considered one of the best Cochin breeders in this country, and he certainly has produced some magnificent specimens. During several years past Mr. Anderson's White Cochins have been one of the leading attractions at the New York show, where they have always won the cream of the prizes. Therefore Mr. Cornish has bought a flock with an established reputation that is second to none in this country. Mr. Cornish is a thorough fancier and comes to us very highly recommended and we feel safe in saying to our readers who are interested in White Cochins that they cannot do better than to place their order for either stock or eggs with him.

Having purchased the entire flock he has some surplus stock to dispose of now and will also spare a few settings

of eggs from the most select matings.

It is Mr. Cornish's intention to keep this stock up to its present high state of perfection and become one of the leading poultry fanciers in the country, and judging from what has been told us about him he will succeed.

English Adopt American Ideas

Much on the order of the American special poultry train, with its lecture cars, and its demonstration cars, carrying their full quota of pure-bred fowls of the various kinds, incubators, brooders and other what-not appliances for the successful and profitable culture of poultry, the British have adopted the idea, and their first special poultry car has gone down in English poultry history.

Connected with this car were Edward Brown, the well known worker on British poultry matters; the Right Honorable Sir Thomas Elliot, secretary of the British board of agriculture and fisheries; Mr. Verney Carter, Mr. J. Smith, and representatives of the daily press. At times other lecturers were added to the list—Mr. R. Grant and Mr. Thomas, two well known British poultry organizers. To say that the thing was a success is stating it mildly. All the English journals are enthusiastic in their praise of the trial trip, and the various railroads are being sought to try the scheme on their lines.

Other States in Plenty

It is just about right, this thing of getting all states in the various branches on a representative basis as regards delegates to the annual meeting of the American Poultry Association. Illinois is not the only state that should be a branch unto itself. Minnesota, Wisconsin, Michigan and the states of the Southland and many others could be included in the list. The time is ripe. The conditions warrant the move, and the demand for more equal official representation on the executive board seems to point the way. If the delegate from each branch was a member of the executive board, as is now the case, there would be no need for a three-year term for nine other members elected at large. What is wanted is more breeders to have the influence they must have in the affairs of the association. This can be done by electing annually a delegate in each branch. If the president of each branch is the delegate, then well and good. He can be instructed how to vote and if he fails in carrying out the trust given him in this matter, then his head can be tossed into the basket at the next annual branch election. Representative government of affairs is what we want and will have.

Poultry a la Chanticleer

The people of this country are surely taking an interest in poultry, not only in the ways which we fanciers know about, but the women are now talking nothing but "Chanticleer." We have the Chanticleer hat, which is as near like a rooster as may be. Anyway, it is perched on a woman's head. And we have the Chanticleer pins and belt buckles; and it's Chanticleer this, that and the other thing. Truly, there is a big boom in the poultry world.

Hints for the Month

Just by way of spicing things up a little and showing how really inconsistent one can be, Brother Purvis says a few things editorially about brotherly love in A. P. A. politics and then lambastes T. E. Quisenberry very beautifully and without a qualm of conscience.

If anyone can get up a better page of A. P. A. matter and suggestions than the word slinger from Beantown, we would like to know where it is. Robinson does hit some heads and a lot of good things on the head. The way his "official artist" idea is going through the country shows what the boys think about the control of the artists who make the Standard's illustrations. The facts are that one cannot pull the wool over our eyes all the time. The election returns may show how much we are waking up. Another thing that strikes us as being good is the statement that editors who are in the A. P. A. offices and blowing

their own horns are doing more good than the editors who are not blowing their horns nor running for the offices.

All that is left of the Southwest branch of the A. P. A. are the states of Louisiana and Missouri. It will soon be time for the members from the Southland to form a branch with themselves, and thus leave Missouri standing alone. Missouri can stand. The more branches the more members of the executive committee who will not be in the ring. We are moving, though at times it does seem slowly.

It is a cinch that Linc. Orr never submitted his ideas for a reform in the A. P. A. to the high guy before they were in type. How such a thing as this slipped into R. P. J. will puzzle a few. Linc. says: "I am beginning to think the A. P. A. is on the wrong basis. It is getting too top heavy. Pretty soon it will be like some of the Tammany

gangs, a high boss, five overseers, a time-keeper, and a gang of three or four workmen. What looks like good policy to me would be to have each branch hold a good state meeting and send one delegate for every hundred members or fraction thereof, at the branch's own expense; the general officers to hold a meeting during the summer after all the branches have had their meetings; the state organizations to receive all moneys from membership fees, and pay only to the association a per capita tax sufficient to defray expenses; the only officers the association would have would be a president, one vice-president, secretary, treasurer, and three trustees, one elected every year; the annual election to be held by open ballot, at the association's annual meeting, each delegate to have one vote for every twenty-five members in his branch. He could be instructed, or not, whom he shall vote for or how to vote on other matters that may come up. I am sure a good workable plan can be fixed up. It is getting in a bad way."

One of our contemporaries runs an article on handling a back-yard poultry plat the past month. Next in line should come an article from some good woman telling how to grow a good garden and erect a scarecrow for the back-yard fanciers' chickens.

That wizard of the poultry pen, H. S. Babcock, takes for his text in Country Gentleman a passage from Chaucer. If this is not combining learning and chick-

ORPINGTONS

BUFFS, BLACKS and WHITES

My elaborate 30-page, 8x10 catalogue is complete and will be mailed for a dime. It tells the story of the famous Byers Strain Orpingtons. The best colored birds each season are hatched late. My regular prices on eggs run \$5, \$10, \$15 and \$20 per 15. After June 1 I will sell eggs at half price. The quality of my matings is superior and the same in Buffs, Blacks and Whites. READ THIS AGAIN.

You are familiar with my phenomenal records for the past twelve years in Orpingtons if you have watched the advancement of this wonderful breed. I won more premiums on Orpingtons at 1908 and 1909 Chicago shows than any other exhibitor. I have supplied winners for the largest shows in the United States and Canada in the past and will continue to do so in the future. There's a reason.

Anyone can write catchy advertisements to catch the unwary for pecuniary gain only but I have been and am in the business to stay and YOUR BEST INTERESTS WILL BE SERVED.

I have the quality of the hour in line bred birds that can be depended on. That means all in the establishment of a reliable flock.

C. S. Byers : Orpington Specialist : Hazelrigg, Indiana

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

BUY EGGS



Prince Ringy

From the grandest matings that have ever been brought together. They have no equals anywhere in color and barring.

I Defy the World

To show up birds that can equal in dazzling wealth of color and in simply marvelous, fine, narrow barring the birds that are right now in my breeding yards. You simply cannot—you can not—find their equals anywhere. Eggs are very fertile—95 per cent. Price \$5 per 15. Order at once. Remember, birds hatched in May and June make the finest show birds.



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"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct: freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now. **FREE**
M. M. JOHNSON, CLAY CENTER, NEB.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 30 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : : KEY, OHIO

Greenwood & Yeoman's

Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business. Box 1334 - Paterson, New Jersey

HENSON'S S. C. R. I. REDS

Have always won at Cleveland, Lorain and Elyria in hot competition. Eggs, \$3 per 15; \$5 per 30. All stock and eggs guaranteed. R. Henson, R. 2, Oberlin, O.

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Square Garden show; also second hen. Eggs at reduced prices balance of season. Write. B. A. OAKLEY : BROOKLYN, PENNA.

Thorniley's Anconas

Greatest winter layers ever produced. Strong, healthy, well mottled birds for sale. Circular of stock, eggs and day-old chicks mailed free.

Willard J. Thorniley, Marietta, Ohio

Life Member A. P. A. : Member Ancona Club of America

SINGLE COMB.... **LEGHORNS**

BUFF

Eggs for hatching from America's most phenomenal prize winning and egg producers. Awarded more than 350 prizes in nine different states since 1905. Captured sixty prizes on sixty entries at Chicago, Boston, St. Louis, Cleveland and Indianapolis this season. Ask for our "Gold Bond Proposition."

Peter S. Hurt, R. R. 5, Thorntown, Indiana

Farm Journal

Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper. : : :

Wilmer Atkinson Co., Philadelphia, Penna.

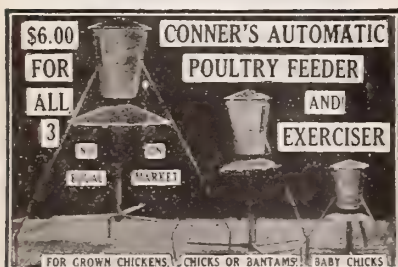
BARNETT'S POUL. FARM BARRED ROCKS

E. B. Thompson pure "Ringlet" strain. All of my pens are scored. Eggs from \$2 to \$3 per setting of 15. Young chicks 25 cents each.

G. A. Barnett : R. R. 1 : Clinton, Illinois

KEEP CHICKS GROWING

BY USING



Solves feed problem and keeps hens laying. Saves time, labor, litter and feed. Send for circular and get the best. : : W. M. Conner, Jersey City, N. J.

ens and poetry and literature all in one theme, we pass it.

The Poultry Record tells us that there is to be no record of poultry taken in the present census which is kept and bred on less than three acres. We did not know this. When we filled out our blank and turned it in to be copied we did not notice any distinction such as this. What is your information coming from, Mr. Poultry Record?

Drev. takes the space and time to tell us that the Black Wyandottes are going ahead with the eastern fanciers who are breeding them for their beauty as well as utility. These and the Javas are worth the candle, so why not more breeders of them?

It is about time for the poultry associations to give some attention to antagonizing the poultry press by making it buy space at shows in order to do business, when the press so generously



A. A. FENN, DELAVAN, WIS.

gives its space for the furtherance of show information. Your move, Mr. Show Association.

The report comes that little old New York is going to have a preliminary show this season before the big event in the Garden. This will be a sort of tryout for the local breeders, so they tell us, and we hope it will win out. The dates for the regular show in the Garden are December 27-31.

Hope is somewhat revived in the hearts of the fancy over another show to be held in the Garden. Rumors are rumors, nothing more. The Garden will stand for another show at least.

By the way, that was a good dig that Robinson gave a certain gentleman about types of men.

Just so that we will not forget to keep our heels on the ground and our chins in and heads level, let us read the below clipping from a daily paper and note that there are a good many Mrs. Foxes in these United States who are breeding pure-bred fowls for the good they will do and not for the pleasant poses of the beauty they may attain. This woman cares no more about the A.

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free. Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

Montgomery Ward & Co.

Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

INCREASE THE PROFITS

from your farm or garden. Get the PLANET, JR. TOOLS. Illustrated catalogue free. Write today.

S. L. Allen & Co., Box 11071, Philadelphia, Penna.

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

Grand Free Building Material Catalog

5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 30c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 54c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 1971 Case Street, Davenport, Iowa

Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants.

H. N. Hanchett, Jackson, Michigan

WHITE ————— BLACK

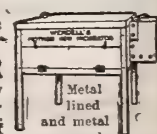
Orpingtons

My birds are the low down on shank kind. My Whites are white to the skin. Eggs from 5 fine pens of each at \$4.00 per 13, \$7.00 per 26, \$18.00 per 100. A square deal guaranteed.

E. R. BRADLEY, HILLSDALE, MICH.

WENDELL'S**INCUBATOR & BROODER**

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. 7. We allow 30, 60 or 90 day's trial to prove it yourself. **AUTOMATIC HATCHING CO., Holly, Mich.**



FOR BREEDING and GROWING STOCK NOTHING EQUALS

Economy Beef Scrap

THE QUALITY KIND

Guaranteed Analysis 65 per cent protein. \$3.25 per hundred F. O. B. Buffalo. Write for sample and discount on quantity orders.

The Economy Meat Food Co. : : Buffalo, New York

P. A. and the Standard than if there never was any, yet she is of the type of folks who should be interested in the association and it is time to get them into the fold by doing something that will interest them: "Mrs. Philip Fox, who resides on a farm near Bard, was in town today and brought her usual quota of eggs for market. In the past thirty days Mrs. Fox has sold to Worthing, the grocer, eggs to the amount of \$57.69, and aside from what she sold, Mrs. Fox retained seventy-five dozen for setting purposes and used thirty-six dozen in the house. She believes there is good money in the hen and declares she will stand by biddy to the last."—Mitchell Daily Republican.

* * *

Ernest Kellerstrass is behind the Kansas City show this season. It is to be held under the auspices of the Missouri State Poultry Association and they are planning to hold the biggest event in the world. Some class to the way they are going into it down there.

* * *

The "State Aid" bill for poultry associations is a good one, as it is drawn up before the legislature of New York state, and should be supported by all the fanciers and breeders of that commonwealth. Up to the time of going to press we have not heard whether the bill has been passed by both houses or defeated.

* * *

A new breed of turkey has appeared in England. It is called the White Austrian. From what we can see of it in the photographs that are appearing in the English poultry journals, it looks identical with the White Holland.

* * *

Tennessee is at work organizing a state poultry association. Bully for this state at the border of the Southland. Let the good work go on. This state is full of chicken breeders and they should get together.

* * *

Purvis is giving the last kick on the 300-egg and 200-egg hen subject which he stirred up. That is one advantage of being an editor. One can say his own say and cut out the say of others.

* * *

The Appalachian Exposition at Knoxville is going to have a great southern poultry show in connection with it. There will be some northern-bred birds there, too.

* * *

Replying to the query that appears over an editorial the past month, "Are the hen's eggs too small?" we would reply, "Yes," when we have to buy them.

* * *

The story coming from Philadelphia about the big farm to be set in motion by Markle, the mining millionaire, sounds good. They are planning a home for something like 175,000 chickens.

* * *

Theo. seems to have gone into his hen house and caught Trafford with the goods.

* * *

National Barred Rock Journal now becomes a monthly rather than stay a quarterly. Welcome to the fold, Brother Robinson.

* * *

The new yearbook of the National Bantam Association is worthy to be classed among the very best books of the

clubs put out this year. The bantam is a grower in favor. Nothing like them for pets and small yard fancy.

* * *

United States Department of Agriculture has just issued a book on pheasant farming which it will pay interested parties to obtain. It is free for the asking.

* * *

We correct Curtis on the highest priced eggs ever sold for hatching, and submit proof in this issue.

* * *

Well, Reese, here's hoping you can make good!

Quisenberry certainly made a good race. Thank your friends, Tom.

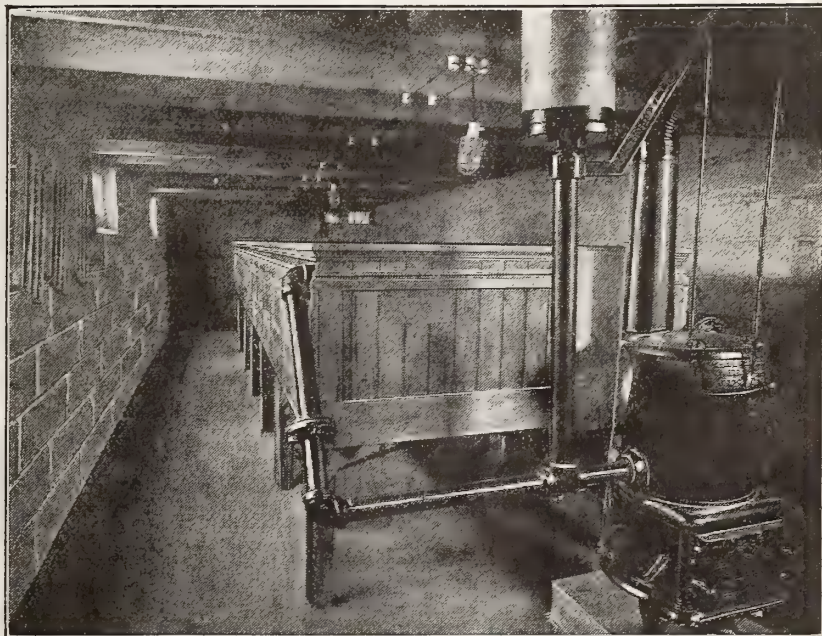
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Question: (1) Would you consider ten acres enough land for a poultry farm? (2) How many ducks or chickens can be kept to the acre, giving them ample room—that is, for egg production for common market and for breeding purposes? (3) Can one man care for one thousand ducks or chickens with the necessary equipment?

J. W. C.

Otterburn, Ind.

Answer: (1) Yes. (2) From 300 to 500. (3) Yes.



A 3,600 Egg Hall Mammoth Incubator on Kenotin Farm, Washington Mills, New York.

BECAUSE OF THEIR UNEQUALED UTILITY, THE HALL EQUIPMENTS ARE THE MOST PROFITABLE INVESTMENT.

New York City, May 10, '10.

If I were to buy an incubator to hatch chickens I would rather invest my money in a Hall Mammoth than anything else now on the market.

The Hall Mammoth Incubator controls temperature simply and efficiently, permits a diffusion of oxygen into the egg-chambers, and the moisture carrying capacity of the air is not increased to a point of excessive evaporation.

The Hall Brooder System is as unique and unexcelled in its simplicity and efficiency as the incubator.

The Hall System of Incubation and Brooding is practically fool-proof—and that is saying a lot.

MILO M. HASTINGS,

Ex-Commercial Poultry Investigator U. S. Department of Agriculture.

It pays to heed the men who know,—who know the poultry business from way back in history,—who have by experience learned the best ways.

The Hall Mammoth Incubator and the Hall Brooder System are the modern equipments for hatching and brooding.

Send for the Hall Catalog.

THE HALL MAMMOTH INCUBATOR CO., Utica, N.Y.

Eggs for Hatching from Fogg's S. C. W. Leghorns

are the kind that will hatch you winners and heavy layers. If you want eggs in single setting or thousand lots, it will pay you to send for it. If you are interested in the best in S. C. W. Leghorns, send for mating list and catalog now.

N. V. Fogg - Box R - Mt. Sterling, Kentucky

RUSSELL FARM WHITE WYANDOTTES

Winners at Guelph, Toronto, Boston and Ottawa. This season at above shows they won seven first prizes out of a possible 16 competed for. For sale: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write your wants.

Joseph Russell, Proprietor :: 1308 Queen Street East :: Toronto, Ontario, Canada

BARGAINS IN BARRED PLYMOUTH ROCK HENS

I was poultryman for E. B. Thompson two seasons and have blood of his Madison Square Garden winners in my yards. They won for me at Kansas City last winter. Rare bargains in my breeders. 32-page illustrated catalogue and typewritten bargain list free.

A. E. Blaker :: :: :: :: Box A, Route 2, Parsons, Kansas

Hearsfield's Barred Rocks, Cornish Fowl and S. C. Brown Leghorns

again victorious at Madison Square Garden. Six ribbons on 6 entries 1909. Five ribbons on 6 entries 1910. All my winners with two exceptions are in my breeding pens. Eggs, \$3 for 15, \$5.00 for 30. Utility Barred Rock eggs at \$6.00 per 100 after March 1.

Wm. H. Hearsfield, - Woodmere, New York

S. C. Black Minorcas

Eggs from pen headed by Chief Big Comb, \$5 per 15. Order now! Two-months-old pullets at \$1 each from best pens. Utility stock 75c or \$65 per 100. These can be delivered by June 15 or July 1. Send for booklet.

South Side Poultry Farm, F. C. Wing, Prop., Wayland, Michigan

THE CHAMPION BROODER

Best in the World. Catalogue Free.

J. A. Bennett & Sons Co. : 929 Main Street : Gouverneur, New York

STYERS' COLUMBIAN WYANDOTTES

Our stock has won prizes at Chicago, New York and other great shows. If you want to raise chicks with black wings, fine, sharp laced necks and tail coverts, you will buy our eggs. \$5 per 15, \$8 per 30, and \$20 per 100, from prize matings.

Fred Styers : : Route 25 : : Greensburg, Indiana

BARRED ROCKS

I breed Rocks that have that bright snappy color and even barring that is so hard to get. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

GEO. W. BACHMAN : : : : : NORTH BALTIMORE, OHIO

ORPINGTONS OF THE BETTER SORT

Buff, Black and White—Eggs for hatching that will hatch from my matings that will produce results.

Mountain View Farm R. F. D. South Kent, Connecticut

Oakland Poultry Yards

Have a bargain for you in S. C. White Leghorns. 800 hens and 40 cocks for breeding and laying. To make room for 3,000 head of youngsters we will sell the above at greatly reduced prices, considering quality. Mating list free. Write your wants.

WM. C. BOWMAN, MANAGER BOX 337 TRENTON, NEW JERSEY

DOES POULTRY ADVERTISING ENERGETICALLY DONE PAY?

By Amos Burhans, Waterville, Minn.

THE world is the field of the poultry advertiser. All advertising is grist to the mill that furthers his name in poultry journal, daily paper and live-stock journal. Just that amount of energy that he puts into his work will show itself in his advertising and the results will show what sort of a booster he is for the game we are all playing. A name associated with a breed of fowls may not have the address attached, but just the same it is advertising that will in the end do the breeder good. If I see the name of a man who is doing something that interests me, I remember it. It is the same with all Americans, I am sure, for I am just one of the average readers. I let what I have read sink into my brain and later I am sure to find something more about the same topic. Then I am interested. From that time on I run



BUFF ORPINGTON.

First prize hen at Jackson, Mich. Weight, 9½. Property of Valley Poultry Farm, Galesburg, Mich.

across a lot of things that are along the same line. I have come to watch for them and I find them. You, reader, are probably aware of the same coincidences. Had you not been interested in the subject which you are daily picking items up about, you would have passed over them because you were not interested. We all recall something we have read about a matter in which we became interested, but when we turn to lay hands on it again it has gone.

And it is thus about things poultry. Today you read about a certain breed of fowls or a breeder of more than the usual ability, and the chances are that at some future time you will want to get that same article again. Perhaps you read only headings. Many a thing that would interest you now has been skimmed over in the past to your present sorrow. For a few years the poultry doings of Ernest Kellerstrass have been commanding more than the usual amount of poultry journal and news paper space. Folks who read them may not at the time be interested in the matter they pursue, but sooner or later they get in the poultry habit and then they want some information just such as they have read. Mr. Kellerstrass' advertising in the poultry journals has been such as caused, from time to time, many newspaper stories about his meth-

IRON AGE

Wheel Hoe, Hill and Drill Seeder.

Whether the man of the house or the lady of the house or the small boy makes the garden, all of the necessary work is easily done when you use one of these tools. Does A. DAY'S WORK IN 50 MINUTES.

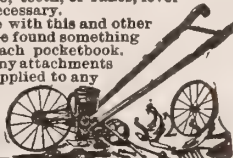
Not only does this tool do the work more easily and better than in the old way, but you can get over your ground more often, keep the weeds out entirely and keep all of the moisture by constant cultivation. You can open furrows, sow seed and cover and roll it, mark your next row, trim out the weeds and cultivate with hoe, teeth, or rakes, level the piece of ground, ridge your rows, if necessary.

Thirty or more combinations are made with this and other "Iron Age" garden tools—in the line will be found something to fit each one's particular needs and each pocketbook.

Prices run from \$2.50 to \$12.00. A great many attachments are furnished and made so they can be applied to any one of several tools, old as well as new.

Write for complete "Iron Age" catalog to-day and see which one answers your purpose best. Address

BATEMAN MFG CO., Box 563 Grenloch, N.J.



ods of breeding and what sort of fowls he raised and other matters, all more or less of an advertising nature. Beginners in poultry culture wanted to know more about this man and his fowls, and how he produced such good layers and such a strain of heavy winners. I have seen whole articles lifted from the poultry journals run in the general papers all over the country. In a great many country papers scattered here, there and yonder, will be found small poultry departments of a more or less serious nature, and the editors of them run across the great profits made by Mr. Kellerstrass and the value of his birds in some of the newspapers and other mediums, and these are clipped and rewritten, and some are so twisted as to be really funny and ridiculous.

But all that has appeared is good advertising for Mr. Kellerstrass. It has made the name of this breeder chanted throughout the whole of a number of countries across the water and quite extensively here at home. In the end it has sold stock and eggs for this man, who has not been afraid of breeding the best and advertising the fact. This is what counts in an advertising campaign. Smaller breeders, who have never been in a position to know just what amount of business this breeder is doing, would be satisfied if they could do in a lifetime the same amount of business that this man does in one season. It is the nature of Mr. Kellerstrass to go into whatever he undertakes just as deep at the first jump of the ticket as some folks would tackle after twenty years of gleaning the know hows of the business.

It is safe to say that a great share of the business of this breeder comes from folks who never owned a pure bred bird until they bought their first setting of eggs or pen of breeding stock from him. There is a fact covered in this statement that a good many breeders could use to advantage if they but dug it out. The White Orpingtons have been a meritorious bird and are growing even more popular. Business which Mr. Kellerstrass cannot care for this year he has had to return to the senders to the amount of \$5,044.40 for the two months of February and March. I have the names of those who have placed orders with him for this amount of stock and eggs and the individual remittance of each sender. I also know that during April and May this breeder had to return another great amount of money which he could not furnish the stock and eggs for this season, and a large amount of which was again sent him, the remitters saying, "book me for 1911."

These items show that advertising does pay. And another thing: This season there has been a grand advance in the prices of eggs for hatching among all the leading breeders. Advertisers and breeders who thought, before the Kellerstrass successes began to make their appearance, that buyers would not pay for the best they had to offer, found that there was an awaiting public ready to purchase eggs at the highest prices ever known. Some few advertisers have gone wild, however, and are asking large sums for average stuff, and the result is that they are not doing much business. There is something to getting good money for pure bred stock and eggs beside claiming that you have it. Folks will be shown. We have already given this man Kellerstrass credit for doing more to raise the plane of the poultry business beyond that of a plaything, and we herewith present

more evidence that there is a good demand for the best that can be produced, at scarcely no matter what the price asked.

Read this. It was written by Mr. Kellerstrass to the gentleman whose name will be found on the reply as we give it below:

" * * * I also note what you say about the setting of eggs from the pen of birds that I wrote you about. Now, Mr. Burns, you say in your letter: 'Wire

me what the price will be,' and when can I spare you a setting? Well, Mr. Burns, I didn't wire you for several reasons. I have to write you, and go into detail about this matter. This pen of birds consists of four females and one male that my wife and daughter have in a pen to themselves here on the farm. We don't show them to everyone who comes here, because if we did they would all want to buy eggs from that kind of birds, and that is something that we

7% and a Double BONUS

We are selling to poultry farmers and to investors generally a small block of our Preferred Stock and with each Share bought we are giving two Shares of our Common Stock **free** as a Bonus. This sale will continue on this basis until **this first block** of Preferred Stock is sold. The Preferred Stock will pay dividends of 7 per cent from the date of issue. The Common Stock will not pay any dividends this year, but it is expected that next year the Common Stock will pay a reasonably good dividend.

EGGS

The business is eggs. New York City eats nearly **four million eggs every day**; most of them stale. We are the first people to supply absolutely fresh eggs to New York consumers in sealed and dated packages and guaranteed not more than one day old. We jumped to success in a month and every week now shows hundreds of dozens increase on the week before. We sell entirely **through the grocers** and to keep up with our orders has required continuous hustle. We have contracts with several of the biggest egg farms within a radius of 200 miles and we are arranging to go out 500 miles to points from which express can reach New York over night. Some of the farms supplying us have as many as 10,000 White Leghorn hens. Our advertising is appearing regularly in the New York City daily newspapers and in a few weeks "**16-Hour Eggs**" will be advertised in New York street cars and electric trains. The eggs gathered on the farms today are in the grocers' hands tomorrow. Grocers do not order any more than they need for the day. The idea is taking immensely and at the present rate of weekly increase we shall be selling **10,000 dozens a day** within a year. Of course we anticipate a scarcity of eggs in the winter and shall advance our retail prices accordingly.

These Shares are being sold to fit out the enterprise at once with automobile deliveries and when the superior quality of our eggs is known and our delivery organization is perfected we hope to make a net profit sufficiently large to pay good dividends upon both Preferred and Common Stock. Eggs sold in New York City last winter as high as \$1.00 per dozen. We have never sold lower than 40 cents and our average price for the year will be above 50 cents per dozen. The buyers of Shares now get in **at the very beginning of the enterprise**. Shares are \$10 each. Send \$10 or \$20 or \$50 or \$100 or \$500 or \$1000 and get your shares and Bonus Stock at once, or if before subscribing you want additional particulars, send for our circular entitled "**Four Million Eggs a Day.**"

The 16-Hour Egg Co.

46 East 41st Street : : : NEW YORK

Girard Barred Rocks

Over twenty years a breeder of high scoring stock. Five grand pens mated up. Of the cream of over 500 birds I make this one breed my specialty. 25 cockerels from \$2 up to \$4 each. Write for my circular. Eggs \$3 per 15 from pens 1 and 2; \$2.50 per 15 from pens 3 and 4; \$1 per 15 from pen 5.

Evergreen Poultry Farm, Eva E. Girard, Prop., R. 2, Schleswig, Iowa

RED EGGS HALF PRICE

After June 1st I will sell eggs from my best \$10 pens of champion prize winning R. C. Rhode Island Reds at \$5 per fifteen. No better stock anywhere and I guarantee satisfaction in every particular. Write for prices on exhibition pens for the early fall fairs. I supply the winners. Send for mating list and mention American Poultry Journal.

Robert Bretz R. R. 3 El Reno, Oklahoma

S. C. R. I. REDS

Bred to lay. Twice winners of shape and color specials at Wheeling and West Virginia State Fair. Eggs half price after June 1st.

Geo. H. Keck Edgewood Wheeling, W. Va.

BLACK ORPINGTON SALE

During the next thirty days is your opportunity to get stock and eggs at half price from our Duke of Kent strain, one of the oldest and most reliable strains of Black Orpingtons in America.

Foster & Johnston, R. R. 7, Ft. Wayne, Indiana

READ THIS AD

It tells more than the common hub-bub about winnings found in other ads. Learn about FENTON FARMS, the largest plant in the country devoted exclusively to Columbian Wyandottes. Fine buildings—sanitary—neat and clean throughout. COLUMBIAN WYANDOTTES—We own the largest and one of the finest collection of this popular variety. By virtue of our 1910 winnings at Chicago our birds hold undisputed claim to "BEST IN THE WEST." Our customers win leading prizes in the best shows, east, north and south. That's why we have never been able to supply the demand. But Columbian Wyandottes are more than a show variety. They are a general purpose fowl. Best layers, fine market birds, hardy, easy to raise, quick growers and easy keepers. They possess every good quality found in other breeds minus the poor ones. Visit our plant and be convinced that it is unsurpassed and Columbian Wyandottes are unequaled. Eggs, from six exhibition matings, \$2.50 to \$10 per 15. All infertile eggs replaced free. Sale of breeders now on, \$2.50 and upwards.

FENTON FARMS, MT. CLEMENS, MICH.

Per Walter G. Fenton, Vice-Pres. Nat. Col. Wyandotte Club. Life Member A. P. A. Life Member Michigan P. A.



1st Cock, Indianapolis, 1909

WHITE WYANDOTTES

HALF PRICE EGG SALE

My birds have won at Pittsburg, Boston, Chicago, Ontario, Indianapolis and many other shows where the best Wyandottes in America were in competition. My birds always win. I know how to breed winners. My best eggs now only \$2.50 per fifteen. Stock for sale cheap.

Geo. M. Kline, Box 64, Downers Grove, Illinois

BARGAINS : BARGAINS : BARGAINS

Single
Comb
Buff

ORPINGTONS

White
..and..
Black

An Unusually Fine
Lot of Blooded Stock

1910

For Sale From My
Breeding Pens

A spring sale to make room for the young 1911 winners
Write for Sale List and Catalogue

Sunswick Poultry Farm : South Plainfield, New Jersey
Inspection Invited Rufus Delafield, Owner Trains Met

don't have. There is one female in this pen of birds which is now four years old, and she actually weighs between 14 and 15 pounds. Two of them go over 12 pounds, and the fourth goes between 9 and 10 pounds. The male bird is the grandest male bird I ever owned, and that is saying a whole lot; he is even far better than 'Crystal King,' and you know that is saying a whole lot. I have never quoted this pen, nor any of the eggs from this pen in any of my mating lists or catalogues, nor even spoken about them. I have quoted prices to a few of my friends and breeders on eggs from this pen, and have sold some eggs from this pen, but now, steady your nerves, because I am going to tell you that the eggs from this pen will cost you just \$10 each, or \$150 a setting, and I have never had to ask a man a second time to buy an egg from these birds, and there are certain breeders in certain localities to whom I would not sell those eggs, because I might have to show against them, but I know that you like to have good birds; in fact, you like to have as good as anybody has, and that is the reason I wrote you about this pen on the 14th.

"Now, if this will interest you, just let me know, and I will send you a setting of eggs from this pen, upon receipt of your order; that is, within four, five or six days after I get your order. We are getting two and three eggs from this pen a day right along. Last week we got three or four eggs a day from this pen. They are all laying right now, but how much longer they will keep it up, of course, I don't know, and you know that they are liable to go broody all at once, so, as I say, if this interests you, and you want some of those eggs, all well and good. I assure you that if you hatch one or two out of this setting that you will not take twice or three times the price you paid me for the eggs, for one of the birds."

Good Poultry Land

5 Acres \$125

\$5 Down, \$5 Monthly

Soil and climate have a great deal to do with the successful raising of chickens and squabs for commercial purposes. This land in Southern New Jersey is only 19 miles from Atlantic City. It is clean and dry and the mild climate is conducive to winter laying and early broilers, which bring best prices.

Berries, fruit and vegetables can be produced with good success, insuring an income from the land during practically the entire year.

Within easy shipping distance of the best markets of the country—New York, Philadelphia, Baltimore, Washington and the Jersey Coast resorts. Two main line railroads, large manufacturing town and navigable river nearby. Title insured. White people only. Booklet free. Write today.

FRAZIER COMPANY
691 BAILEY BLDG.
PHILADELPHIA, PA.

S. C. White Leghorns Columbian Wyandottes

Eggs half price. A few selected breeders for sale. Place your orders for young stock with "Harvester Strains." : : :

H. A. D. Leggett 21 Rowley Street
GOUVERNEUR, N. Y.



let A. Elden E. Cooley, Frenchtown, N. J.

White Ply. Rocks

A few of my choice breeders for sale now at prices that will move them quick.

Wm. C. Eagley, No. Girard, Pa.

DIDRIKSEN'S CHAMPIONS

Black Minorcas, S. and R. C. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale.

A. Didriksen :: Whitewater, Wisconsin

F. R. E. E

Poultry Catalogue

East Donegal Poultry Yards, Marietta, Penna.

Rose Comb R. I. Reds

I bred champion cock Madison Square Garden, 1909-10. This year's breeders for sale.

Bay View Poultry Farm, E. W. Bogert, Port Washington, N. Y.

EVERGOLD BUFF WYANDOTTES

Eggs for hatching from birds that won best display in the largest and best show of this kind ever held.

Gerald Williams :: Wellington, Ohio

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio



The "Signet" Leg Band

Adjustable. Price, 12, 15c; 25, 20c; 50, 35c; 100, 60c; postpaid. Try Little Gem Water Fountain Pen; just the thing for little chicks; 20c each postpaid. W. J. Bail, Salem, O.

BUFF ORPINGTONS

Eggs and stock sired by a son of a Madison Square Garden winner. Prize winning W. H. Turkeys.

H. B. Cass, R. R. 5, Taylorville, Illinois



A GOOD TRAP NEST made in a few minutes; very simple and reliable. Complete printed instructions for making your own trap nest, only 10 cents.

Geo. Stirdivant, R. 9, Sheboygan Falls, Wis.

ROBISON'S

Are sure winners. Eggs now half price. Free booklet. I will sell half of my breeders very reasonable. : : :

W. S. ROBISON

Route 1, Fayette, Missouri

Ideal Aluminum



LEG BANDS for Poultry and Pigeons are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on. Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-75c. All

supply dealers sell them. Sample band and my price list mailed for 2c stamp.

Frank Myers, Mgr., Box 40, Freeport, Ill.

Following is the reply and the formal order for the \$150 setting of eggs, which I think holds the record for being the highest figure ever received for eggs for hatching up to this time, nothing in the past having approached it:

The Portland Gold Mining Company.

Colorado Springs, Colo.,

April 25, 1910.

Mr. Ernest Kellerstrass,
Kellerstrass Poultry Farm,
Kansas City, Mo.

My Dear Kellerstrass: I am in receipt of your favor of the 21st, in regard to a setting of eggs from the special pen which you mention. If it was not for your reputation and the dealings that I have heretofore had with you, I would not think of paying you any such sum for a single setting or eggs, but as you say they are worth the money, I will take your word for it and enclose herewith my check for \$150.

Please send the eggs by Wells-Fargo Express, notifying me by wire as soon as shipment is made. Yours very truly,
(Agd.) Thos. F. Burns.

White Orpington breeders all over the country are experiencing a good demand for what they are offering. The advertising of Mr. Kellerstrass has not only brought him business, but it brings it to all Orpington breeders and to advertisers of Kellerstrass strain in particular. The next few years are going to be Orpington years. We can all see which way the wind blows. The energetic advertising has paid. It will always pay. Push an article and there will be a demand for it. Enthusiasm is contagious.

Tell your friends about the good things in American Poultry Journal. They will be interested and thank you.



GAPE-NIT

CURE never fails. 50c postpaid. Booklet and testimonials FREE.

PEERLESS GAPE-NIT CO.,

THE CURE THAT CURES GAPE. No matter how bad the case. Kills both germ and worm. Prevents little chicks and young turkeys getting Gape. 25c, 50c and \$1 postpaid. PEERLESS CHOLERA

336 GORDON STREET, ALLENTOWN, PENNSYLVANIA

RINGLET BARRED PLYMOUTH ROCKS

I now have more prizes at the leading shows of America than all others, which stamps their superior quality. I have the finest and largest lot of exhibition and breeding birds I ever owned. Eggs, \$4; two settings, \$7; three settings, \$9.50; four settings, \$12.

F. R. Green, One of the oldest breeders of Barred Rocks in the West; at it over 21 years; Lake City, Ia.

KAUFMANN & WINDHEIM'S ROSE COMB RHODE ISLAND REDS

Hold the world's show record and are known the world over as the great color strain. Eggs for hatching from noted winners.

Kaufmann & Windheim, Originators : : : Nutley, New Jersey

43 Varieties

Poultry, squab breeders, fancy pigeons, ducks, geese and eggs. Ornamental birds, wild game, pheasants, pea fowl and dogs. Cut price on Homers. Incubator supplies, etc., freight prepaid. Catalogue 2 cents.

Missouri Squab Co., Dept. R. St. Louis, Mo.

KING'S FAMOUS BARRED ROCKS AND S. C. W. LEGHORNS

Do you want strong healthy chicks? Fine style, large bodies and great layers have been the keynote of my success. I can furnish eggs promptly at \$2.50 per 13; \$4 per 26. G. M. King, R. R. 1, York, Pennsylvania

PINE RIDGE FARM

BUFF, BLACK, WHITE AND DIAMOND JUBILEE ORPINGTONS

Are the down-to-date, low set, blocky kind that are winning at the best shows in the country for us and our customers.

Eggs Half Price Balance of Season

Regular price, \$15, \$10, \$7.50, \$5, \$3 and \$2.50 per 15. Also have some bargains in this year's breeders. Send for mating sheet.

H. B. Prescott - Box 38 - Derry Village, New Hampshire

ONLYA FARM WH. WYANDOTTES

We have upwards of 1,000 promising young birds, some that will be fit for the early fall and winter shows. Inspection invited.

Onlya Farm, Morristown, New Jersey
Philip Kearney, Proprietor Chas. Staaff, Mgr.

Rose Comb R. I. Reds

Eggs at reduced prices for June and July. After June 1st we will sell a limited number of breeders at bargain prices. Send for our free mating list. Have you seen the "Origin and History" of R. I. Reds, also how to mate, breed and judge them? This can be had for 20c by writing



C. L. Buschmann, 4939 N. Meridian St., Indianapolis, Ind.

FARMER'S Modern Egg Crate

STRONG AND LIGHT

Easily carried absolutely protects eggs shipped by wagon, rail or automobile.

NO BREAKAGE

Tough jute carriers, each holds one dozen eggs.

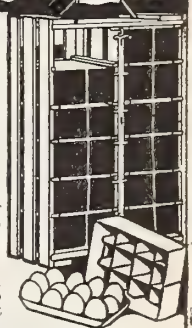
NO SHORTAGE

Patent automatic locking device, permits use of padlock, will last years.

ALL SIZES

Write for our booklet and prices. Liberal discounts to agents. Money back if not satisfied.

Star Egg Carrier & Tray Manufacturing Co.
100 Dallas Street - Rochester, New York



REDUCED PRICES

this month on eggs from my famous S. C. Black Minorcas; the great layers of large white eggs. Free mating list. Satisfaction guaranteed.

H. J. Shann - Painesville, Ohio

Barred P. Rocks

Eggs half price from best pens balance of season. Large portion of our breeders for sale at attractive prices.

G. Earl Hoover, Route 24, Matthews, Ind.

White Wyandottes...

Crown Prince Strain. 1st hen, Chicago, Dec., 1909. 1st pullet, Chicago, Dec., 1909.

Geo. F. Schmidt : Martinsville, Indiana

S. C. BUFF ORPINGTONS

1909 show record unequalled by any breeder. 4 firsts, Mo. state show; 4 firsts, Ill. state fair. Catalogue free.

L. H. Eldridge, Box A, Bradford, Illinois

COLUMBIAN and SIL. WYANDOTTES

We are now offering some of our this year's breeders at bargain prices. If you want something good write to J. F. VanAlstyne - Niverville, New York

S. C. BLACK and BUFF ORPINGTONS

All my prize-winning breeders are for sale after June 1st; also eggs at half price.

Tyler Crutenden : : Norwich, Conn.

S. C. BLACK & WHITE MINORCAS AND WHITE ORPINGTONS

Stock and eggs. Winners wherever shown. Write for prices, mention American Poultry Journal. : : :

G. B. Smith & Son, Box 454, No. Baltimore, Ohio

WHITE PLY. ROCKS AND S. C. WHITE LEGHORNS

Large, vigorous, pure-white birds. Eggs \$2 per fifteen; guaranteed.

Hill Crest Poul. Farm, Eugene Luthringer, Totowa Borough, N. J.

White Ply. Rocks....

Best in Ohio. Send for handsome 1910 mating list. Eggs from all yards now half price.

S. M. Dickinson, Box C, Granville, Ohio

BUFF LEGHORNS

Eggs for sale from my New York, Orange, Red Bank and Rutherford winners. Lamson's old strain pure. Send for catalogue of my winnings. W. D. CAMPBELL, R. F. D. No. 1, Bloomfield, New Jersey.

S. C. R. I. Reds

Winners at all the leading shows. Send for mating list describing them.

Geo. L. Buell : Lorain, Ohio

ROSEMONT FARM

The home of America's foremost Brown Leghorn hen, "Queen of Missouri," and many other first and special prize winners. Catalogue free.

Elmer V. Shultz -> Webster Groves, Missouri

GOLDEN WYANDOTTES

The prize winning and egg laying kind. I have bred Golden for 14 years and you will get the benefit of this kind of breeding for they will breed right. LOREN H. BROWN, Lock Box 16, Lunenburg, Massachusetts.

EGGS :: EGGS

White Leghorns and White Rocks. The two best egg strains on earth. \$3 per 15. A good hatch guaranteed.

River View Poultry Farm : : Burlington, Iowa

Allee's White Langshans

First prize winners at Chicago, 1908-9. Grand breeders and show birds for sale. Mention A. P. J.

Thaddeus E. Allee, 1325 E. 55th St., Chicago, Ill.

S. & R. C. Reds

Winners at Youngstown and Cleveland. Eggs \$3 to \$15. W. Orpington eggs \$10, \$15. Stock for sale.

W. Etzensperger - Willoughby, Ohio

THE PRIMO FEED COMPANY, HARRISBURG, PA.

The manufacture of feed for domestic animals has become an immense business, carried on by large corporations, the purpose of which should be the employment of honest principles in the use of whole grains and their by-products properly compounded for the production of the desired results.

A short time ago the Pennsylvania Primo Feed Company, of Harrisburg, Pa., was incorporated under the laws of the state of Pennsylvania for the purpose of manufacturing feeds. Owing to the condition of the feed market in Pennsylvania, the demand for absolutely pure feeds was very apparent, and to help meet this demand the company was organized. It commenced operation in a very modest way. A small room was rented in which the feeds were prepared by mixing the proper proportions of raw materials by means of shovels. No refuse of little or no feeding value was utilized in compounding these Primo feeds.

At that time the company manufactured Golden Dairy Feed, Hercules Horse Feed, Matchless Egg Maker and Little Jewel Chick Feed. It was not long, however, before it was very apparent that better accommodations were needed, and a building was secured in which was installed such machinery as was necessary to secure an output of seven or eight tons per day. Owing to the fact that these feeds were free from any form of adulteration, their demand began to rapidly increase and in a few months the company purchased a building 60x100 feet and three stories high, situated along the main line of the Pennsylvania railroad. This building was equipped in such a manner as to enable the production of about twenty tons of feed per day, but even then in a comparatively short time it was impossible to fill all orders for Primo products, and the problem of increasing the capacity must be solved.

About eight months ago Prof. F. D. Fuller, chief of the cattle, food and grain investigation laboratory of the United States Department of Agriculture at Washington, resigned to accept the position of general manager and chemist of the Pennsylvania Primo Feed Company. Mr. Fuller at once employed the services of an expert millwright, L. E. Heiss, of Baltimore, Md., who is superintendent of the mill, and plans were prepared to remodel the plant so as to secure an output of 75 to 100 tons per day.

The board of directors gave the contract to furnish the necessary machinery to the Nordyke & Marmon Company, of Indianapolis, Ind. This work has been completed, resulting in a plant thoroughly equipped with the most modern time and labor-saving machinery on the market at the present time. For the purpose in which this plant will be used it is without any question the best equipped of any in the eastern part of the United States.

The company has installed a 145-horsepower Fleming engine, made in Harrisburg, which will run the machinery with the exception of the bag-closing machine, which will be operated by an electric motor. The plant is well located as far as railway facilities are concerned, and it expects in the near future to erect a much larger mill in

DO YOU WANT

to win with S. C. W. Leghorns and White Wyandottes? Then write us. Stock for sale.

Naumburg & Booth, 1532 W. Bancroft, Toledo, O.

REDUCTION

Barred Ply. Rock stock and eggs at less than half price after June 1st. Eggs from best pen, that contains all winning stock, only \$2 per 15.

S. N. Buss, Box 73, Panola, Illinois

Old Dominion Strain....

of Barred Ply. Rocks won 1st and 4th prizes at Washington, D. C., 1909.

Chas. C. Wine : : Mt. Sidney, Virginia

White & Col. Wyandottes

Eggs and birds for sale

A. G. Warner : New York Mills, N. Y.

NOTICE TO ALL....

Must sell our entire stock of prize winning ducks by June 15th, as our lease expires and we are unable to have same renewed. Write for prices on eggs, day-, week-, month- and year-old ducks. Also our own prize winners must go.

A. S. Wolf : : Chambersburg, Penna.



Potter Perch Support

Best on the market

25c pair, \$1.40 doz.

Send for our circulars

The Potter Mfg. Co.

Sound Beach, Conn.

Box 502

Big Incubator Yields

We want to send you, absolutely free, a copy of our famous "Reliable" Book on incubator yields. Tells all about eggs, poultry and incubators—the "Reliable" Incubators especially. Over 100 different subjects indexed. Our 23 years' incubator experience and this book should help you choose an incubator. Write for it. It's free.

Reliable Incubator & Brooder Co., Box C 1, Quincy, Ill.

The Buffalo Incubator

Made by

Chas. A. Cyphers

Has Made Good

THE Crystal Springs Poultry Co., Oil City, Pa., markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent of fertile eggs taken off this season—ninety-three per cent.

"We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world beater."—Patrick McEvoy, Mgr.

Send your order today. Prompt shipment guaranteed. State size wanted and enclose price with order. I guarantee the Buffalo in every way to be the best incubator ever offered at any price.

50-Egg, \$ 8.00	200-Egg, \$15.00
100-Egg, 11.00	300-Egg, 20.00
Indoor Brooder, \$7.00	Colony Brooder, \$10.00

Send for Descriptive Circular

CHAS. A. CYPHERS

President Buffalo Incubator Co.
4700 Ellicott Square, Buffalo, N. Y.

addition to the present one upon the ground now in its possession.

The Pennsylvania Primo Feed Company manufactures ten brands of feed for horses, mules, cattle, hogs, poultry and pigeons. Prof. Fuller, who has had wide experience as chemist for the state of Pennsylvania and the United States government, gives his undivided attention to this business, which facts of themselves insure absolute purity of the output and compounding of the ingredients along scientific lines. It is his purpose to use only the best ingredients in order to obtain an honest product and sell it for what it is really worth in feeding value after paying the necessary expense connected with its manufacture, being satisfied with a low margin of profit.

The officers of the Pennsylvania Primo Feed Company are as follows: W. J. Calder, president; Isaac Freed, vice-president; R. A. Carl, secretary and treasurer; Prof. F. D. Fuller, general manager-chemist.

H. P. Schwab.

ONE OF MICHIGAN'S BEST POULTRY FARMS.

For poultry raising Michigan is just gaining prominence as combining several natural features which go hand in hand toward making this state more popular every year as a place to establish a poultry farm. Among many of these desirable features is the high and dry gravel soil, which alone are essentials for growing poultry, and fruit of all kinds found in such climatic conditions are seen at their best. So it is not uncommon nowadays to find successful poultry plants in most any section of the state. One of the best farms to be found is just on the edge of the pretty little town of Galesburg, near Kalamazoo, and along the line of the famous third-rail electric railroad from Jackson to Kalamazoo, where you travel with every comfort a steam line furnishes as far as speed goes, anyway.

Just as you are about to enter Galesburg from the east you will discover by a glance from the car window to the right "Valley View Farm," owned by W. S. Kirby. Mr. Kirby was at one time a prominent horse breeder of the state, but late years his attention has been given entirely to poultry, and after trying out several standard breeds Mr. Kirby now keeps Buff, Black and White Orpingtons and Rhode Island Reds.

Some of the best quality of the land is found at Valley View Farm, as the best formulation stock possible to buy was used here. With careful and intelligent effort the stock has been brought up to a very high degree of merit, and when the writer visited the farm a short time since it was an agreeable surprise to see such large numbers of real good birds. One special pen of Reds was remarkable for uniform coloring and shape, and were it possible to enumerate the many good Orpingtons seen there it would take a page or two to say all that could be said.

Blacks of mammoth size with good shape, with color as good as possible to find, and Buffs of equal quality in every way. Last season Valley View Farm exhibited at several of Michigan's local shows and in every instance won a large share of prizes. We look forward in the near future to seeing this farm one of the first in the land, and without any question in our mind

customers who send money to "Valley View Farm" gets their value and a little over besides. W. E. Stanfield.

GROVE HILL POULTRY YARDS IN LINE WITH REDUCED PRICE ON EGGS.

We have just received a letter from A. C. Smith, manager of the Grove Hill Poultry Yards, Waltham, Mass., in which he informs us that they will reduce the price of their eggs for the balance of the season. This is the first time Grove Hill has reduced its price on eggs, and affords the breeders an opportunity that they will not be backward in accepting—the advantage is with them. In his letter Mr. Smith says: "The quality of our matings has even been improved since you were here, as a few of the females that did not hold their plumage have been eliminated and our pens are now down to four or five females each. We do not select any one female in these yards for ourselves, but give our customers the benefit of them just as they are." To this we would add that we described these matings in our May issue. They are undoubtedly the best Grove Hill ever had, and when we consider their show record with this it is saying a great deal. No matter what their price is, their goods are worth it; and we consider that in this reduction sale the buyer is to be congratulated, for we have often seen the results of their quality. Several of their New York winners have been hatched in June, similar to others elsewhere mentioned. H. P. Schwab.

STANDARD HATCHERY ASSIGNS.

Just as we are going to press we received notice that the Standard Hatchery, Attica, Ohio, has made an assignment for the benefit of the creditors. All those having claims against the Standard Hatchery should at once file their claim with Roy C. Carpenter, Attica, Ohio, who has been appointed assignee.

Question: What is the cause of last year's S. C. Brown Leghorn hens being baldheaded. They are laying nicely without a male being with them, and I fumigate the roosting apartment (8x10x8 feet) with 5 pounds sulphur. They are also clean of lice. I have 20 of them and about six are bald, some more than others. F. G. R.

Morton Park, Ill.

Answer: This is caused by what is known as the depluming mite. Frequent applications of sulphur ointment or lard and sulphur will remedy the trouble.

Hens Produce Honest Eggs



GEO. H. LEE CO., 1101 Harney Street, Omaha, Neb.

Geo. H. Lee produces honest incubators and brooders. His 1910 Mandy Lee Incubator removes guesswork from hatching. The poultry raising industry has greater possibilities than ever before. It's profitable on small or large scale. Experience not necessary—just follow directions. Lee's "Chicken Talk" is a book written by Mr. Lee, himself. He wants you to have a copy, and his 1910 Incubator and Brooder catalog. Both FREE. Write to-day.

ATLAS PORTLAND CEMENT

Makes The Best Concrete

MAKE YOUR HENS LAY

PRICE PER 100 LBS.



Beef Scraps	\$2.75
Meat and Bone	2.25
Ground Bone	2.25
Alfalfa Clover Meal	1.50
Chemically Pure Charcoal	1.50
Broken Oyster Shells	.65
Mica Crystal Grit	.65
Pearl Grit	.60

J. G. HERMANN & CO., Indianapolis, Ind.

ANYBODY CAN HATCH CHICKENS WITH A BUCKEYE INCUBATOR \$5



Simple, self-regulating, complete—the only incubator sold on 40 day free trial with money back in case of failure. 10,000 sold last season, and not one returned. 100,000 in use. Send for books telling how Buckeye owners got 51 chicks for 50 eggs, and "Making Money the Buckeye Way." Both are free to you.

Buckeye Incubator Co., 1313 Innisfallen Ave. Springfield, O.

This Big Poultry Book FREE



This book is free but it's worth many a dollar to the man who wants to know poultry, who does know poultry and how to get the best results for the least expenditure.

The priceless experience of the biggest poultry farm in the world is right between the covers of this great big, liberally illustrated, newsy volume.

All the right things we did, are doing, and which you ought to follow, are explained. It cost us \$5000 in printers' material to be able to give you your copy.

LAKEWOOD FARMS PRODUCTS COMPANY
67 Barclay Street : : New York, N. Y.



CHOICE VIRGINIA FARMS
Along Chesapeake & Ohio Ry. as low as \$10.00 per acre. Send for illustrated booklet, "COUNTRY LIFE IN VIRGINIA," it describes the mild climate, all-year farming, dairying, poultry and stock raising, nearby Eastern markets, schools, etc., and why land is now so cheap. Low twice-a-month excursion rates. G. B. WALL, REAL ESTATE AGT., C. & O. RY., Box N Richmond, Va.



RIPPLEY'S FLY REMOVER & LICE-KILLER

Saved One Customer \$75 that used it on 5 Cows 90 days in increased flow of milk. It protects all cattle and horses from flies, lice and insects all day in pasture or barn. Has stood a 10-Year Test. Non-poisonous, fine disinfectant. Cows sprayed with it give 1-3 more milk, at a cost of 1/2 cent per day.

We Return Money if it fails to protect animals. Prices—send \$1.00 for enough, and sprayer to apply it, to protect 3 cows 90 days; 5 gallons, \$4.25, to protect 5 cows 90 days; 10 gallon, \$8.00, protects 10 cows 90 days; 1/2 bbl., 30 gallons, \$20.00; 50-gallon bbl., \$30.00. 4-gallon Automatic Sprayer, will spray 25 cows in 10 minutes, or whitewash buildings, \$5.00. Booklet free of Fly Remover, Whitewashers, Sprayers, Cookers, etc.

RIPPLEY MFG. CO.,

Dept. 27, CRAFTON, ILL.

Hanlon's Buff Leghorns & Black Orpingtons

Produces the winners. A few extra choice Black Orpington cockerels for sale. Eggs, best pens, \$5 per 13; \$9 per 26. Philip Hanlon, Jr., Watertown, New York

S. C. W. Orpingtons

Winners New York, 1909; Cleveland, 1910. Send for mating list. Eggs half price after June 1.

Harold L. Purvis, Box 31, Butler, Penna.

White and Buff Orpingtons and S. C. White Leghorns

Winners at Ohio and Indiana State Fairs. A few choice cockerels and eggs for sale.

J. Frank Mahan, 924 Boone Street, Piqua, Ohio

S. C. W. Leghorns and White Wyandottes

Whitecrest Strain. For the 3d time our birds won the silver cup for best display at the Cleveland show; 1908-9-10. Eggs \$2, \$3, \$5 per 15. Circular free. H. C. & C. W. SEXT, Box 42, West Park, Ohio.

EGGS

Our Mammoth Pekin Duck eggs, \$3, \$2.50 and \$1.50 per 11, or \$8 per 100. Orpingtons at \$3 per setting. Can fill your orders for day-old S. C. W. Leghorn chicks at \$12.50 per 100 in any size lots. C. C. HERRON, Hope, Indiana

White Rocks and R. C. W. Leghorns

Farm raised. Eggs \$1 per 15; \$3 per 50; \$5 per 100. Also choice breeders at living prices. Satisfaction.

E. H. Reichert : : Virden, Illinois

S. C. BROWN LEGHORNS

Winners at Iowa State Fair, Cedar Rapids and Chicago. Eggs \$1.50 per setting. Breeding stock for sale at bargain prices after June 1. A. E. BANTA, Box 23, Wheatland, Iowa.

R. & S. C. Reds

They always win. Eggs \$3 and \$5 per 15. Some choice stock for sale. Satisfaction guaranteed.

Wm. H. Klug 895 Seyburn Avenue Detroit, Michigan

Buff Rocks, Buff Wyandottes and Buff Orpingtons

Winners at the largest shows. Stock sent on approval, score cards furnished. Eggs \$2.50 and \$3 per fifteen.

Fred A. Poertner, Buff Specialist, Berea, O.

One-Half Price!

Balance of season. Eggs from Imperial Poul. Farm's Buff, Black and White Orpingtons. Free mating list. Imperial Poultry Farm, Chas. C. Miller, Prop., Atlanta, Illinois

Columbian Wyandottes

— Eggs for hatching. Send for mating list. —

C. L. Patterson, R. 33, Box 1, Barborton, O.

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. W. A. KAIN & SON, Ashtabula, Ohio.

S. C. R. I. Reds

Large size, good shape and color, from hen raised stock. Eggs \$2 per 15 straight.

Elmer G. Dean : Morganville, New Jersey

The Original Barred Cuckoo Wyandottes

Eggs \$5 per 13. Ringlet Barred Rock eggs \$2.50 per 13; \$5 per 30.

E. L. Geisel, Prop., Originator, Morganville, New Jersey

KING BROS.

Largest breeders in the northwest of the world renowned "Ringlet" strain Barred P. Rocks. Our prices are right and we positively guarantee satisfaction.

King Bros. - Oshkosh, Wisconsin

White Cornish

That are white and will win in any show. Some of the best stock that can be had in this country for sale at live and let live prices. Member American Cornish Club.

C. A. BARNUM
820 Rohns Ave. : Detroit, Mich.



QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.



Question: (1) Which are the best utility chickens, the Buff Orpington, Rhode Island Reds, Barred Plymouth Rocks, Silver, Golden, White or Buff Wyandottes, or the Black Langshans? (2) Which is the best breed from above variety for a yard breeder?

Waterville, Kas.

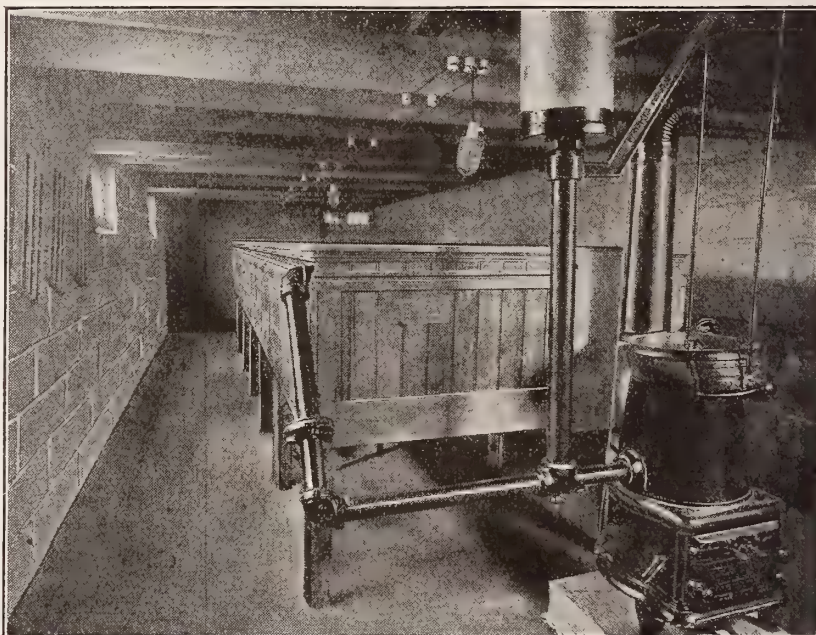
B. E. A.

Answer: (1) Any one of these varieties will give you satisfaction as a utility fowl. We never recommend one above another, as it is merely a matter of opinion as to which is best. (2) The same answer as given to question 1 holds good in this case.

Question: (1) What can I do for chicks from one to four weeks old? Vents will cake dry, and we loose from

add a little powdered cinnamon. (2) This is caused by a lack of animal food. Give a little fresh meat chopped fine and also give them small seeds in scratching material to keep them busy. (3) This hen is evidently suffering with a diseased liver. See Poultry Doctor for treatment of this disease. Price 50 cents, for sale by us. Improper feeding has caused the trouble in your little chicks. Bathe the parts with warm water, to which has been added a little witchhazel. Supply your little chicks with plenty of small, sharp grit.

Question: Will you please give me information as to the following: "A" hatches ten White Leghorn pullets (thoroughbred), which start laying



A 3,600-egg Hall Mammoth Incubator on Kenotin Farm, Washington Mills, N. Y.

four to six a day. (2) What is the cause of little chicks picking each others' toes. They will pick the toes almost off, then chick will only live about twelve hours. We give them meat scraps quite often. (3) Have a hen that mopes around and don't eat much; comb is very red, and droppings are soft and slimy; also have chick about eight weeks old that has something like piles and a white discharge. Sawtelle, Cal.

J. H. B.

Answer: (1) This condition is brought about by diarrhoea, which is caused by improper feeding or lice. Wash the parts with warm water, and after removing the accumulation dry and apply a little vaseline. Give boiled milk to drink and boiled rice to eat, to which

when four months and twenty-five days old, and continue to lay daily.

"B" hatches fourteen White Leghorn pullets from the same stock, which are one month younger than those of "A." "B's" pullets are now six months old and have not yet laid. What caused the pullets of "A" to lay so soon, and is it not risking a chance to force chickens to lay so soon? "B" feeds his Leghorns "Corno" for breakfast, moistened bran with a sprinkling of "Pratt's Food" for dinner; also green food and "Corno" for night. "A" hopper fed with three sections, each containing charcoal, dry bran and a mixture of lime and oyster shells is before them all the time; also cool, clean water. Whose chickens are doing

Fluffy Ruffles Strain

Finest specimens of Barred Rocks ever produced. Circular free. A continuous record of winnings since 1894.

Welleslee Farm Poul. Yds., C. H. Welles, Bx. A, Stratford, Conn

S. L. Wyandottes

WE LEAD, OTHERS FOLLOW. Eggs from the grandest matings at \$3 per 15.

Wertzberger Bros., Care Merchants Hotel, Altoona, Penna.

the best? The pullets of "A" are twice as large as those of "B," "B's" Leghorns are in good health with yellow legs, bright red combs and a plumage as white as chalk; never been lousy or sick. "A" has trouble with lice.

I am desirous of finding out why the pullets of "A" started laying so soon, and why haven't those of "B" started laying? "A's" were hatched in October and "B's" in November.

Warrington, Fla.

C. E. W.

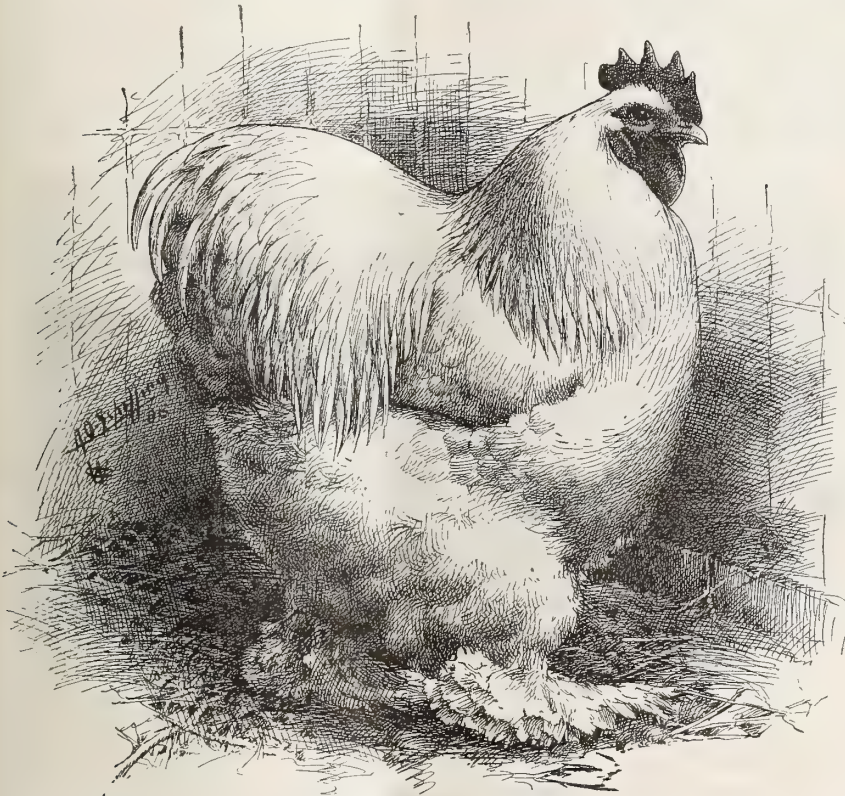
Answer: Results are what count in any business, and if "A's" system of feed and care caused his pullets to lay at four months, it is very evident that his system was the best. It is not always advisable to force chicks to lay too early unless they are well matured; but "A's" system no doubt brought his pullets to maturity quicker than

and how? (8) I have a roosting coop 10x16 and a scratching shed 10x16 for winter and two runs of about 1,000 square feet each which I use alternately each week in summer. How many hens can I keep without crowding in winter or in summer?

A. M.

Iron Belt, Wis.

Answer: (1) Space will not permit us to answer this question the way it should be. Our book, "Why Poultry Pays and How to Make It Pay," explains line-breeding in detail. Price, 50 cents. (2) Alfalfa meal is a good substitute in the winter for green food. Two quarts to fifty hens three or four times a week is sufficient. (3) Better results are obtained when the wheat is fed dry. (4) They are both good, and it is sometimes necessary to use both. (5) It probably will. (6) For laying hens and growing chicks. This



WHITE COCHIN COCK.

First at Madison Square Garden, New York, 1910. Owned by J. B. Cornish, Jr., Washington, N. J.

"B's." This also demonstrates that hopper feeding is all its advocates claim for it.

Question: (1) What is the difference between line breeding and inbreeding, and the result of each? (2) Will alfalfa clover meal take the place of green food, and about how much should be fed to fifty laying hens? (3) If I pour warm water on wheat and let it stand for twenty-four hours it will be sprouted. Is this good for chickens or is it too sour? (4) Which do you advise using for lice and mites, a powder or liquid lice killer? (5) I use crude carbolic acid for a disinfectant. Will it spoil eggs for hatching if they come in contact with it? (6) For what is beef scraps used, laying hens or to fatten for market, and about how much should be fed? (7) Can chickens be so mated that the majority of chicks hatched will be cockerels or pullets,

can be kept before the birds at all times so they can eat as much or as little as they desire. (7) No. (8) Twenty-five.

Question: What is the cause of crop-bound?

Mrs. J. N. S.

Memphis, Tenn.

Answer: This is usually caused by the fowls eating an abundance of indigestible material—most frequently long hay; but is sometimes caused by the passage from the crop becoming obstructed.

F. Gage Cutler, Carthage, Ill., the well-known breeder, is making a special sale this month, and it will pay you to look up his ad in this issue, as he is offering some wonderful bargains in Barred and White Rocks, White Wyandottes, Buff Orpingtons, Bronze and Bourbon Red Turkeys, Pekin and Indian Runner Ducks. See his ad for prices and particulars.



100% A YEAR For Twenty Years To Cow Owners

That's the marvelously good investment that nearly 1,200,000 satisfied users are finding the

DE LAVAL CREAM SEPARATOR

With one or more cows the corresponding size of DE LAVAL separator saves its cost the first year, in more and better product and less labor, and it may be depended upon to go on doing so for twenty years, as there are already thousands of instances to prove.

There's half this much saving in the use of a DE LAVAL over inferior separators, while other separators last but from six months to five years instead of twenty years. They lose half that might be saved while they do last.

That's the whole separator story in a "nut shell" and the reason for the now nearly universal sale of DE LAVAL cream separators.

A DE LAVAL catalogue may be had for the asking. Likewise the trial of a DE LAVAL machine.

The De Laval Separator Co.

165-167 BROADWAY NEW YORK	173-177 WILLIAM ST. MONTREAL
42 E. MADISON ST. CHICAGO	14 & 16 PRINCE ST. WINNIPEG
DRUMM & SACRAMENTO STS SAN FRANCISCO	1016 WESTERN AVE. SEATTLE

SILVER LACED WYANDOTTES TRUE WYANDOTTE SHAPE STANDARD SIZE & WEIGHT

FINE LACING IN ALL SECTIONS
ESPECIALLY STRONG IN LACED WING BAR

HENRY STEINMESCH

Eggs, \$3.00 for 15.

St. Louis, Mo.

LETTERS from our SUBSCRIBERS



Editor American Poultry Journal.

Dear Sir: Answering your request for reports on open and cloth front poultry house, we give you our experience as below:

Our poultry house is 100 feet long, 14 feet wide, shed roof. Front facing south, 9 feet high, back wall 6 feet high.

It is near top of a hill and the back is built into the bank, leaving about 3 feet above the bank.

The house has a partition every ten feet, making ten houses.

The front of each house has a curtain 6x6½ feet, of common unbleached muslin. In the rear of building is an alley three feet in width, boarded up for four feet. In front of the boarding are the nests, on ground level; dropping boards above, with roosts 2x2, with rounded edges, above dropping boards and hinged so they can be raised when cleaning platforms. The ends, roof and back of house are covered with two-ply roofing. Dirt floor, as the drainage is perfect and the soil is gravel.

As you probably know, the winters here are not long. Still, we have fairly extreme weather in January. In January, 1909, three days about 20 below. January 1910, nothing lower than 10 below, but two weeks about the zero mark and two or three nights about 10 below.

We expected to use curtains in front of roosts, but in the weather as above did not find it necessary.

At no time has there been a sign of a frosted comb, and the birds have been entirely free from colds.

We have a good winter production of eggs and are firm believers in the muslin fronts.

Have had no experience with open fronts. The Wyandotte Ranch, Spokane, Wash.

Editor American Poultry Journal.

Dear Sir: In regard to the open front house, will say I have used same for a number of years and find them far better than the old style. I breed Buff and Barred Plymouth Rocks and Buff Orpingtons, and use open-front breeding houses, and I have some of the finest stock it has ever been my good fortune to see. I never have a sick bird, and they are regular "egg machines." They meet me

at the door with a song every morning and all day long they scratch and hustle. By night the egg basket is heaping. My young stock is growing like weeds! I use the open front with them and they are so fine and vigorous it is a joy to see them. They have the range of a cherry orchard and they are always on the move. I will have some beauties for sale this fall, of each breed. My Buffs are buff, and no mistake, and the Barred Rocks are certainly grand. I attribute my success in a great measure to the fresh air. After my young stock is three



CURTAIN FRONT HOUSES.

weeks old I put them in the open-front house built expressly for them. I do not use the heated brooder, as it in my estimation is not nearly so good as the lampless, and I have used both. We have had a very backward spring, but I have now nearly 500 chicks, all doing well, and I think their great vigor and size is owing to the parent stock being in such excellent condition.

H. L. Ragsdall.

Centralia, Ill.

Editor American Poultry Journal.

Dear Sir: In your April number you ask for articles on the curtain front house. I send you herewith a photograph of the style of house I have been

using for several years and they have given perfect satisfaction. My houses are 12 feet long and 10 feet wide, with a shed roof 7 feet high in front and 5 feet high at the back, these houses all face the south. The door is in the east side, the sides and roof are made of 12-inch lumber with all the cracks covered with thin strips. The roofs on most of my house are covered with rubberoid roofing, which gives good satisfaction if the boards are laid close together. Now in regard to the front I put one 12-inch board across the bottom, one 2 by 4 up and down in the center and one crosswise, I cover the whole front with wire netting and over the lower half I hang a curtain of burlap 3 feet wide and 12 feet long, with a 1 by 4 strip nailed to the bottom so it can be rolled up to the center and tied. The upper half of the front is inclosed by one long or two short doors which are hung on hinges at the top, when I wish to open them I just hook them up to the roof on the inside, and by rolling the curtain up at the same time I have the whole front of the house open. That is the way I use it in summer except in

case of a storm. In winter I always open the doors in the upper half of the front and let the sunshine in as much as possible. The bright light and sun inside of my poultry houses is worth more to me than all the lice powder there is. There are no dark corners in this house and I regulate the front to compare with the weather. There is a dropping board 4 feet wide and three 2 by 4 roosts, which are hung by wires to the roof and each roost is hung directly over the crack in the dropping board, the droppings fall in the center of the boards, causing them to warp up, which makes the boards easy to clean with a hoe. The dropping boards are about 3 feet high and the roosts 1 foot above

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

ARISTOCRATS

June HALF-PRICE Sale of these world famous, royally magnificent Barred Plymouth Rocks. Send for SPECIAL SALE LIST. This is a GUARANTEED, genuine bargain sale at half price and even less than half price. Write today and be convinced.

W. D. Holterman, Fancier : Box 2 : Fort Wayne, Indiana

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

S. C. R. I. Red Eggs

After June 1st, \$1.25 per 15; \$3 per 45; \$5 per 100. As good as the best. Satisfaction guaranteed. Please mention this paper.

Hopedale Farm Poultry Yards
R. M. Stafford, Prop. : : : Chardon, Ohio

that, with the nest boxes underneath the dropping board. This house is plenty large enough for fifty Leghorns, and I have never had a case of roup in one of these houses. The temperature went as low as 23 below several times last winter and there were no combs frosted while the fowls were kept inside. I know that hens will lay well in these houses, for I got eggs all winter and 50 cents a dozen for them.

White Leghorn Poultry Farm.
Twin Falls, Ida.

Editor American Poultry Journal.

Dear Sir: I would like to suggest to those who find yellow corn affects the color of white or black fowls that rice is as good a feed as corn in every way, will not affect the color in the way of making white fowls brassy nor black fowls purple.

In addition rice is free from the mold that attacks corn and results in so much disease.

Rice is a completer food than corn and in every way to be preferred.

As a forcing food it is the best I know of.

I am now feeding absolutely no corn,



Cuckoo Wyandotte pullet from first pen Madison Square Garden, 1910. Bred and owned by E. L. Geisel, Morganville, N. J.

but I am feeding a great deal of rice, and shall continue to feed broken rice to growing chicks and the whole rice with the paddy on, or rough rice as it is called, to the grown fowls, or those fowls big enough to eat the rough rice.

For net results I regard rice as the cheapest as well as the best feed obtainable.

Milton W. Brown,
Station L, Cincinnati, O.

Editor American Poultry Journal.

Dear Sir: I notice in your last issue that your eastern representative has first Indianapolis S. C. B. Minorca hen 1909 located in the yards of a prominent breeder in New Jersey. This is clearly a mistake, as I have the first hens of 1908, 1909 and 1910. At Indianapolis, 1909, I won first, third and fifth on these entries, and in 1910 first and second on two entries. This has been a very successful season with me and I have now all the orders for eggs and stock that I care to fill.

E. E. Wilson.
Indianapolis, Ind.

Editor American Poultry Journal.

Dear Sir: In the May issue of the American Poultry Journal I noticed in the Questions and Answers Department



Robert H. Essex

Earth—on the green grass if possible; let them hunt up bugs, worms and flies. If the weather is dry or insects few, get **MODEL NUTRINE CHICK SALTS**, which fulfills every need for animal and mineral food; builds bone, sinews and produces feathers. **Nutrine Salts** by aiding digestion, prevents diarrhea and "going light" in chicks. These Salts are not a purgative, but a tissue builder, and a wonderfully effective food-salt. Costs five cents a week for fifty chicks. A dollar or so spent now on **Lice Dust** that is really good, **Lice Spray** that is really effective, is the best investment you can make. Start your chicks right and see that you get the best goods for your money. **Model Supplies are Superior.** See list below.

Model Incubators, Brooders and All Kinds of Poultry Supplies

IF YOU USE CARE in choosing your supplies, you not only save money, but save chicks. Let your **Food Holders** and **Wall Founts** be of good, heavy galvanized iron and well made, especially when they cost no more than the low-grade kind; and above all, be sure to Get a **Brooder That Broods**—one that can be depended on to hold an even temperature and to keep your chicks warm; a brooder that provides healthful, fresh atmosphere. **MODEL BROODERS** are so constructed that nothing is left to chance. Yet they are reasonable in price. I you know how many chicks are saved by their use, and how well the chicks thrive in them, you would use no other. Our free catalogue tells you all about the different sizes, from our \$6.00 **Portable Hover** to our **Unequalled Model Colony Brooder** at \$15.00—the cheapest, the best on earth for raising chicks. **Model Incubators** are equally well made. They are used by **Successful Poultry Keepers**, **Experiment Stations** and **Big Poultry and Duck Farms**.

IF YOUR DEALER CANNOT SUPPLY YOUR NEEDS, BUY DIRECT FROM OUR FACTORY AND LABORATORY

Incubators
Brooders
Thermometers
Thermostats
Egg Testers
Lamps
Burners
Colony Coops
Brood Coops
Chick Shelters
Drinking Founts
Wall Founts
Water Cups
Food Hoppers
Grit Boxes
Food Troughs

Lice Spray
Lice Dust
Head-Lice Killer
Scaly Leg Salve
Sulphur Candles
Disinfectants
Cholera Cure
Fly Driver
Charcoal
Chick Markers
Leg Bands
Spray Pumps
Nest Eggs
Chick Salts
Egg Maker
Roup Cure

Write to-day for our new price list and poultry book containing valuable chapters on poultry raising and illustrating and describing our complete list of poultry supplies. We want Poultry Keeper Agents. Write for terms. Address

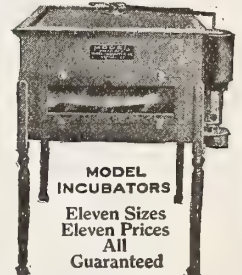
MODEL INCUBATOR COMPANY

(Robert H. Essex, President)

TERRACE AND HENRY STS. BUFFALO, N. Y.



MODEL BROODERS
Six Sizes, Six Prices



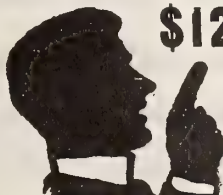
MODEL INCUBATORS
Eleven Sizes
Eleven Prices
All Guaranteed



Protect Your Feed

Use the **Norwich Automatic Feeder and Exerciser**. Guaranteed absolutely rat, sparrow and weather proof. Positively the only practical automatic feeder on the market. Used and recommended by leading poultrymen everywhere. Will not get out of order and will last a life time. Feeds any kind or mixture of dry grain. Stock, young or old, will always secure the right amount. Increases eggs, saves one-fourth of your feed, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Send for our booklet explaining our wonderful 30 days' free trial offer. It's free. We will also mail our **Barred Rock**, or our **Light Brahma** catalogue for 10c in silver or stamps. State which breed you want. Address

River Home Poultry Yards Box B Perrysburg, Ohio



\$12,000 From Plain Poultry IN EIGHT YEARS!

No fake "Secrets," no humbug "System," no cooped fowls, but a **PRACTICAL, open-air BUSINESS METHOD** of making every hen pay a clear profit of over \$4.00 a year. **GRUNDY** Fireless Hatcheries and Brooders, Vermin-Proof Coops, Food-Saving Feeders, Dirt-Proof Water Founts, Hen-Protecting Nests, Lice and Mite-Killers, Chick and Laying Hen Foods and everything you need. Better than any others and cost LESS THAN ONE-THIRD as much. See my free Booklet.

F. GRUNDY, Poultry Expert, -- Morrisonville, Illinois--

S. C. RHODE ISLAND RED EGGS

Special price for balance of season, from my very best pens, \$3 per sitting; 2 sittings, \$5. From all other pens, \$1.50 per sitting, \$8 per 100. Order direct from ad or write for circular.

Dr. Wilbur Dace : : Rushville, Illinois

WHITE WYANDOTTE EGGS

From stock that has a winning record at America's largest shows, such as Indianapolis, Pittsburg, Chicago, Springfield, Jamestown exhibition and others at \$5 per 15, \$9 per 30, \$13 for 50, \$25 per 100. We guarantee fertility.

Dippel & Pierce Office 114 North Delaware Street Indianapolis, Indiana

COLUMBIAN WYANDOTTES

10 cocks and 200 hens of high breeding quality for sale in any number. You will need these birds to get good quality and strong chicks next season. A fine lot of two weeks old chicks for sale at 50c each.

Aug. D. Arnold - Box 777, Dillsburg, Pennsylvania

BAR'D ROCK BARGAINS

Eggs one-half price. Breeding stock at prices that should cause you to take notice. If in need of high-class stock write me your wants. Circular free.

O. L. King - Route 9 - Rockford, Illinois

Little Red Hen Poultry Tonic

Formerly Called Fryer's Roup and Cholera Cure and Egg Producing Tonic

This liquid tonic has proven to be such a wonderful cure for so many diseases of chickens that we desire every one interested in raising poultry to know it. It will cure a severe case of Roup in three to five days. Cholera yields as quickly.

Limber Neck can not resist the powerful effects of the tonic. We recently learned of one flock afflicted with Limber Neck to the extent that six to ten hens were dying every day and after 160 fowls had died, the owner began using this wonderful tonic. The effect was noticeable at once. Five hens died the next day and thereafter the entire flock improved rapidly. White Diarrhoea, the "terrible," will disappear so soon as the presence of the Little Red Hen Tonic is known.

As a preventive this tonic is sure. It will aid in keeping the flock in a healthy condition, increases the production of eggs and improves their fertility. This tonic is prepared and shipped in quadruple or four times feeding strength. To one quart add three quarts of water.

One quart, \$1; three quarts, \$2.75; six quarts, \$5. Small bottle, 50c. We also have a 50c mailing size to send postpaid.

Wayne Poultry Tonic Co.

Dear Sirs:—A few weeks ago I purchased a bottle of "The Little Red Hen Poultry Tonic." I began feeding it and it soon proved itself a "Red Ripper" in regard to making my hens lay. It certainly is a great egg producer not to mention its properties as a tonic. I also feed it to my young chicks. The result is that I have not lost a single one.

Very truly yours,

Mrs. W. H. Noll.

Wayne, Poultry Tonic Co., Fort Wayne, Ind.

April 27, 1910.

I bought a bottle of your tonic in January. I had two desperate cases of Roup in my flock. Two hens were so bad I thought they were dead. Upon picking them up in the evening I saw some life and poured down a dose of your tonic. On the following morning they were out hunting for feed. It is by far the best poultry medicine I ever used.

Peter Trier, R. R. 14, Box 15.

Wayne Poultry Tonic Co., Fort Wayne, Ind.

S. C. RHODE ISLAND REDS

Blue Ribbon Strain. At Ashtabula, 1910, in hot competition I won first, second and third pullet, fourth cockerel, first cock, first and third hen and first pen. At Youngstown, 1910, I won first pullet and third hen. My first prize pullet easily won the color special on female and was the sensation of the show. A few cockerels and pullets left for sale. Am now booking eggs at \$2, \$3 and \$5 per fifteen. **Pheasants**—Will also spare a few settings of Ring Neck Pheasant eggs at \$2 per 15. A circular given free with each setting of eggs, telling how we care for and raise young Pheasants. Address all orders

O. O. Hausch & Son Member of American Rhode Island Red Club and also State Association Perry, Ohio

Single Comb White Leghorns and White Wyandottes---2000 Breeders

EGGS FOR HATCHING NOW READY from the finest stock I ever owned at \$5 per 100; \$50 per 1,000. No order too large. Baby chicks (Leghorns) \$10 per 100; (White Wyandottes) \$15 per 100. 20,000 hatched for spring delivery. Get your orders in early. Fourth edition of my book,

"PROFITS IN POULTRY KEEPING SOLVED"

just off the press, 25,000 copies, now reduced from \$5 to \$1 per copy, containing all my latest secrets. My great feed at 11 cents per bushel will make any plant pay. Do you expect to raise 95 per cent of all chicks hatched this season? If not, get my book and learn how. Send today for free circulars and testimonials. Address

Edgar Briggs

Box A

Pleasant Valley, New York

M. J. I., of Denver, Colo., asks about moisture in an incubator. As this seems to be of wide importance I desire to give my experience in this matter. I have a small machine with side trays for holding water. This spring I started it and used only the side trays for moisture. I had fifty-four eggs at the start and tested out five infertile eggs, giving me forty-nine. Out of the forty-nine twenty-three hatched out, the remainder being unable to break through. The breeder from whom I got my eggs told me it was owing to lack of moisture. I have my machine in the cellar. This breeder told me to use plenty of moisture and he loaned me a hygrometer and showed me how to use it. I made a second run and used two moisture pans underneath the egg tray in addition to the side trays. I changed the water every four or five days. I also sprinkled the eggs and several times dipped them in warm water. The result was that I got a good hatch. I am as yet an amateur, but I have soon learned that you can't get too much moisture. Of course, I am speaking of conditions as they exist here, the climate being very dry. I put the moisture pans in the machine from the start and the result was that the shells were in such condition that the chicks had no trouble in coming out. In fact, by the evening of the twenty-first day there was not an unhatched fertile egg in the machine, there being no holdovers for a day, as on my previous run. G. L. Houle.

Helena, Mont.

Editor American Poultry Journal.

Dear Sir: In the April number you ask for experiences with open-front poultry houses. I have no experience with them, but, like you, I want to know. In most of the descriptions of open-front houses that I have read, double walls are recommended and spaces between roof and ceiling packed with sawdust or some other material. What I want to know is why double walls? If the front is open, the double wall will be no warmer than a good tight single wall and is only an added expense. Have had good success with the old style poultry house with a single wall lined with black neponset, but would like to know more of the open-front plan from someone who has given it a practical test in this latitude. Have the Maine bulletin, but it talks of double walls and open-front. Again, why double walls? Trusting that some of your readers will be able to tell, I am

George Porter.

Carnegie, Pa.

THE KELLERSTRASS WAY OF MAKING MONEY OUT OF POULTRY

is the title of a page ad in this issue, which you should read. Then stop and consider your own best interests, and you are sure to decide that you want to follow the advice of one who has himself been successful.

Now don't you think that the "Secrets" and plans and advice which Mr. Kellerstrass has accumulated during thirty-six years is worth \$1 to you? Certainly it is, and many times \$1.

Well, then, get his book; you can't afford to be without it. Send today. Address Ernest Kellerstrass, 579 Westport road, Kansas City, Mo.

Kitselman Bros. sell fence less than any one—14¢ cents a rod up. Get their free catalog. See their ad in this paper.



THE KELLERSTRASS WAY of making money out of poultry is fully explained in my new book; every detail is gone into and I tell you how to proceed step by step.

I Tell You All My Secrets

and when you have read this book you will know just what I have done and how I did it, and by following my instructions you can make money, and you know I made

\$3,600 Net Profit From 30 Hens

in one season on a lot 24x40. I tell you how I did this. I also tell you how I raised the famous \$10,000 hen Peggy. How I raised the five chickens I sold Madam Paderewski for \$7,500. How I took a flock of chickens and made each hen lay \$68 worth of eggs in ten months. It tells all about broiler and egg plants. It tells you all this and 1,000 other useful things you ought to know.

There is an article in my book called "Two Years on Kellerstrass Poultry Farm," which explains just what we have done here in two years, and it is really

A Two-Years' Course in Successful Poultry Keeping

on the world's greatest poultry plant. Remember, this book is written by a man **who knows**; by a practical man who has produced the goods and made the poultry world sit up and take notice, and I now offer you

**ALL MY SECRETS
FOR \$1.00**

Any one of a thousand things I tell you in my book should be worth this amount to anyone who breeds or intends to breed poultry. **You can't afford to be without it. Send today!** Address

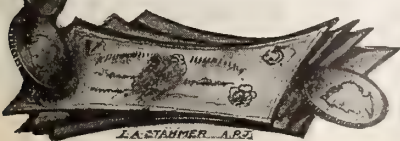
Ernest Kellerstrass, Publisher

579 Westport Road

Kansas City, Missouri

P. S.—This is my latest revised edition

**\$ 3600 00
PROFIT
IN 10 MONTH
FROM 30 HENS**



ORCHARD POULTRY FARM—ORCHARD BANTAM YARDS

THE LARGEST FARM IN THE EAST BREEDING ALL VARIETIES OF POULTRY, DUCKS, GEESE AND BANTAMS

We won more first and second prizes in the leading shows in New York, New Jersey, Pennsylvania, Maryland and Virginia than any other farm. Largest exhibit and greatest win at America's greatest fall exhibition, Hagersstown, 1909. At Williamsport, Pennsylvania's great A. P. A. show, we won five silver cups, grand medals and more cash prizes than any other farm. Exhibition and breeding birds for sale. Eggs, \$3 per 15; \$6 per 30; \$16 per 100. Our motto: "Quality, not quantity." State your wants in first letter.

S. G. Hoke & Son

Lock Box 2

Spring Forge, Pennsylvania

Adolph A. Anderson's Famous White Cochins

Having purchased the entire flock of these famous birds, with the good will from Mr. Anderson, I am in position to offer to the public this exceptional opportunity to those wishing to buy, as I have a few very fine birds that I am willing to dispose of. Also eggs from the prize matings which Mr. Anderson has made for the season. Those desiring further information, address

J. B. Cornish, Jr. : 150 Belvidere Ave. : Washington, N. J.

CALDWELL'S BABY CHICKS OF QUALITY



1. Are hatched from the finest utility and the choicest exhibition matings of Fishel's "Best in the World" Strain White Plymouth Rocks, possessing all of these grand blood lines in absolute purity.
2. Are incubated in a coal heated Cyphers Mammoth incubator with no death-dealing lamp fumes to poison the developing embryo.
3. Are carefully packed for shipment, full count and safe arrival is guaranteed.

That Will Mean Money For You Who Purchase, Because

strong, vigorous parent stock of such splendid ancestry, ideal incubation, correct shipping assure you sturdy stocky chicks of great vitality raised with the least effort and

They Mature into the Finest Utility and Exhibition Birds

Eggs for hatching from the same matings. Those wishing their own eggs hatched can have it done at reasonable prices. **White Wyandotte** chicks hatched from eggs bought direct from J. C. Fishel & Son. A number of other varieties can be furnished on order. Send for my handsome catalogue, it's free.

R. C. CALDWELL : BOX 1021 : LYNDON, ROSS COUNTY, OHIO

BRED TO LAY--BRED TO PAY--BRED FOR EXHIBITION S. C. WHITE LEGHORNS AND S. C. RHODE ISLAND REDS



Actual Photo of Our Reds on Range, Operating the Norwich Automatic Feeder

Eggs for Hatching :: Baby Chicks

Yearling stock for sale in both breeds.

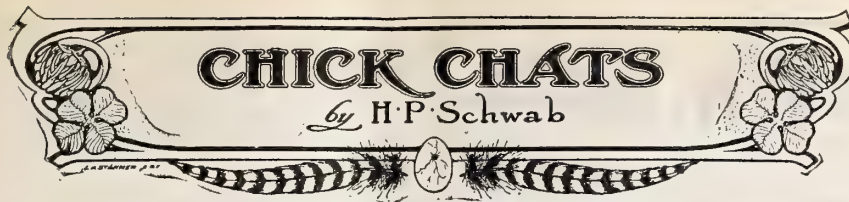
Buy now at reduced prices.

Leghorn cockerels, three months old, \$1 each.

Winners at Allentown, Trenton, Norristown and Philadelphia. All stock bred on range under ideal conditions.

By appointment we meet train or trolley for those interested in our breeds.

THE WINONA FARMS
Penna. State Agents for Norwich Automatic Exerciser and Feeder
BOX 272, LANSDALE, PENNSYLVANIA



This department is open to all readers and advertisers in the eastern territory and all are invited to send in all poultry news items that come to their attention. Address H. P. Schwab, eastern representative, Irondequoit, N. Y.

June, the month of Roses and Comets, if you get up at 3 a. m.

Special and reduced price sales of both stock and eggs are now the order. Look up your wants.

As many winter show winners have been hatched in June as in all other months combined.

The poultry associations are again hard at it preparing for next fall's and winter's shows. All records will again be broken.

How did you like our May edition? Guess that artist fellow is not getting out some original things, both in covers and birds.

Earlier and later dates should be considered by the poultry associations. November should prove one of the best show months. A good trial season.

February also should have more shows. Proper conditioning for this will only improve the birds for the trying times of the breeding season.

We hope to follow on with our articles on "The Possibilities of the Poultry Business" in our next. Our re-

cent visit to several of the largest plants has given more ammunition along these lines.

Cochin Bantams are universal favorites and the demand for these little beauties is ever on the increase. In Bufts, one of this country's best flocks is the Yellow Jacket Strain bred by the Elbridge Bantam Yards, Elbridge, N. Y. This line certainly has the true Cochin type with just the proper sound buff color, next to shape and color, head points and toe feathering count for much. We can recommend this strain, note their advertisement and write them your wants.

Now is the time to buy high-grade breeding stock at less than half their value, most of the breeders are now putting on special sales, it is to your advantage to note this, for you can now get stock at fair prices that no money could have bought two months ago.

Charlie Welles reports the best season he has ever had and says, "The demand for 'Fluffy Ruffles' line has broken all records and I am still very busy shipping eggs and hatching some myself. I have every confidence in my matings this year and again look for improved results." We believe he will also

make some little reduction in June egg orders.

Mr. C. F. Webster, Girard, Pa., will sell eggs during June at half price from his five choice matings of White Rocks. Mr. Webster breeds the Graves strain pure and has one of the best flocks we have seen this year. His prices are now \$1.50 and \$2.50 per setting. Get his mating list.

At this writing we haven't the results of the A. P. A. election, still we have the confidence in the breeders to believe that the country is still saved. Let's hope so.

These are busy days at every poultryman's home, and in particular must this be so at the plant of S. G. Hoke & Son, Spring Forge, Pa., with their 65 varieties of poultry, water-fowl and pigeons. Their quality is all they claim, and more, too.

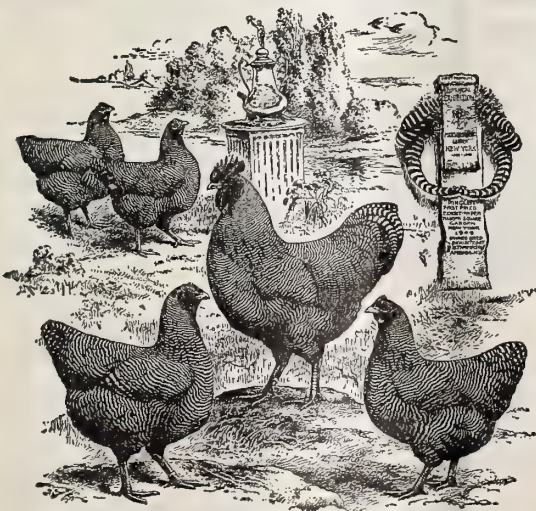
We note that Major Link Orr has again taken up the pencil. Some time ago we declared that renewed interest in poultry was evident, and we can now expect to get some good things between Drev and Link, if they get started right.

We have a letter from an Indiana breeder asking if we thought the comet would spoil eggs in incubation. We thought not, and trust his fears are over ere this.

The old favorite Silver-Laced Wyandotte, as bred by LeRoy W. Seigfried, Waterloo, N. Y., has proved one of the past season's sensations. On sixty entries he won fifty-six regular prizes and most as many specials at New York, Buffalo, Rochester, etc. This includes

"Ringlet" Bargain Sale

For 1910 is the Event in Barred Ply. Rocks



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

My Special Sale List is now ready for mailing, and I am glad to offer to the people all over the world the most striking price reductions and the most emphatic bargains ever set in type.

This is now the time to call upon the almost unlimited resources of my "Ringlet" Farm and secure New York Winners and Sons and Daughters of New York Winners and birds of this New York line of blood at the marked down bargain prices.

Birds bought at the prices in my Special Sale List will pay you extraordinary dividends

The list covers emphatic bargains in single birds, pairs, trios and breeding pens and lots to meet the needs of all, no matter whether wanted for fine breeding or exhibition in competition that you feel will be the strongest. They are mated by me personally; which insures the best results.

The "Ringlets" are the proud product of more than a quarter of a century of Barred Rock breeding; they have the most fashionable barring and even blue color of the present day. They sell when no others will by reason of their matchless quality. "Ringlets" are known in every land and play their part in the commerce of the world.

It will be to your interest to have this Special Sale List and take advantage of this opportunity to buy now at the cut down bargain prices. It is sound business judgement to buy what you want when offered for dollars less than it is worth---it is justice to yourself and economy. Whatever may be your wants in Barred Plymouth Rocks you will find it in my Special Sale List at Bargain Sale Figures. The List will be mailed promptly upon request.

Eggs from the World's Best Exhibition Matings. Elegant 58-page catalogue upon application.

SEE MY OTHER AD
ON BACK COVER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

Royal Columbian Ply. Rocks

We, the undersigned originators and breeders of the above strain, wish to take this opportunity to express our appreciation of the many orders and inquiries which we have so far received in this, our first year of advertising. We also wish to congratulate the publishers of the American Poultry Journal on the remarkable returns we have had from the ads placed with them. We are sold out so that our own breeding interests compel us to announce that we can sell no more stock or eggs till fall, but—

Look for Our Announcement Regarding Fall and Winter Stock

Green & Kaple

Lock Box 400

Elbridge, New York

Webster's White Rocks

Eggs at Half Price

For the balance of the season I will sell eggs from my best pens at \$1.50 and \$2.50 per fifteen. Mating list. They are pure Graves' Strain.

C. F. Webster : Box 99 : Girard, Pennsylvania

Wheeler's S. C. W. Leghorns

Winners at Boston, Buffalo, Baltimore, Etc.

PRICES REDUCED—For the balance of this season I will sell eggs at one-half the list price. 50 grand breeders and show birds for sale. Write me your wants and get my descriptive circular.

G. L. Wheeler & Son, Box 14, Penn Yan, New York

NONPAREIL Barred Plymouth Rocks

**Winners of Highest Awards at
America's Leading Shows**

EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

150 Choice Breeders for Sale

Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

Schwab Bros., Box 452, Irondequoit, N. Y.

first prize cockerel at Madison Square Garden, New York. We have handled this line and know their quality, which we can recommend. For June and July he will sell eggs at \$2 per 15. His mating list and other information for the asking.

* * *

The bee is like a man. All up
And down the world he beats it;
He gathers honey all his life—
Some other fellow eats it.

* * *

Sunny Side Farm, G. L. Wheeler & Son, Penn Yan, N. Y., have an unusually fine stock in S. C. White Leghorns bred from their Boston, Buffalo and Baltimore winners, we recently wrote them up, their birds have excellent size, full and well-finished tails. They also have reduced the price of their eggs for the balance of this season. They also have about forty very choice breeders for sale at very fair prices, quality considered.

* * *

There are fools of various sizes, but the biggest of all is the one who doesn't profit by the foolishness of the others.

* * *

His Honor the Mayor of Dearborn did find time to write us last week reporting fine business and nicely commenting on what we wrote of some eastern Buff Rock breeders. We want to see more of this feeling of good wishes displayed among the breeders. C. L. Pensyl, J. W. Poley and Sam L. Lapham are three of a kind and hard to beat.

* * *

Here is hoping that the Columbian Plymouth Rocks are admitted to the Standard. President D. M. Green and all the club officers are working to this end.

* * *

The one great secret in growing chicks is to keep them a-growing. Shady runs with plenty of shade and a good variety of food, and plenty of it will bring results.

* * *

Sometimes a stitch in time saves guying.

—o—

BOYS' NATIONAL POULTRY CLUB.

The third annual catalogue of the Boys' National Poultry Club will be issued shortly, and this opportunity is taken to invite all boy poultry and pigeon fanciers to join at once, so that their names may appear in the catalogue. Members in arrears please pay up promptly, as the names of those whose dues have expired will not appear, unless they renew. The annual dues, now 25 cents, will soon be raised to 50 cents. Applicants will please give name, age, address, and variety bred, and mention American Poultry Journal. We are soliciting ads for the catalogue at one dollar per inch.

The executive committee will probably adopt a new constitution, which will accomplish several needed reforms.

Mr. Gren H. Stiles has resigned the office of secretary-treasurer, which is a loss to his fellow members.

The writer is conducting a Boys' Department in "Poultry," which he trusts all members will read, especially the May issue, which is rather important. For a copy of last year's catalogue, or any information, address

E. Lawton Moore, J.,
Secretary-Treasurer,
Wyncote, Pa.

GOOD TO KNOW

by C.W. Zimmer

This department is open to all readers and advertisers in the central territory and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, central representative, Ft. Wayne, Ind.

To My Friends and Advertisers: Owing to illness which confined me to my bed at home I was unable to take care of anyone last month. I am now quite well again and ready to take care of you. Let me hear from you. Wishing you an abundant crop of little chicks, which will develop many prize winners, I am, respectfully,
C. W. Zimmer.

Many breeders offer eggs at half price this month. Better take advantage of this reduction.

It is not yet too late to hatch some chicks which, with a little extra care in providing shade, cool water and freedom from lice, will yet have time to develop into prize winners for the January shows. We always raise some late chicks. Don't try too many; just a few. Only one can win first place, you know.

Do you know that J. G. Budde & Co., Oak Park, Ill., purchased all of the Red Raven Reds of C. W. Zimmer and that they are offering you special prices this month? See ad on inside of front cover.

Have you looked carefully for lice and mites in your coops containing your young chicks? Remember, lice are like a thief in the night. They steal the

lifeblood out of their little bodies and they can't grow into prize-winners. Do you know about "Dustyne"? It works wonders in freeing your chicks from lice. If not, send for booklet. Poultry Dust Bath Co., Box M, Whiting, Ind.

Have you read about the fine prize winning White Orpingtons and White Wyandottes bred by F. D. Sutton, 68 St. Louis avenue, Youngstown, Ohio? He is offering eggs from his fine specimens at half price; also some of his breeders very reasonable.

If you want White Wyandotte eggs from a strain that have won at all our national shows at half price, write George M. Kline, box 64, Downers Grove, Ill.

Blue Boy Barred Rock eggs are now offered you at half price. See ad of Wm. H. Hoover, Route 2, Box 4, Polo, Ill.

Practical Reds is the name given to his strain by Mr. A. G. Clark, owner of Ridge View Farm, Willoughby, O. Mr. Clark has intensified the practical or utility qualities in his strain and he certainly has the longest bodied flock of Reds the writer ever saw. See ad in this issue.

We Lead, Others Follow.

We are pleased to know Mr. Irving A. Sibley, of South Bend, Ind., the well-known breeder of Rose Comb Red, is a candidate for president of the Rhode Island Red Club of America. Mr. Sibley is a successful business man of South Bend, being identified with many of its largest business enterprises, and is recognized as a man of exceptional business ability. That he would make a good president for the club is a settled fact. That Mr. Sibley is a Rhode Island Red enthusiast is also well known by all who have ever talked to Mr. Sibley during the last several years during which time Mr. Sibley has bred some remarkably perfect specimens, which he has exhibited at our prominent shows, always winning a goodly share of the ribbons. Here's success to Sibley.

We are pleased to learn that Mr. P. A. Cook is recovering from the injuries received from a fall in his airship. Mr. Cook is a daring aviator, having made thirty-one successful flights. He then removed part of the steering apparatus thinking to increase the speed, the result being he could not control the machine and received a fall which fortunately was not a very great distance and Mr. Cook escaped with some broken toes, two sprained ankles, a sprained back and many bruises, from which he is now recovering. Mr. Cook is of the well-known firm of Wm. Cook & Sons, originators of all Orpingtons, Scotch Plains, N. J.

One of the neatest and most up-to-date catalogs issued this season is the one put out by Ellis S. Shelly, Williamsburg, Pa. But this is only another evidence of what Rhode Island Red breeders are doing to keep this popular variety before the public at all times. Better send for a copy of this catalog and mention American Poultry Journal.



NO SPECIAL SALE LIST THIS SEASON

but I have a few splendid bargains to offer you in the way of SELECTED BREEDERS, EXHIBITION BIRDS and UTILITY FLOCKS. Write me your wants please and I will name you SPECIAL PRICES.

U. R. FISHEL'S WHITE PLYMOUTH ROCKS

are better than ever. There is no breed to compare with them as egg producers, while as prize winners they stand in a class by themselves. No wonder they are conceded the world over to be "THE BEST IN THE WORLD." Send TWO DIMES for 56-page catalog; worth dollars to any one. Eggs half price now: \$4, 15; \$7, 30; \$12, 60.

U. R. FISHEL : BOX A : HOPE, IND.

BUFF, BLACK & WHITE ORPINGTONS

Coleman bred and sold six Orpingtons that won 5 first and 4 second prizes at Madison Square Garden, Boston and Chicago in one season. An unapproached record. Write for free literature. Special sale of breeding stock now on Imported Orpington Yards : Joe Coleman, Licensed Orpington Judge, Manager : Lexington, Ohio

Buff and Black Orpingtons and S. C. and R. C. Reds

Positively the GREATEST BARGAINS ever offered in the above varieties. Our show birds and grand breeders now half price to clean up quickly and make room for our 1000 head of young stock. All eggs half price. If you in end buying any of above varieties you make a mistake if you don't write us today.

Craig & Mapes, Box 4, Mt. Lebanon, Pa.

Carter's Barred Rocks

Excelsior Strain—Carter's Excelsior Barred Rocks lead in the combination of show room qualities and practical results. The males and females in my breeding pens this season will score 91-93%. They are mated to produce high class exhibition birds. For the egg trade I have four pens mated to produce exhibition pullets of the right color, shape and size. Also three pens mated to produce high class exhibition cockerels. When desired, will divide and fill egg orders part from each mating. One setting, \$4; two, \$7; three, \$9. A few choice cockerels for sale. Extra values at \$6 to \$15 each. Some crackerjacks pullet bred.

T. J. Carter Box Z Jonesdale, Michigan

:: :: VASS' BUFF, BLACK AND WHITE :: :: ORPINGTONS

acknowledged the world's best. After June 1st I will offer eggs at less than half their value. This is chance of your life to get in line for some of my strains of Orpingtons. Never in my twelve years breeding Orpingtons have I had such youngsters as I have at present time large broad, deep bodies, heavy bone, shape and color to burn. As I was the first importer of Buffs to America and have won over 1,200 prizes, I believe I have some of the best birds in America today. June is month to hatch the winner for late winter shows and can furnish the eggs that will set you in line for blue ribbons. Write for prices, Booklet free. :: C. E. Vass, Washington, New Jersey

NUGGETS

We have recently bought the flock and the business of the NUGGET POULTRY FARM, the leading breeders of BUFF ROCKS in this country. This addition to our flock places us at the head. Breeders, eggs and chicks for sale.

Standard Plymouth Rock Farms W. G. Holbrook Constantia, N. Y.
Stephen Marsh

R.C.R.I. Reds

FOR SALE CHEAP—Twenty-five large shaply Rose Comb females every one a good breeder \$2.50 each. Also several fine cock birds at very reasonable prices. If you want to get some good birds cheap, now is the time to buy, as we must have the room for our young stock coming on. Eggs at half the price the remainder of the season.

Simmons & Crittenden :: Geneva, Ohio

**MARTIN'S REGALS**

EGGS AT HALF PRICE—After June 1, the price of eggs from my fifteen prize pens will be \$2.50 per 15; \$4.50 per 30; \$6 per 45. This is a grand chance to become acquainted with the Regal strain at small cost. Free—Send for Summer Sale List giving description of 179 breeding birds I am offering for sale.

John S. Martin, Box 51, Port Dover, Can.

WHITE ORPINGTONS

They lay like slot machines. At Cleveland in hot competition I cleaned up every first prize but one. I won 1st cock, 1st hen, 1st pullet, 1st pen. Also American Orpington Club specials on White cock, hen, pullet and pen. Also four silver cups, one of them being for best female Orpington (any variety) in the show, awarded by Judge Oke to my hen Bess. At Pittsburgh I won 1st cock, 1st hen, 1st cockerel, 1st pen and special for best display Orpingtons, any variety, Judge Denny. Altogether I have 22 firsts, 12 seconds, 12 thirds, 16 specials, 2 diplomas, 10 silver cups at Cleveland, Madison Square, Chicago, Pittsburgh and other large shows. High class show birds and breeders for sale at reasonable prices. Eggs, \$8 per 12.

SPECIAL SALE I have nearly 2000 youngsters growing like weeds, and must make room. Will sell half my breeders. This is the chance of a lifetime for you to get the finest White Orpington blood in the world at less than half price. I am not selling off a lot of culls or old fat hens and cocks, past their usefulness, but strong, vigorous, active breeders not over 15 months old. Send for bargain list and booklet. Both are free. First orders will get the best selections.

Lawrence Jackson : : Haysville, Pennsylvania

POULTRY JUDGES SELECTED.

The. Hewes, Indianapolis, Ind.; A. F. Kummer, Butler, Pa.; F. J. Marshall, College Park, Ga.; have been selected by the Tri-State Poultry Association to judge at the big poultry show to be held at the great Tri-State fair, Memphis, Tenn., September 27 to October 4. These judges all have a national reputation, and the management should be congratulated on their selection. Exhibitors can depend that they will get a square deal if they show at Memphis. C. L. Baker, secretary, 292 Madison avenue, Memphis, Tenn., will give you any information regarding show. Write him.

BLYTEVILLE, ARK.

For some time past the News has been agitating the breeding of thoroughbred poultry in this section and an annual exhibition. How well we have succeeded you may note when we say an organiza-

Michigan State Poultry Assn.	
JAN. 3 to 14, 1909.	
Exhibitor	Entry No. 80
Address	Sex PULLET
Variety <i>Light Brahma</i>	and No. 24
Score	Weight 9
Symmetry 1 1/2	
Model or Size	
Head and Beak	
Eyes 1 1/2	
Comb	
Wattles and Ear Lobes	
Feet	
Wings 1 1/2	
Back 1 1/2	
Tail 1 1/2	
Crest 1 1/2	
Feet and Feet	
Legs and Toes	
Barrenness of Feather	
Crest and Comb 1 1/2	
Total Score 96 3/4	
Angus C. C.	
Approved by: <i>Chas. H. Chase</i>	
Secretary, JUDITH B. THOMPSON, Detroit	

Score attained by Light Brahmas bred at River Home Poultry Yards, Perrysburg, Ohio.

tion of thirty-eight charter members was perfected today, every member of which is an ardent enthusiast, with money to back his fancy. The intention of the association is to make of this section a poultry district of both fancy and utility stock. The organization will be known as the Mississippi County Poultry Association.

M. O. Eastin,
Secretary.

AUBURN, IND.

At a recent meeting of the poultry breeders of DeKalb county an organization known as the DeKalb County Poultry Association was perfected, with the following officers: President, Dr. Peter Stukey; vice-president, M. B. Willis; secretary, S. E. Conrad; treasurer, E. E. Shilling; superintendent, E. T. Cochran. The boys are wide awake and will hold the first show in Auburn next winter, and from present indications, it will be a good show, as there are many good birds

in the county at present, and more coming every day, which means increased interest to the public and the industry.

Election of officers of the Oklahoma branch:

PRESIDENT.

Hon. Chas. F. Barrett, Guthrie, received 45 votes.

M. A. Watkins, Enid, received 14 votes.

VICE-PRESIDENT.

Isaac Regier, Enid, received 42 votes.

F. P. Beamer, Guthrie, received 17 votes.

SECRETARY-TREASURER.

W. P. Smalley, Shawnee, received 52 votes.

Will T. Davis, Oklahoma City, received 7 votes.

FOR MEMBER EXECUTIVE BOARD.

District No. 1—M. S. Fite, Pawnee, received 4 votes; C. W. Day, Vinita, received 1 vote.

District No. 2—F. W. Hall, Lone Wolf, received 4 votes.

District No. 3—H. J. Kester, Enid, received 11 votes.

District No. 4—F. W. Hitchcock, Oklahoma City, received 5 votes; A. M. Griffin, Oklahoma City, received 2 votes.

District No. 5—W. M. Longmire, Shawnee, received 22 votes.

District No. 6—Frank E. Buck, Guthrie, received 8 votes.

Very respectfully submitted,
W. P. Smalley,
Secretary-Treasurer.

BUFF LEGHORN CLUB CATALOGUE.

This club has just issued a neat, well printed and illustrated 90-page catalogue, telling all about their favorite breed, and nothing but the good and bad points about the Buff Leghorn can be found in this book. It is worth \$1 to any person who is just beginning in the poultry business, but will be mailed free to any person addressing Geo. S. Barnes, secretary, Battle Creek, Mich. If you are looking for some good fowl to add to your yards, the studying of this catalogue will help you wonderfully. Buff Leghorns hatched in July will lay in December, and win prizes. What more is wanted of a breed of chickens?

FOR PRESIDENT OF THE RHODE ISLAND RED CLUB OF AMERICA.

Irving A. Silby, South Bend, Ind., the well known breeder of Rhode Island Reds, informs us that he has decided to accept the nomination for president of the Rhode Island Red Club of America. We do not believe that the members of this club can do better than support Mr. Silby for this position, as he is a man who is capable of performing the duties of this office in a manner that would be to the best interests of the club and all its members.

NATIONAL COLUMBIAN WYANDOTTE CLUB.

The annual meeting of the National Columbian Wyandotte Club was held January 13, in room 14, Mechanics Building, Boston. In the absence of the president, the meeting was called to order by Vice-President Campbell, secretary of the American Poultry Association. The members present were enthusiastic over the fact that Columbian Wyandottes were the largest class in the show. The year has been a good one for the club, both as to

increase of membership and financially, about eighty new members having joined during the year, and a balance of \$122 is in the treasury. The club has issued a catalogue of 48 pages during the year and is to issue another for 1910. The officers elected for 1910 are: President, Horace Porter, Ridgefield, Conn.; vice-president, Walter G. Fenton, Mt. Clemens, Mich.; secretary-treasurer, Geo. F. Eastman, Granby, Mass. Executive Committee—The president and secretary, S. T. Campbell, Mansfield, Ohio; T. H. Scott, St. Thomas, Ont., Can.; Charles D. Cleveland, West Orange, N. J.; T. Reid Parrish, Nashville, Tenn.; Milan A. Brayton, Fall River, Mass. With a set of officers who are enthusiastic Columbian Wyandotte breeders; with the fact that at three of the largest New England shows—Boston, Mass.; Providence, R. I., and Portland, Maine—the Columbian Wyandottes were the largest class in the show, is it any wonder that the club looks

toward the future with renewed confidence?

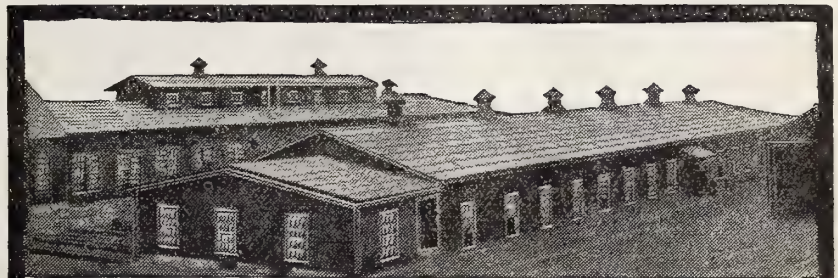
A donation to the club of a \$25 silver cup from Mr. H. W. Buckland, Lower Wick, Worcester, England, to be given at the show where the annual meeting is held, to the best shaped Columbian Wyandotte, was acknowledged and the donor thanked.

Notice of the death of former Secretary E. E. McIntosh, last July, was brought before the club, and resolutions of sympathy for his family adopted.

George F. Eastman, Secretary.

A CORRECTION.

In our May issue we made the announcement that the yearbook of the American Single Comb Buff Leghorn was ready for mailing, and to address E. W. Staebler, West Park, Ohio, for a copy. This should have been the Single Comb Brown Leghorn.



Amatite Roofing

NEEDS NO PAINT

EVERYTHING nowadays is constructed with the view to save time; to save labor; to save money.

These are the primal points which have made Amatite successful. That these things have been achieved such letters as the one below fully prove.

"Oakland, Me., Feb. 2, 1910.

Barrett Mfg. Co.

During the past twelve years we have used several different brands of Ready Roofing; some of these have cost much more than Amatite, but we are free to say that we prefer the latter. Not only does it give fully as good service, but it requires no painting or coating, as some of the others do. We consider this a most desirable feature.

Yours truly,

DUNN EDGE TOOL CO.

By R. W. DUNN, Treas.

These letters come to us constantly.

Amatite doesn't leak, and **never needs to be painted.** Its cost is low; its service long. It saves time, labor and expense.

Its **real mineral surface** and coal tar pitch waterproofing are responsible for this. We know what Amatite will do. We want you to know. Therefore we offer you a sample free.

Just send your name on a postal to nearest office.

BARRETT MANUFACTURING CO.

New York, Chicago, Philadelphia, Boston, Cincinnati, Minneapolis, Cleveland, Pittsburgh, New Orleans, Kansas City, St. Louis

SHELLY'S REDS

The result of my matings is shown in my young stock; some weigh over two pounds, and in shape and color are almost ideal. Eggs from my five pens containing Madison Square, Pittsburg and Washington, D. C., winners, half price after June 1. Illustrated catalogue free. :: :: :: :: ::

ELLIS S. SHELLY

Williamsburg, Pennsylvania

POULTRY PUBLICITY

Louis A. Schmier

[Any of the poultry breeders contemplating to get out a new catalog and desiring further information about the cost of cover-design plates and poultry illustrations are invited to correspond with us. We can handle all kinds of art and engraving work and at prices that are reasonable considering the high quality of goods which we deliver.—Editor's Note.]

The Poultry Fancier's Advertising Literature.

Circulars, mating lists, special sale lists, and catalogues galore have reached our desk during the last two months.

Some of them were printed on paper that would do well for wrapping of parcels, etc., some that were printed on good quality of paper but spoiled by poor presswork, others again that had good paper and excellent presswork.

Catalogues, circulars, etc., are really the poultry fanciers' salesmen, and for that reason should be gotten up with this one object in view. The foremost requisite of a good catalogue is the making of a favorable impression on the prospective customer. This first impression does the business in many cases and brings the order home. A well printed and illustrated catalogue seldom wanders to the waste basket, and is generally kept for future reference. A poorly gotten-up catalogue or circular, containing poor illustrations or none, generally goes into the waste basket the minute it is received.

Look at the handsome catalogues some of the live stock breeders are sending out, or the piano manufacturers or automobile concerns. They would stand a "fat" chance of landing orders in these days of competition if they issued advertising literature that did not make friends with the readers' eyes. Why not, then, apply the same system and rule these people use to the poultry business? There is more competition in the fancy poultry trade than there is in the automobile or piano business. We have a hundred competitors to their one. This means that some of the fanciers will have to get a "hump" on themselves and back up their inquiries which they receive from their advertisements with better literature, or they will lose trade to the man who knows how to advertise best.

Many of the progressive fanciers have recognized the additional selling value a handsome cover design gives to a catalogue and their catalogues, besides containing good arguments in favor of their stock, are also well illustrated! We will mention a few of them, which, in our mind, should bring orders home.

J. C. Fishel & Son's 1910 catalogue is a dandy; nicely printed, beautifully illustrated and contains, as usual, many original ideas in breeding and perfecting White Wyandottes, for which they are noted. A fine embossed two-color cover design adorns the outside. Send 10 cents to Box J, Hope, Ind., and you will get it.

Carl Byers, Hazelrigg, Ind., has issued the finest Orpington catalogue we have seen this season. It is printed on the best quality of paper, nicely illustrated and a neat, tasty cover design, printed on green rough cover stock, gives

the book a handsome appearance. It is chock full of information that will interest the Orpington breeder.

Lyman H. Hill, the well known White Rock breeder of Station 1, Jackson, Mich., has issued a dandy catalogue. He



knows the advertising business from A to Z and his catalogue shows the practical application. The book is excellently printed, well written and adorned with a unique cover. The illustrations are



printed in black and the type matter in light brown, giving a very pleasing appearance. He sends the book for 4 cents in stamps to cover postage.

Monmouth Poultry Farms' (Freneau, N. J.) catalogue, describing their Buff

Leghorns, is nicely illustrated, well printed and clothed in a rough stock cover. The book gives a list of the prizes won and also a mating list for the season.

Sunswick Poultry Farm, South Plainfield, N. J., have issued a catalogue that compares with the best. It is printed on the best quality of enamel paper and a bright red rough stock paper cover embellishes the outside. A cut-out in the center shows the head of one of their birds. The book contains a complete prize record of their birds and shows many illustrations, and is a credit to the printers' art.

Glen H. Burgott, Eden, Erie Co., N. Y., has issued a neat little catalogue describing his Buff Wyandottes.

F. A. Tecktonius' catalogue and book of information is in such a great demand that he will soon issue the second edition. This catalogue is one of the best written ones that has come to our notice. It contains arguments in favor of Buff Leghorns that are convincing and to the point. Handsomely illustrated from end to end, adorned with a three-colored cover showing a Buff Leghorn head in natural colors, it ranks up with the best. It contains also a colored insert of a pair of his birds, made direct from a photograph, and not from a "made to order" painting.

This is quite a departure from the old-fashioned way, and shows the birds just as they are. The book contains so much information that it is well worth the price of 25 cents which he asks for it. Address your letter to Route 7, Racine, Wis.

Many other fine catalogues have reached our desk, besides those mentioned. Some of the mating lists and circulars that deserve mention on account of the fine printing were sent us by the following breeders:

Grove Hill Farms, Waltham, Mass.
American Buff Leghorn Club.
International Ancona Club.
Dr. J. N. MacRae, Galt, Ontario.
H. W. Halbach, Waterford, Wis.
George Kline, Downers Grove, Ill.
Walter Fenton, Mt. Clemens, Mich.
W. H. Wiebke, Fort Wayne, Ind.
Chas. W. Switzer, South Euclid, Ohio.

Thousands of birds have already been hatched and soon the show season will be with us again and fanciers will be getting out new catalogues. As the demand for specially designed catalogue covers, letterhead designs and poultry illustrations has been unusually heavy, we respectfully ask our patrons to get their orders in to our art and engraving department as early as possible, as it takes some time to get the work out.—Editor's note.

We lead, others follow.



BYERS ORIGINAL
PEARL WHITE STRAIN

A. O. Schilling

FIRST PRIZE PEN S. C. WHITE ORPINGTONS AT CHICAGO DEC. 1909
C. S. BYERS HAZELRIGG IND.

The Orpington display at the Mid-West Show, Chicago, December, 1909, was one of the features of that exhibition. Artist Schilling shows in the above illustration the excellent Orpington type and characteristics of the specimens in the winning pen owned by C. S. Byers, of Hazelrigg, Ind. Mr. Byers was one of the first to recognize the sterling qualities of this now popular breed and has been very successful in producing excellent specimens of all three varieties, the Whites, the Buffs and the Blacks.—Reliable Poultry Journal, March, 1910.

Battleview Farm Reds

Eggs for hatching that hatch good pure blooded, healthy, vigorous chicks, Write for catalogue. It's free. Battleview Farm, C. R. Applegate, Prop., Freehold, N. J.

Dark Cornish and White Indian Games

Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J. JOHN A. MILLER, NAZARETH, PENNA.

SILVER LACED WYANDOTTES

At Chicago we won 1st cock, 3d cockerel, 5th pullet in strongest competition. A few extra fine birds at reasonable prices. Write for egg circular. CLARE E. HOFFMAN, Allegan, Michigan.

S. C. Brown Leghorns

Madison Square winners, 1909-10. Eggs for \$3 and \$5 per fifteen.

Kittatiny Poultry Yards, C. L. Puder, Prop., Irvington, N. J.

140-EGG INCUBATOR, \$7.55!!

Best ever made. Double walls, copper tank, self regulator, thermometer, egg tester, etc. All complete. Brooder \$4.50. Both \$11.50, freight prepaid. Book free.

Belle City Incubator Co., Box 27, Racine, Wis.

BEST BIRDS, BEST EGGS, LOWEST PRICES

All leading varieties pure-bred chickens, ducks, geese and turkeys. Largest poultry farm in the world. Fowls, eggs and incubators at lowest prices. Send for big book "Poultry for Profit." Tells how to raise poultry and run incubators successfully. Send 10 cents for postage. J. W. Miller Co., Box 56, Freeport, I.I.

REDS

THAT ARE RED :: RICKSECKER'S PERFECTION REDS

Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

T. L. Ricksecker, Red Specialist
Office, 2835 S. W. Boulevard, Kansas City, Mo.
Farm, R. F. D. No. 5 C, Rosedale, Kan.



A live poultry magazine. Full of practical information. A notable series of articles entitled, "Natural Laws of Artificial Incubation," commenced in the April issue. Every poultry raiser should read them. A special offer of 25 cents a year is being made for a limited time to gain new subscriptions, although the regular price is 50c. Write at once, enclosing quarter.

The Happy Hen

225 Oliver Ave., Pittsburgh, Pennsylvania

PATENTS

THAT PROTECT AND PAY

Advice and books free. Rates reasonable. Highest references. Best service.

Watson E. Coleman, Patent Lawyer
612 F Street N. W. : Washington, D. C.

Hot, Filthy Water

Will Kill
Your Chicks

By using Weldon's Poultry Fountain you will keep the drinking water cool, sweet and clean. The chicks will not drink so much, because the sun cannot heat it up and it cannot become filthy.

You Will Raise One-
Third More Chicks

Remember, it's not what you hatch but what you raise that counts, and one chick lost that would have been a prize winner would pay for a dozen fountains. Send for our free book giving full information.

Andrews Wire & Iron Works

Sub. Station C Rockford, Illinois

THE CACKLES OF THE RED HEN.

The red hen of today
Is the one that's here to stay,
For she always pays her way
And something for a rainy day.

In the shape of eggs that are brown
And are somewhat long and round,
Which in plenty are always found
Where the "Red Hens" are around.

She's as pretty as a maid
In her dress that's red in shade.
And the male is king indeed—
This all are willing to concede

Who have given Reds a test
Are the ones who love them best.
And the verdict of one and all
Is the Red Hen beats them all.

By C. W. Zimmer.

FROGS IS POULTRY.

The frog who would a-wooling go,
Should hop in at the poultry show;
By custom's latest fowl decree,
It is proclaimed forsooth that he,
Is "poultry," thereby the right to pick
For running mate a duck or chick.

The "poultry" part of frogs is "legs."
The heads don't count, nor yet the eggs;
The skin is likewise cast aside,
And feathers are not here implied,
Though later on at poultry shows
We may see feathered frogs, who knows?
Charles L. Tompkins.

We desire to call your attention to the Mineola Strain of Buff Wyandottes. Eggs from this strain are now reduced to \$3 per



BUFF WYANDOTTE PULLET.

First prize Youngstown, Ohio, 1910. Score 95 3/4. Bred and owned by Fred A. Poertner, Berea, Ohio.

15, evenly divided between Mineola, Richmond Hill and New York winners. There is full value in every egg. Mr. Howell reports a number of customers who hatched 13 and 14 out of 15 eggs. You can do no better than to start a flock of these paying Buff business birds. Look up their winnings for the past year and place your order with L. D. Howell, Mineola, N. Y. See his ad in this issue and be sure to mention this paper when you write.

Tom H. Woods, Fayette, Mo., who makes a specialty of breeding S. C. Brown Leghorns, reports that he has 500 young chicks that are going to be ready for the fall and winter shows. He has also decided to dispose of some of his this year's breeders at reduced prices. Now is the time to buy if you want the best at bargain prices. Write him and mention American Poultry Journal.

Evergreen Poultry Farm, Mrs. E. E. Girard, proprietor, Schleswig, Iowa, has a display ad in this issue. Barred Plymouth Rocks has been a specialty on this farm for the past twenty years, and their show record is one to be proud of. You cannot do better than write for prices and mention American Poultry Journal.

Oak Nest Farm, Chas. Shields, proprietor, Hookstown, Pa., have issued a very neat catalog telling all about their Rose and Single Comb Rhode Island Reds. Send for a copy and get acquainted. Mention American Poultry Journal.

POULTRY KEEPERS SPECIALTIES

Direct from Factory to You

The illustration herewith shows a Poultry Scalding Thermometer.

There is just one manufacturer of Incubators and Brooders that makes its own Thermometers, Hygrometers, etc., in addition to their full line of Poultry Supplies. That enterprising firm is the MODEL INCUBATOR COMPANY (Robert H. Essex, President), BUFFALO, N. Y.

The great advantage is that the Company is in a position to guarantee satisfaction in every article sent out by them. They undertake to return your money if every article is not as represented, and they can afford to do it because they MAKE THE GOODS THEY KNOW THEY ARE GOOD. THEREFORE THEY GUARANTEE them.

In buying from the Model Company you have the advantage of dealing with a firm whose departments are all in charge of experienced poultrymen—men who have used poultry supplies themselves and know what they should be.

Take the Model laboratory, for example, with all its specialties. Mr. Sullivan, the chief chemist, has had years of training and experience in selecting drugs and compounding laboratory products intended for poultry—poultry medicines, lice killers, disinfectants, etc., etc.; and in no department is the knowledge of poultry needs more necessary than in the laboratory.

It is just the same in the Model factory. Its superintendent, Mr. Thomas, has a habit of always wanting to try it out himself in his own poultry yard before sending it out to customers. Therefore, every article of wood or galvanized iron or other material must be "just so" before it leaves the Model factory.

It would be a good plan to write for their Catalogue, which will be sent you free if you mention this paper.

If it is Poultry Supplies you need, ask for their Poultry Supply Catalogue. See list of goods in advertisement on page . Write for their Catalogue. It costs you nothing and the information may be the means of saving the lives of many of your chicks—and old fowls, too. Address MODEL INCUBATOR COMPANY, Buffalo, N. Y.



Model Head Lice Ointment

A VISIT TO THE HOME OF THE
"RINGLETS."

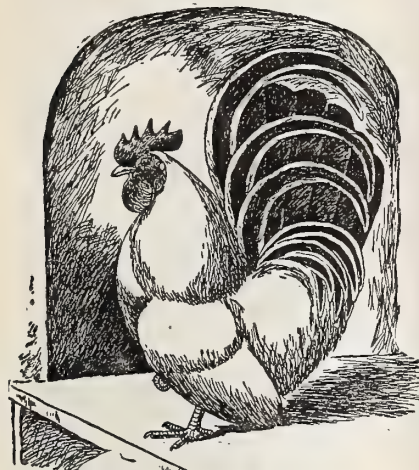
During our recent visit in the East the writer had the pleasure of seeing E. B. Thompson's fine poultry farm. Mr. Thompson is so well known to the fanciers at large, through his great winnings at Madison Square garden, with his "Ringlet" Barred Rocks, that it is unnecessary to describe him any further.

Mr. Thompson is one of the most successful breeders in America, his record at New York shows during the past twenty years is unequalled. When a man has shown the ability to produce fine exhibition birds year by year and decade after decade, his name and birds become particularly distinguished, and the way he has attained prominence may with the greatest advantage be followed by others who want to succeed with Barred Rocks.

His wonderful place has been so often described in the poultry press that nearly every fancier is familiar with it, and the writer found the place just as presented, only with additional improvements.

Mr. Thompson certainly has a beautiful home, as well as surroundings, and we doubt if, everything considered, it has an equal. Every building, from the home and office to the coops and colony houses out on the range, are in perfect accord one with the other.

While we were there Mr. Thompson was just setting out the stakes for a handsome new porch to be added to his already splendid home. When completed this will be a fine place to while away the hot sum-



Black Tail Japanese Bantam cock, score 95%. Bred, owned and in breeding yard of A. A. Fenn Co., Delavan, Wis., Box 37.

mer evenings and view the beautiful scenery.

Mr. Thompson had sixty-two pens mated up for the egg trade and reported such a demand for them that he was weeks behind in filling orders. The writer watched Mr. Thompson select the eggs to be shipped that day and noted the care he exercised in selecting eggs of even size, and he further tested the shells of every egg for thickness and an egg that would not pass the test was cracked and put aside to be used as feed for the little chicks, etc. This job of overseeing the selection and shipping eggs Mr. Thompson looks after himself and the best testimonials that he has are that his old customers are coming back year after year for more. He has shipped eggs to all corners of the country and also abroad, and they invariably arrive in good condition.

The reader, and in particular those breeders who have visited here, can well imagine the difficult job ahead of me in describing the birds to be seen here. The "Ringlets" have characteristics of their own. Their quality, as seen here under the personal supervision of Mr. Thompson, can be fully appreciated, but to write and describe them for others to see through these lines is no sinecure.

The standard quality of his stock is so uniform that to describe every good bird on the place would take a larger book than the American Poultry Journal and we advise our readers to send for one of his handsome catalogs, which gives a complete prize record and also contains pages of testimonials in praise of the "Ringlet" Barred Rocks from satisfied customers. Address being Lock Box 510, Amonia, N. Y., will bring it. L. A. Stahmer.

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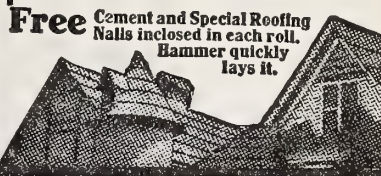
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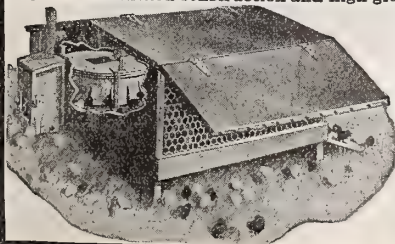


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NEWTOWN PRODUCING CO., BREEDERS OF S. C. WHITE LEGHORNS, NEWTOWN, PA.

In a recent article in Poultry Item, Mr. F. W. De Lancy has the following to say concerning the Newtown Producing Co., of which Mr. H. L. Watson is manager:

The Newtown plant is located on the

and maintain the inner privacy, there is a railing, and then beyond, the manager's desk, a typewriter desk for the stenographer, a bookkeeper's stand, a heavy safe. To the left was what may perhaps be called the director's room. In there upon the large center table lay fourteen or fifteen prize ribbons that the Newtown Leghorns had won the week before at Philadelphia—three firsts, two or three second,

bred Leghorn was a fowl too petite to have the robustness necessary for the production of many eggs and large eggs. I was shown egg records that I do not question, made by White Leghorn females, full sisters of the first prize Philadelphia pullet, permit me to no longer stand with the many strictly-utility breeders and urge the breeding of heavier, longer bodied Leghorns. I must accept the present winning White Leghorns as of a type not detrimental to egg production.

The first breeding pen I saw on the Newtown Farm was a pen of twelve hens. They had been on display all the previous week at Philadelphia and had just arrived home the day before, yet from those twelve hens there were seven eggs in the nests. With these females was the first prize cockerel at the show. He is a bird of good comb and wattles; red eye, lobe a little smaller than a quarter of a dollar in size, well finished in tail, with two flowing sickles and three pronounced lesser sickles. In this house are twenty-four pens of bird that comprise what Mr. Watson terms superior exhibition, egg-laying matings.

Leaving the range we walked to the "big" laying house. It is 200 feet long and 50 feet wide. There are five pens, each approximately 40x50 feet. From 500 to 600 birds were in each pen.

Perhaps the first questions to be asked are: "How did the birds look; what was the egg yield?" The style of the house is without precedent and the evidence of its practicability is the well being and productiveness of the fowls it shelters. A comparative statement is most conclusive so, the layers in the big house had brighter combs and were in better feather than those in smaller flocks, in the smaller pens of the other houses, while the egg yield of the birds in the big house was from 35 to 40 per cent and that in the other houses was about 33 per cent.

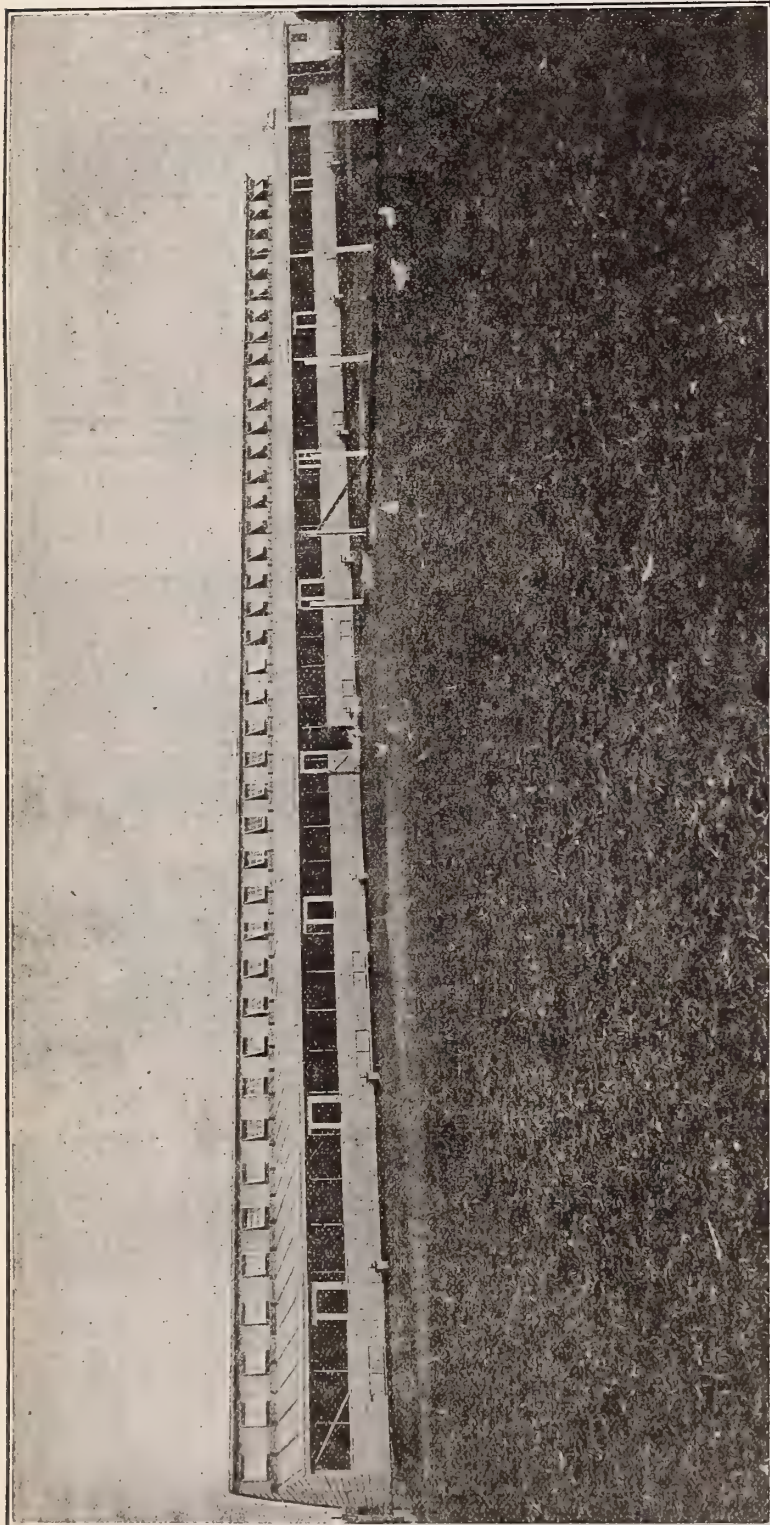
The floor in this house was very dry, in fact, the sand was dusty, for it was an earth floor. The walls are concrete, 3 feet high; 1 foot in the ground and 2 feet above, and then banked up outside, protecting the base of the wall from the frost; 10 inches of cinders were put in as a foundation for the floor, on these was put 6 inches of clay, then 6 inches of sand. The cinders prevent moisture rising; the clay prevents the sand filling down; and on the sand the litter lies. The day I was in the house the sand was dusty, while it was muddy outside with the frost "coming out of the ground." As the sand does not become damp it does not freeze in cold weather.

And the floor does not become damp; it cannot. While there is no moisture arising from the underground, what moisture there is in the droppings of the fowls or exhaled from their throats and lungs, does not condense and cause dampness, but is carried off or evaporated by the fresh air that is continually in the house—for the house is an open front house.

In the days when poultry culture was new dampness was common to all hen houses. This suggested artificial heat to evaporate the moisture. The principal was then expanded and it was written that fowls are most productive in the spring time when the weather is mild. Artificial heat was used to obtain the spring time temperature and egg yield throughout the winter. The radiated heat evaporated the moisture common to the laying houses and maintained the temperature, but by the warmth the anticipated egg production was never obtained. The fresh air house, be it "open front" or "curtain front," is the house that is in use and being built on the big, practical farms throughout the eastern states.

The yards to the big house at Newtown contain three to four acres. There are two house pens to the first yard and three to the second. These yards will be fenced across and green food planted so that the birds will have good forage in each park, as they are let further on in the yards. Some of the birds that were on exhibition at the Philadelphia show are in this house, also some of last year's winners at Scranton, Allentown and Reading. Eggs from these birds will be sold at \$8 per hundred. From a fancier's viewpoint the birds were good Leghorns. The further in the house I walked the better they looked. The pullets, as a whole, were the best developed I had seen. Mr. Watson is selecting for health, knowing that constitutional vitality is a fundamental inside value of never passing import.

Leaving the big laying house, we walked over to the brooder house. Here, as before referred to, two Hall brooder systems are installed. Writing of these systems in his booklet, Mr. Watson says: "This is the most economical and best chick-raising system on the market. There is no possibility



This house is 200 feet long, 50 feet deep, divided into five pens, with 600 birds in each pen. Located on the farm of the Newtown Producing Co., Newtown, Pa. It is a curtain front type and has proved a most successful house during the past winter, which is the severest we have had for twenty years. These buildings have been the subject of a great deal of comment, but after going through an entire year with them have proved that they are decidedly the most economical and profitable type of house to use for Leghorns.

edge of Newtown. The railroad track is all that separates it from the town, and the railroad station is the terminus of the drive that leads to the plant and the street that goes down town. Mr. H. L. Watson, manager of the plant, met me at the depot and together we walked the little way to his office on the farm. This office is the fitting headquarters of the poultry establishment. Inside, to hold off the intruder

three third, two fourth, two fifth and two special ribbons. In addition, Newtown won two silver cups, one for the best Leghorn of any of the Leghorn varieties, the other for the best display of Leghorns.

It may be said that showroom fowl can have no relative value in a utility flock. A month ago I would have maintained so if the race in question had been the Leghorn. I would have told you that the standard

of chicks crowding, and there are no lamps and poisonous gases; fires and suffocations are unknown in the house. Chicks can be raised as successfully in this house in January as in June. The remarkable growth of our young stock last season we attribute largely to our improved systems of incubating and brooding."

At one end of the brooder house is a two-story extension of which the upper floor is used as a conditioning room for show birds. The room is fitted with exhibition cages and is lighted with electricity. There is a sink and hot and cold water. There are five pens with one-quarter inch mesh wire bottoms. Two inches beneath the bottoms are six hot water pipes. Then there is an electric fan to circulate air. I remember watching that past master of the fancy, "Billy" McNeil, wash some Polish fowls for the "Ontario Provincial." Over his stove he had a wire bottomed exhibition coop setting on four bricks. It is different at Newtown; each thing is planned that it may be a little better than it was elsewhere before.

In conclusion I want to mention the hatching facilities at Newtown. The incubator is a "Hall Mammoth," holding 10,200 eggs. Last year it was a 6,000 eggs machine, but 28 feet have been built to it, increasing its capacity 4,200 eggs. On reference to the machine Mr. Watson says: "During the past season we have hatched a larger percentage of eggs incubated, the chicks have been stronger when taken from the machine, they have grown faster and have greater vitality than any other chicks we have ever raised."

So large and efficient incubating capacity enables Newtown to handle large orders for quality baby chicks.

NEW PATENTS ISSUED.

Among recent patents issued at the United States patent office we find one granted to the Norwich Automatic Feeder Co. for an automatic exerciser and feeder, which comes nearer being perfect than any we have seen at all the poultry shows this past winter. This feeder is designed for use on the poultry plant, whether run on a large or small scale. It is very simple in construction and is the most practical device of the kind on the market.

The feeder consists of a galvanized iron hopper, in the bottom of which is fitted an adjustable valve, which controls the flow of grain as it falls on the spreader, directly below the hopper. By this means the feed is scattered over a large amount of floor or ground space. The chickens operate the feeder by pecking at the bait bar, resembling an ear of corn, which is filled with either corn or wheat. This bar is suspended from the hopper by an adjustable rod and operates a small disk which causes the grain to fall upon the spreader and thence to the ground. The feeder stands on three iron legs, making it possible to use them on hilly ground.

The feeder is absolutely rat, sparrow and weatherproof, and plants already equipped with them report that the sparrows and rats have entirely left their yards, as there

is no feed for them in sight, resulting in an immense saving of high priced grain.

The River Home Poultry Yards, of Perysburg and Toledo, Ohio, are the distributors for these feeders in the central West and will supply any further information desired. Look up their ad, which appears regularly in this paper, and write for their interesting little booklet, which is free for the asking.

R. J. Knisley, proprietor of the Pine Rose Poultry Yards, York, Pa., exhibited a fine lot of birds at the recent Baltimore

winnings, together with Mr. Knisley's winnings at many other shows, where he won specials and silver cups, proves that he has the quality. His pens are mated so you will get some great winners from them. If you are looking for Black, Buff or White Orpingtons, write Mr. Knisley. Mention American Poultry Journal.

W. E. Stanfield, proprietor Brookdale Farm, Hillsdale, Mich., writes that they have not been able to accept much over one-half the orders that have come in for eggs, and from now on no eggs will be for



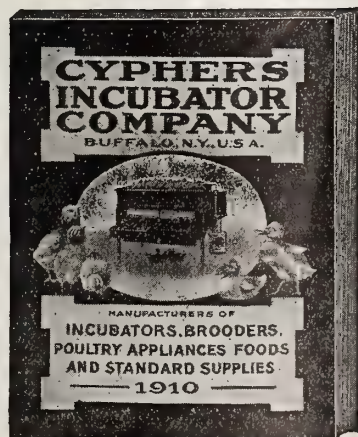
QUEEN BESS.

First hen at Polo, Ill., January, 1910. One of the long line of Barred Rock winners bred and shown by Wm. H. Hoover, Lock Box 339, Polo, Ill., the past season.

show. In a hot class of S. C. Buff Orpingtons he won 4th and 5th cocks, 3d and 4th hens, 2d, 4th and 5th pullet, and 1st and 3d cockerels on S. C. Blacks. He won 1st pen and 3d cockerel on two entries. Special for best pen of Blacks in show. These

sale, as the house capacity has been increased to an extent which assures room enough to care for some June hatched stock. So the incubators will take every egg from Brookdale's White Orpingtons for balance of the season.

EVERYTHING FOR POULTRY KEEPERS



WE MANUFACTURE SEVENTY-TWO DIFFERENT ARTICLES for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

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Brooder Stoves	Short-Cut Alfalfa	Egg Preservative	Bone Cutters
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Egg Packages	Mealed Alfalfa	Drinking Fountains	Bone Mills
Egg Testers	Full-Nest Egg Food	Grit and Shell Boxes	Root Cutters
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OUR COMPLETE CATALOGUE FOR 1910 Consists of 160 pages, 7½ x 10 inches, and contains an illustrated description of all goods we manufacture. Tells about freight rates, gives prices, etc. Contains five instructive chapters on successful incubating, brooding, feeding, heavy egg yields, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

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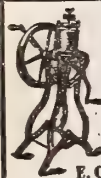
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fails to cure Roup, Colds or Canker in Domestic Fowls or Pigeons. This wonderful powder is given in the drinking water. C.W. Fowler, breeder of Buff Plymouth Rocks, Smyrna, Georgia, writes: "I believe that every 50c package of your Roup Cure saves me \$30 in birds." It Kills the Germs! An absolute preventive! A splendid tonic. If your dealer cannot supply you we will! Prices, 50c and \$1.00, postpaid. We make one remedy for each disease. "The Conkey Book" (Price 25c) sent FREE if you give name of your poultry supply dealer and enclose 4c postage. Address G. E. CONKEY CO., Dept. 18, Conkey Laboratories, CLEVELAND, O.



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William Cook & Sons, Scotch Plains,
N. J., As Our Artist, Mr. Stahmer,
Saw Them.

Two miles from the beautiful village of Westfield, N. J., are located Wm. Cook & Sons poultry yards, the well-known originators of all the Orpingtons. They call the town Scotch Plains ("Cookstown" would be better, as nearly everything belongs to them anyway). The name of Scotch Plains is certainly a misnomer. Not a sign of plains around there; instead of that the country is very hilly and the tail end of the Blue Hill mountains form the border line to the Cook's mammoth plant. We were met at the depot by Percy A. Cook, and after a delightful automobile ride that exceeded the speed limit several notches landed at Scotch Plains. This being his country's home we naturally expected to see some good birds and as all the Orpingtons were originated by the Cooks we would have a chance to see them as they should be. After visiting every yard on the place and viewing some thousands of birds we can render only one verdict, and that is that they have "the best Orpingtons" we ever saw, and we have seen a number of them in our time and know good ones when we see them.

The great record of over 12,000 first prizes won in this country at such shows as Madison Square garden, etc., and at Crystal Palace, England, is further proof that they have the best and stamp their birds as leaders beyond a doubt. They issue a very handsome catalog which not only contains a history of the breed, it also contains valuable information as to the care of the breed. A letter to Box A, Scotch Plains, N. J., will bring it.

CONNER'S AUTOMATIC FEEDER AND EXERCISER—W. M. CONNER, JERSEY CITY, N. J.

That an automatic feeder is a good thing is now an admitted fact, and Mr. Conner makes a successful automatic feeder in three sizes. One for small chicks, one for half grown stock and one for adult fowls.

The advantages of using an automatic feeder are many. You don't have to worry about your chicks or old birds being fed at the proper time, the feed is always there where they can get it. Besides it is up in the dry, where the stock can't foul it and then eat it and get sick, no rats or mice or sparrows can eat it up, which is a big saving and helps keep your place free from these pests.

The chickens get the clean grain just when they want it and just as much as they want. If your work takes you away from your poultry during the day your wife don't have to stay home and feed the chicks or chickens. Where chicks require several feeds a day this is quite a task. With Conner's automatic feeder all this worry and trouble is taken off your mind. Your wife can go visiting or do as she pleases. You can go to the office free from any worry about the birds not being fed, and if you are visiting a friend and it comes feeding time and you wish to stay longer you can do so, the stock feeds itself. That's pretty fine, don't you think? Well send to Mr. W. M. Conner, Jersey City, N. J., today for literature. See ad in this issue. Mention American Poultry Journal.

While the evenings are long this winter I want to make up several pretty, simple dresses for afternoon wear next summer. Please suggest a suitable material. It ought to be very moderately priced. I don't know of anything stylish and pretty at the price I can pay.

Country School Teacher.

No matter how much money you might be able to pay, you could find no prettier or more stylish material for summer afternoon dresses than Simpson-Eddystone Zephyrette Gingham. They are exquisite in coloring, with beautiful designs, and so light weight, soft and fine that you will be amazed at their very moderate price. You can secure any wanted color and a large variety of designs.

Philip Koehlinger, 1414 E. Grant ave., Ft. Wayne, Ind., writes he will sell three males and thirty yearling hens at a bargain to make room for the young stock. He says he has about 300 chicks growing now. Anyone interested should write him and mention American Poultry Journal.

Should Hide Their Heads

Unscrupulous agents pretend that complicated cream separators can be washed by "sousing" 40 to 60 disks as one piece. The "New York Produce Review," of April 13th, contains statements from prominent creamery men who condemn "sousing." The following extracts from these statements should make unscrupulous agents hide their heads:

"Wash machines every time they are used and not use the 'sousing' method advised by agents of complicated machines—this method being very injurious to cream."—DAVID W. HODGES, New York.

"I have seen cheap separators it was an impossibility to clean. The greatest trouble is caused by misrepresentation, regarding work necessary to keep machine clean, by agents whose sole purpose is a sale."—GLEN OVERTON, Michigan.

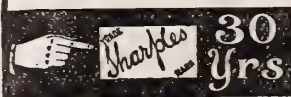
"A dirty and unsanitary farm separator is the start of bacteria it is hard to overcome."—J. M. TAFF, Iowa.

"It has been demonstrated by tests that it does not pay to have the separator partly clogged with filth."—L. C. SHEPARD, Ohio.

These statements should decide you to get the only simple, sanitary, easy-to-clean cream separator—the

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The World's Best. World's biggest separator factory. Branch factories in Canada and Germany. Sales exceed most, if not all, others combined. Probably replace more common separators than any one maker of such machines sells. Write for Catalog 2.5



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"RANGER" BICYCLES

Have imported roller chains, sprockets and pedals; New Departure Coaster Brakes and Hubs; Puncture Proof Tires; highest grade equipment and many advanced features possessed by no other wheels. Guaranteed 5 yrs.

FACTORY PRICES direct to you. Others ask for cheap wheels. Other reliable models from \$12 up. A few good second-hand machines \$3 to \$8.

10 DAYS' FREE TRIAL. We ship approval, freight prepaid, anywhere in U.S., without any obligation. DO NOT BUY a bicycle or a pair of tires from anyone at any price until you get our big new catalog and special prices and a marvelous new offer. A postal brings everything. Write it now.

TIRES Coaster Brake Rear Wheels, lamps, parts, and sundries half usual prices.

Rider Agents everywhere are coming money selling our bicycles, tires and sundries. Write today. MEAD CYCLE CO., Dept. W123 CHICAGO

PUSH HENS QUICK TO PROFIT MARK

Hustle'em along so you'll get back their board; then some profit. Our Early Breakfast Mash just tickles the taste of hens, pullets and chicks. They grow and lay something to surprise you. It's because the formula of

"Steinmesch Early" Breakfast Mash

(a forcing, fattening, conditioning feed)

contains such nourishing grains, flesh, bones as; Middlings, Bran, Linseed Meal, Meat and Bone Meal, Charcoal, etc., mixed with green alfalfa and clover. Helps during moult, stimulates egg-production, makes sweet, tender flesh, disposes fowls to health.

You're missing it if you don't feed it. Start your flock now on a sample 100 lbs. for \$2.00. "400 feeds for 10 hens." It's a great, big sackful. Send order now. Large catalog with directions for feeding free; also contains list of poultry supplies.

Steinmesch Feed & Poultry Supply Co.,
211 Market St.,
St. Louis, Missouri





GET THIS FREE

For Health's Sake
ESSE
RE-CARBONIZED
CHICKEN
CHARCOAL

MANUFACTURED BY
The SOBERMAYER CO.
Cincinnati, Chicago, Pittsburg

We will send you free a box of **ESSE CHARCOAL**—enough for a good, fair trial—no stamps required or anything else—just your name and address. We would appreciate it and it would be doing yourself a favor if you also gave us the name of the dealer from whom you buy poultry supplies. You will find that **ESSE CHARCOAL** will give you

More Eggs Stronger Chicks Better Prices

Esso is a twice-burned charcoal. Once-burned charcoal is full of woody fibre and acids, and may be positively injurious to poultry. Esso, being twice-burned, is pure.

Government experiment stations recommend it, poultry experts endorse it. Better yet, you will never be without Esso if you give it a trial, as you can, free, by sending for a sample package. Feed it to your poultry and watch them. They will make you understand.

The S. Obermayer Co.,
641 Evans St., Cincinnati, O.

The Natural INCUBATOR \$3



Patented. Uses natural heat from actual living hen. Perfect heating, ventilation regulation. No trouble; true success. Over 500,000 have proved it to be the greatest hatching success. No freight to pay. Don't be robbed. Costs only one-fourth as much as other incubators. **More Agents Wanted.** Send postal for Free Catalog. **NATURAL HEN INC. CO., 1349 Constance St., Dept. 4, Los Angeles, Cal.**



The Plain Mark.

Note the secure snap fastening and large raised numbers of the aluminum

Convenient Leg Band.

The one really convenient marker. Bent ready for use. Sizes for any breed. **Prices:** 12 bands 20c; 30 bands 45c; 60 bands 75c; 100 bands \$1.00. Write for sample—cheerfully sent free. **H. O. SHAW, Box 103, GRINNELL, IA.**

\$200-EGG INCUBATOR \$12.80

This perfect 200-egg Wood-en Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free. **650, H. STAHL, Quincy, Ill.**



MAKE YOUR HENS LAY

Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free. **STANDARD BONE CUTTER COMPANY, Milford, Mass.**

A VISIT TO SUNSWICK POULTRY FARM, SO. PLAINFIELD, N. J.

Sunswick Poultry Farm is located at South Plainfield, N. J., about twenty-six miles from New York. The situation of the farm (which consists of fourteen acres) is ideal. The ground is high and dry, and is within easy driving distance of three railroad stations.

The Sunswick Poultry Farm has for four years been devoted to raising nothing but the S. C. Buff, Black and White Orpingtons, and the quality of their birds may be judged by their winnings at Madison Square, New York; Boston, Mass.; Cleveland, Ohio; Hagerstown, Md.; Allentown, Pa.; Baltimore, Md., and Trenton, N. J.

We have visited quite a few poultry farms but we have yet to see a place better equipped than this. The buildings and yards are arranged beautifully and are a credit to the owner, Mr. Delafield. It is no wonder then that we found the chickens in such fine condition as they were. They have paid particular attention to Orpington type and their birds carry this type very uniformly throughout the different colors of this variety which they breed. They reported a great egg business and also a great demand for stock. About 1,000 youngsters were hatched at the time of our visit and they expected to raise about 3,000 of the different varieties. Mr. Delafield has imported this season some blue and buff Orpington ducks, and makes great claims for them. They certainly looked good to us and they will meet with success as soon as the public gets familiar with them. They are of good size and excellent layers, maturing very early, and have fine flavored meat. No eggs for hatching from these ducks will be sold until next season.

They issue a very handsome catalog, giving a complete prize record. It also shows pictures of a number of their prize winners and is well worth sending for.

L. A. Stahmer.

THERE IS NO EXERCISE TO EQUAL CYCLING.

Among all the sports or forms of exercise, which have found any degree of favor with Americans, cycling is most ideally suited to American needs and American temperament.

It satisfies our passion for being "on the go" in a sane, health-building manner. There is no nervous tension to cycling, such as attends the swift ride on the speeding motorcycle, or in the whizzing auto.

Gliding along on a light running wheel one forgets he has nerves or muscles. Instead of a rush of air in the face that renders breathing a difficult task, it seems second nature, when wheeling, to drink in long sweet, soul refreshing breaths of nature's ozone.

"Get out your bicycle and get the fresh air" has been many a physician's advice to the patient seeking relief from nervous strain, stomach disorder, or a long list of kindred ailments. That, too, is our advice to our readers.

An hour or two a-wheel each day, will make a new person of you—will help the lungs carry away impurities from the blood, will clear the brain, quiet the nerves and bring the restless sleep of health.

If you have a bicycle, use it. If you haven't one, you will be surprised to learn how fine a wheel can be bought for a very few dollars from the Mead Cycle Company, Chicago. They are glad to send their catalog to interested persons.

WAUSHARA COTTAGE R. C. REDS,
5731 ROSALIE CT., CHICAGO,
ILL.—M. S. ENSIGN, PROP.

At the time of our visit to the yards of M. S. Ensign we found some very choice Rose Comb R. I. Reds. The females, although they had been making some wonderful records as layers, still retained a nice even red color so much desired by all breeders of Reds, and the male birds were of a rich, even, brilliant red, and all specimens were quite good in type, having good length of body. The hen Susan, the foundation of this flock, had a record of over 200 eggs per year.

Quality, not quantity, is the aim here. You can secure baby chicks or eggs for hatching at moderate prices by addressing Waushara Cottage, 5731 Rosalie ct., Chicago, Ill.

Ira C. Keller, Prospect, O., the well and favorably known Wyandotte breeder, is offering some good bargains in breeders in this month. Look up his ad in this issue and write him for full particulars. Mention American Poultry Journal.

The roofing that lasts is made of genuine Trinidad Lake asphalt—

Genasco Ready Roofing

Cross-section, Genasco Smooth-surface Roofing

Trinidad Lake Asphalt
Asphalt-saturated Wool Felt
Trinidad Lake Asphalt

The Kant-leak Kleet makes seams absolutely water-tight without cement. Write for Genasco Book and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt and largest manufacturers of ready roofing in the world.

PHILADELPHIA

New York San Francisco Chicago

SHOEMAKER'S BOOK ON POULTRY



AND ALMANAC FOR 1910.

There is nothing in the world like it. It contains over 200 large pages, handsomely illustrated. A number of most beautiful Colored Plates of Fowls, true to life. It tells all about all kinds of **Thoroughbred Fowls**, with life-like illustrations, and prices of same. It tells how to raise poultry successfully and how to treat all diseases common among them. It gives working plans and illustrations of convenient Poultry Houses. It tells all about

Incubators and Brooders.

It gives full instructions for operating all kinds of Incubators. This chapter is marvelously complete and worth dollars to anyone using an Incubator. It gives descriptions and prices of Incubators, Brooders and all kinds of Poultry Supplies. In fact, it is an encyclopedia of chickenhood and will be mailed to anyone on receipt of only 15 cents. Your money returned if not pleased.

C. C. SHOEMAKER, Box 6056, FREEPORT, ILL.



LEG BANDS

Get our samples and prices before buying. Largest and best line on earth.

SMITH SEALED

21

LEADER

ADJUSTABLE

Smith Sealed. Used by America's leading fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; postpaid.

Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 302, Battle Creek, Mich.

POULTRY HERALD

A BETTER PAPER

Best Editors. Best Articles. Finest Illustrations. Special Dept's—turkeys, ducks, geese, diseases, questions answered, etc. Don't fail to see it. Sample copy and poultry book circular free. Send us a postal today.

POULTRY HERALD,
Dept. C. St. Paul, Minn.



100 EGG



Incubator with triple walls, copper tank, regulator, nursery, chick drawer, clear top, 26x21x31 high. Why not pay \$2 or \$3 more and get this good one? Price \$10; freight paid east of Rockies.

GEO. ETEL CO., 102 Kentucky St. QUINCY, ILL.

\$5 NO MONEY IN ADVANCE

The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days' free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.

Stratton Mfg. Co., Box 17, Erie, Pa.



GET EGGS NOW

Humphrey's newest book, "The Golden Egg," will show you how to get eggs all winter, and from 150 to 250 eggs a hen a year. I will give you, FREE, my secret of reducing feeding cost one half and of doubling your poultry income.

Humphrey, White Street Factory, Joliet, Ill.

Where Humphrey's Bone Cutters, Clover Cutters, Brooders and other Poultry Helps are made.

The Only Incubator Correct in Principle

One gallon of oil—one filling of lamp, is enough for a hatch. Lamp in middle; door on top. Best ventilation and most uniform heat. X-Ray incubators save oil, time, work, money. We control heat—others waste it. Different and better than any other. Write for free book.

X-RAY INCUBATOR COMPANY
1st St., Wayne, Neb.



MAKE HENS LAY

By feeding raw bone. Its egg-producing value is four times that of grain. Eggs more fertile, chicks more vigorous, broilers earlier, fowls heavier profits larger.

MANN'S LATEST Bone Cutter

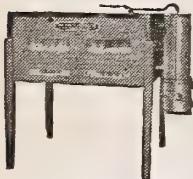
Cuts all bone with adhering meat and gristle. Never clogs. 10 Days' Free Trial. No money in advance.

Send Today for Free Book.
F. W. Mann Co., Box 66, Milford, Mass.



BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. **FRANK FOY, BOX 8, DES MOINES, IOWA.**



Banta

The incubator that hatches strong chicks—Gives hatching service longer than any Guaranty—Get our Free Books—a valuable fund of Poultry Information.

THE BANTA-BENDER CO.,
DEPT. C, LIGONIER, IND.

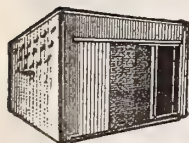


A GOLD MINE OF PROFIT!

My QUEEN Incubator is a gold profit maker when used in summer or winter. Try it on my liberal plan. **SUMMER PRICES NOW.** I pay freight, give three months' trial and five year guarantee. Send for Free Catalogue and Poultry Guide. Wickstrum, Queen Incubator Man. Box 4, Lincoln, Neb.

The All-Iron COOP Vermin-Proof

Protect Your Chicks



They will be dry and warm as well as safe in our exclusive pattern galvanized-iron coop. Rats, mice and weasels cannot enter.

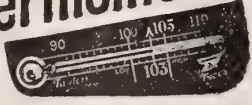
Real Sanitary Quarters

No wood. Can be taken apart and stored. Has three different sliding doors in one. No other coop like it or as good. Shipped knocked down. Write today for free circular.

Des Moines Incubator Co.
244 Third Street, Des Moines, Iowa

"TYCOS" Incubator Thermometer

supplied with any incubator, is the mark of quality which proves that the maker puts value into his machine, regardless of cost. Install on the "Tyco"



ACCURACY

Taylor Instrument Companies

ROCHESTER, N. Y.

MID-SUMMER BARGAINS.

Our readers are requested to look up the add of Crystal Spring Farm, Snavely Bros., proprietors; C. B. Snavely, manager. They are making a special mid-summer egg sale from their Barred Rocks, White Wyandottes and S. C. Rhode Island Reds, as can be seen from their ad elsewhere in this issue. They also offer real bargains in both exhibition and utility breeding stock. If interested in some strictly money making breeds you will do well to correspond with them at once. They informed us that they have no more baby chicks for sale this season as they are simply "snowed" under. Among the poultry supplies they furnish is "Snavely's Hen Ease," their own preparation, which is an essential to destroy animal parasites. The catalog is illustrated with cuts of poultry from photographs taken December 11 last and a portrait of C. B. Snavely, the manager, graces the front page of the booklet. Snavely Bros. are poultry enthusiasts and young men who are thoroughly reliable. A request by mail addressed to Crystal Spring Farm, R. R. 5E, Lititz, Pa., will bring you one of their catalogs, which you will find has interesting information. Please mention American Poultry Journal.

FREE SAMPLE OF AMATITE—THE ROOFING THAT NEEDS NO PAINTING.

There are doubtless many readers of this paper who are users of ready roofing who are not familiar with Amatite.

This is a new type of roofing which came upon the market a few years ago and has found wide favor on account of its mineral surface which needs no painting. This mineral surface is embedded in pitch, which grips the stone firmly and makes a kind of pitch-concrete surface. This surface is abundantly able to withstand all sorts of weather year after year without any painting.

Its price is no higher than that of the old-fashioned painted kinds. In fact, in many cases it will be found to cost considerably less.

Next time you paint your roofs remember that painted roofings are no longer the only kind you can buy.

In the meantime it is a good idea to look up Amatite. You can get full information and a free sample from the manufacturers on request. Address Barrett Manufacturing Co., New York, Chicago, Philadelphia, Boston, Cleveland, Pittsburgh, Cincinnati, Minneapolis, St. Louis, Kansas City, New Orleans, London, England.

LITTLE RED HEN POULTRY TONIC.

Is the name of a remedy for roup, cholera, limber neck, white diarrhea in chicks, and a general health and egg producing tonic, which is offered our readers in ad on another page in this issue, being made by the Wayne Poultry Tonic Company, Ft. Wayne, Ind. This remedy was formerly put up under the name of Fryer's Roup and Cholera Cure and Egg Producing Tonic.

We have seen some of their many testimonials of the wonderful results from this tonic as an egg producer, also of the remarkable cures it has made, and as the company guarantees it to do all they claim for it you run no risk in giving it a trial. Be sure and send for their literature, it may save the life of a valuable bird for you. Mention American Poultry Journal. Address Wayne Poultry Tonic Company, Ft. Wayne, Ind.

A SPECIMEN LETTER.

From time to time our readers have noted references in these columns to the original dry chick feed for young chicks. Some, however, may not know that the original and standard was first put on the market by W. F. Chamberlain, of St. Louis, and was then, as now, known as "Chamberlain's Perfect Chick Feed," made in St. Louis Mo., as showing the record for this feed, we present the following letter:

W. F. Chamberlain Feed Co., St. Louis, Mo.
Gentlemen: Enclosed find \$5 in full for 200 pounds of Chamberlain's Perfect Chick Feed. We have used it for years and think it the best that can be obtained.

Respectfully,
Mrs. J. W. Harris,
New Virginia, Iowa.

No use paying high prices for fence when Kitselman Bros. ask only 14¢ cents a rod up. See their ad in this paper and write today.

PAROID Roofing

F. W. BIRD & SON, Est. 1795

50 Neponset St., East Walpole, Mass.

New York Washington Chicago Portland, Ore.

15 Prizes In Gold

for your suggestions and criticisms about our new Reward Book. Just send us your name and address with a 2-cent stamp for copy of book and particulars.

Reward Bureau, No. 3, Farm & Home, Springfield, Mass.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa.

BEST MADE Lowest in Price

GREIDER'S FINE CATALOGUE

of pure-bred poultry for 1910, 250 pages, handsomely illustrated, 150 engravings, photos, 30 fine colored plates, describes 65 varieties of land and water fowls, gives low prices of stock, eggs, incubators, poultry supplies, etc. How to care for poultry and all details. Price 10c, send to-day. B. H. GREIDER, Box 101, Rheams, Pa.



PAGE FENCE

is woven from heavy high-carbon spring-steel wire; easiest and cheapest to put up. Lasts a lifetime. Catalogue from Page Woven Wire Fence Co., Box 222, Adrian, Michigan.

15 Cents a Rod

For a 22-inch Hog Fence; 16c for 26-inch; 19c for 31-inch; 22 1-2c for 34-inch; 25c for a 47-inch Farm Fence. 50-inch Poultry Fence 31c. Lowest prices ever made. Sold on 30 days trial. Catalog free. Write for it today.

KITSELMAN BROS., Box 295, MUNCIE, IND.

FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free. COILED SPRING FENCE CO. Box 82 Winchester, Indiana.

POULTRY FENCE

STOCK STRONG—RUST PROOF Bottom wires 1 inch apart. Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for catalog. The Brown Fence & Wire Co. Dept. 3 Cleveland, Ohio

MONEY IN THE BAG

Pearl Grit is an extra egg producer. Extra eggs increase egg money. The extra money more than pays for Pearl Grit. Users say so, and keep a supply on hand. The reason is, IT PAYS. We want you to write us today for free detail information. OHIO MARBLE COMPANY, 709 S. CLEVELAND STREET, PIQUA, OHIO.

RATS & MICE

EXTERMINATED SCIENTIFICALLY

Pasteur Vaccine Co. Rat Virus

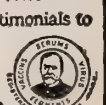
Non-Poisonous—No Odors

The virus is fed to the rodents on bread, grain or other suitable bait. In the course of a few days this creates a contagious and mortal disease that is harmless to all other life. Furnished in two forms.

RATITE—Gelatin Form, 50c and 75c
RATITE—Liquid Form, 75c, \$1 and \$1.50

Write for further particulars and testimonials to PASTEUR VACCINE CO., Ltd.

Institut Pasteur, Paris, and Pasteur Vaccine Co., Biological Products
7 Rue Meyerbeer, Paris, France.
New York, 366 West 11th Street.
Address Dept. H, Chicago, 323-325 Dearborn Street



THE SCARCITY OF FARM LABOR.

In recent years the glamour of the city has lured so many young men away from the farms that the question of securing sufficient capable help in the field has become a serious problem.

But thousands of industrious farmers who were handicapped by this condition have not only overcome the obstacle but actually turned it to their own advantage. Realizing that something had to be done they abandoned their old style of farming and took to Planet Jr. farm and garden implements. The practical efficiency and the labor saving results from their use were a revelation to thousands of farmers all over the country. The outcome has been that many farmers who depended altogether on help have been able to work their farms alone, do quicker work and realize larger profits. Other farmers have extended their operations over acres that before the use of Planet Jr. implements seemed impossible. Planet Jr. tools are light, strong and lasting and are fully guaranteed. A farmer can actually save two-thirds of his time, prepare the ground far better and get greater results from their use.

Every farmer should have in his possession one of the Planet Jr. illustrated catalogs. It is as essential as an almanac and will be sent on request by S. L. Allen & Company, Box 1107 T, Philadelphia, Pa., makers.

GOLDEN AND SILVER WYANDOTTES—WM. J. FOX, CABOT, PA.

Parties wanting birds that fit the standard in either of these varieties will do well to write Mr. Fox. We know he has been breeding very fine specimens of these varieties for several years past. Not an occasional one but his entire flock has been way above the average. He has not shown a great deal but his birds have an enviable record wherever shown. They have won at Pittsburg, McKeesport, Beaver Valley and Butler. We suggest you write Mr. Wm. J. Fox, R. F. D. No. 17, Cabot, Pa. Mention American Poultry Journal.

SLAUGHTER SALE.

Chas. Nixon, Washington, N. J., the well-known White Wyandotte breeder, is offering 40 per cent off on his breeding stock this month, and is selling eggs from his choice matings at one-half price. This is your opportunity to get some of the best for very little money. The record of Mr. Nixon's White Wyandotte's at the great New York show in the past is evidence of their superior quality, and the buyer is assured of getting just what he orders from Mr. Nixon. Get in communication with him at once if you want a bargain. When you write please mention American Poultry Journal.

BILL OF SALE.

Bristol, Conn., April 25, 1910.
This is to certify that I have sold and delivery to Mr. Joseph B. Cornish, of Washington, N. J., my entire stock of White Cochins, including my good will, cuts, etc., and that I will not breed said variety again for a term of four years. This includes my winners at Madison Square garden and Boston, and is without a doubt the very best collection of White Cochins in America. (Signed) Adolph A. Anderson.

A BARGAIN IN REDS AND ORPINGTONS

Is being offered our readers by Craig & Mapes, Clearview, Mt. Lebanon, Pa. All their show birds and breeding specimens in Buff and Black Orpingtons, also S. C. and R. C. Red are for sale at half price, in order to make room for their 1,000 head of young birds.

Messrs. Craig and Mapes were prominent winners at several large shows last winter, including Madison Square garden and Pittsburg. If you breed either of these varieties you had better write them. See ad elsewhere.

Mr. E. W. Bogert, proprietor Bay View Poultry Farm, Port Washington, N. Y., the Rose Comb Rhode Island Red man, is offering some of his grand breeding stock for sale in this issue at prices far below their actual value. Mr. Bogert's stock is of the very best and we advise our readers to take advantage of this sale. Get in communication with him.

New Orleans, La., April 22, 1910.
Pittsfield Poultry Farm Co.,
Pittsfield, Me.

Dear Sirs: I take pleasure in acknowledging receipt of your favor of the 18th inst. advising me of shipment promised for the 15th of next month. First, I want to compliment you on your placing my late order so far ahead of promises and expectations. The chickens reached me safely, only one dead on the morning of the 21st after a three nights and two days travel, and in splendid condition. I waited until today before receipting for them to you to better judge of their hardihood. This morning they are out bright and early with the sun, as hungry as can be. From present appearances they are all and more than you claim for them. Will keep you posted from time to time on condition.

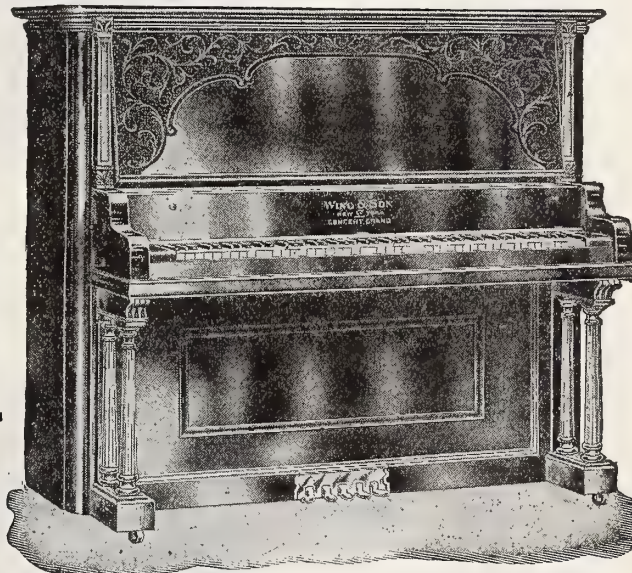
Yours truly,
Ralston F. Green.

Reports from Rockandotte Farm, South-boro, Mass., W. R. Graves, proprietor, state a grand lot of youngsters out and eggs

hatching remarkably well. It is not yet too late to raise some fine chicks, and it should be remembered that Rockandotte Farm produces many of the best White Plymouths and White Wyandottes each season. They are thoroughly reliable and their remarkable record of first prize winners both in their hands and those of their customers at the leading shows of the country with the above varieties is well worth careful consideration by those interested in the breeding of White Plymouth Rocks and White Wyandottes.

W. D. Campbell, the Single Comb Buff Leghorn specialist, of Bloomfield, N. J., reports a fine lot of young stock out and eggs hatching great, twelve to thirteen chicks to a setting. We have handled Mr. Campbell's stock and can recommend it to our readers as strictly high class. In fact we mentioned in these columns a short time ago that his first cockerel at Red Bank, N. J., last winter was the best colored Buff Leghorn male we had seen in years.

THE
WING
PIANO
Player Pianos
Uprights and
Grands



THE
WING
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Player Pianos
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One of our forty designs

Rock-Bottom!

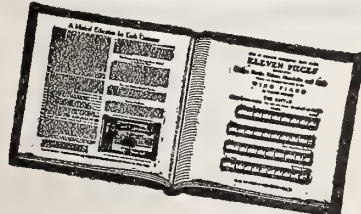
Yes, Rock-Bottom Prices and on a Piano of the HIGHEST Quality

Let us quote you the most astounding prices ever offered on pianos of unexcelled quality. The very rock-bottom prices—prices that would mean ruin to the local dealer or the mail-order houses that buy their pianos from the manufacturer. You will be amazed at the direct-from-the-factory prices on the well-known Wing Piano. We will positively save you from \$150 to \$250 on the purchase of a piano of highest quality, recognized merit. We offer to convince the purchaser by shipping your choice of a piano on approval, all freight prepaid, no money down—absolutely free trial—a four weeks' free trial. **Remember: all freight charges prepaid, no matter whether you keep the piano or not.**

Send for the best, safest, most instructive book of piano-buying information ever compiled; the
Book of Information FREE!

Would you like to know all about pianos, how they are made, how to judge the fine points of quality and price in buying a piano? Then send the coupon for the piano book which we are sending out FREE for the present—the book is free.

The Coupon Brings this 156-Page Book Free



formation that may mean hundreds of dollars to you, whether you buy a piano now or later. Put your name on the coupon and mail it to us AT ONCE.

WING & SON, Est. 1868, 373-386 W. Thirteenth Street, New York

So many of the new style Wing Pianos are getting into homes where the people buy for all cash, that dealers are trying to tell it around that Wing & Son REFUSES to sell on time. This is not true. We sell for cash OR on VERY, VERY EASY PAYMENTS just as YOU choose after your four weeks' free trial. And many of our wealthy men are buying Wing Pianos right now on our easiest monthly payment plan.

Every discount goes direct to you

The Wing Piano stands alone—sold direct from the factory—the only one sold direct from an exclusive piano factory without going through the hands of a single middleman.

When you buy a Wing Piano you pay no salesman's, dealers' or middlemen's profits. You pay no commission to music teachers and supposedly disinterested friends. We cut out all middlemen and you put the discounts in your own pocket. The piano book tells how to save from \$150 to \$250.

This book (156 pages) tells all about material, manufacture, assembling, patented devices and what they do, all about soundboard, action, case, in fact every detail connected with the production of a fine, high grade piano. You will be astonished at the amount of information about piano quality and piano prices, and how to avoid the deceptions of piano salesmen. The New York World says, "A book of educational interest everyone should own." With this book we send our direct-from-the-factory prices on Wing Pianos.

Send Coupon

or a letter or postal NOW. Don't miss this opportunity to get the very latest and best piano in.

formation that may mean hundreds of dollars to you, whether you buy a piano now or later. Put your name on the coupon and mail it to us AT ONCE.

WING & SON, Est. 1868, 373-386 W. Thirteenth Street, New York

So many of the new style Wing Pianos are getting into homes where the people buy for all cash, that dealers are trying to tell it around that Wing & Son REFUSES to sell on time. This is not true. We sell for cash OR on VERY, VERY EASY PAYMENTS just as YOU choose after your four weeks' free trial. And many of our wealthy men are buying Wing Pianos right now on our easiest monthly payment plan.

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Gentlemen: Without any obligations to purchase or pay for anything, please send me free and prepaid the book of piano information, the complete encyclopedia of the piano, pieces on pianos, etc., all free, prepaid.

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THERMOMETER FACTS WORTH KNOWING.

The successful hatching of chickens is an intensely interesting and delicate operation and too much care and good judgment cannot be used in the selection of an equipment. Success in operating an incubator depends more upon the accuracy of the thermometer and the proper control of temperature than upon any other feature.

You will agree that the best incubator made, if it has an unreliable, inaccurate thermometer, is no better than any dry goods box for hatching chickens.

Thermometers are scientific instruments and are accurate or inaccurate, reliable or unreliable, according to the intelligence and honesty of the manufacturer. The qualities which count most for accuracy and reliability are hidden to the eye, and the lack of these qualities is not apparent, sometimes, until the instrument is employed on the most important operation.

It is not a well known fact, but nevertheless true, that glass shrinks with age, after extreme heating. This shrinkage may be most minute, so small as hardly to be perceptible, but, it is a factor of the most vital importance in the permanent accuracy of a thermometer.

If you have a broken thermometer examine the bore in the glass tube through which the mercury passes as it rises and falls. Try to insert in this bore a human hair. You will then get a fair idea of its size. Now, compare the size of the bore with that of the bulb, which contains the mercury, and at once you will observe that the slightest shrinkage of the bulb must cause a considerable rise of mercury in the bore of the tube, because of the vast difference in capacity between bulb and bore.

After being filled with mercury "Tycos" incubator thermometers are laid away in a big vault to "age" for a long period of time, that the contraction resulting from cooling after blowing the bulb on the end of the tube, may take place before the tube is "pointed" and sealed.

This "ageing" process is expensive, but no expense is spared to make "Tycos" thermometers as good as it is possible to make.

Thermometers which are not properly "aged" frequently show errors of more than 2 degrees. For example, in such a thermometer when 105 degrees is indicated the true temperature would be 103 degrees.

"Tycos" thermometers are filled with only the purest of distilled mercury. Impure mercury will cling to the sides of the bore of the tube and so cause inaccurate readings. Unless the bore of the tube is perfectly dry before being sealed the mercury will quickly become impure and cling to the sides of the tube—again inaccurate readings.

No "sticky" thermometer tube is ever branded "Tycos."

Every particle of air must be exhausted from the tube before it is sealed, as otherwise it is liable to cause separation of the mercury column, or in time oxidize the surface of the mercury and cause it to cling to the sides of the bore.

"Tycos" thermometers are absolutely free of air.

With many thermometers the failure of the mercury to "draw back" is a common defect. If the thermometer is placed in a horizontal or semi-horizontal position the mercury will cling to the tube at the high-

est point and not "draw back" as the temperature falls.

For example, the temperature rises to, say, 106 degrees, and then drops to 103 degrees. The column clinging to the bore will not "draw back," but continues to show 106 degrees. This is due to lack of knack or knowledge of the tube maker.

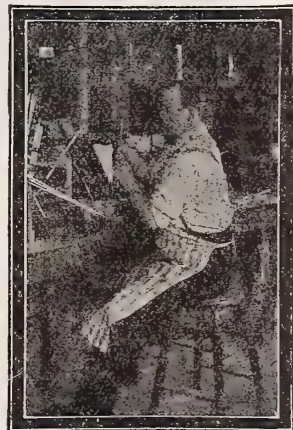


Verifying tests.

"Tycos" incubator thermometers are always furnished with mercury filled tubes which are guaranteed to "draw back" in any position from perpendicular to horizontal.

"Tycos" thermometers are put through a special process of our own, which insures the "draw back."

Thermometer tubes filled with colored "spirit" are much more liable to separation



Making the bulb for "Tycos" Thermometers.

than those filled with pure mercury. Nearly every one has seen the little globules of "spirit" with air spaces between in thermometer tubes, making accurate readings impossible.

"Tycos" tubes, after "ageing," are tested at various points to determine their true

scale, and every "Tycos" thermometer has its metal scale divided to agree exactly with the "test points" of its individual tube.

Each tube has its own scale, and every division line upon that scale is cut separately. If a tube be broken after the metal scale is divided and finished the scale is thrown away, as it is practically impossible to accurately fit a second tube to any scale, and "Tycos" quality does not admit of inaccuracies.

The finished "Tycos" thermometer, before it goes on the market, is compared with standard instruments, under exact incubator conditions of temperature, and any errors detected in testing, scaling or assembling are corrected, or the thermometer is rejected.

If you are interested in results you cannot afford to take chances in incubation. It is a waste of time, eggs and money to try to hatch chicks with an inaccurate, unreliable thermometer.

When you buy a new thermometer or hygrometer see to it that the name "Tycos" is stamped upon it. When you buy a new incubator it's an excellent rule to always ask if it is furnished with a "Tycos" thermometer. It is worth while to ask this question for this reason alone, that you can depend upon it that the manufacturer who furnishes "Tycos" instruments in his machine is giving you the best that money can buy, regardless of the fact that he can buy cheaper thermometers, and this principle of furnishing the best will hold good in the making as well as the equipping of his machine.

Two brands of thermometers may look very much alike—so do mushrooms and toadstools—but the name "Tycos" stamped on the one will be your protection. Insist upon seeing it. Make sure that it is on the thermometer or hygrometer that you buy. You can buy an incubator equipped with it, if you ask for it.

The "Tycos" thermometer is a feature of popular, productive incubators.

BUFF POULTRY FARM—FRED A. POERTNER, BERE, O.

Mr. Poertner is a "Buff Specialist," breeding Buff Orpingtons, Buff Wyandottes and Buff Rocks.

He is a progressive, up-to-date breeder and informs us of many improvements recently made in his plant.

His birds have been winning a majority of the prizes in many shows, including some of the big shows. Mr. Poertner is making special inducements to secure your order now and after July 1 he will sell half his breeders at one-half their value. This is your chance to secure high class stock cheap. Write him for his special July sale circular. His ad appears elsewhere in this issue. Address Fred A. Poertner, R. R. No. 4, Berea, Ohio.

WHITE ROCK SPECIALIST—F. W. PETERS, ERIE, PA.

Mr. Peters breeds the superior kind, White Plymouth Rocks, and his birds have won at Erie, Cleveland, Youngstown, New Castle, Sharon, Ashtabula, where they won special for highest scoring pen.

We find his prices very low, yet he offers to now cut them in half; he also offers to sell his breeding birds very cheap. If in need of White Rocks write F. W. Peters, 460 E. 18th st., Erie, Pa. Mention American Poultry Journal.

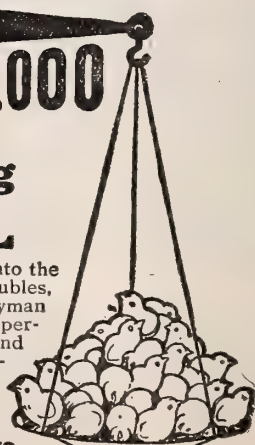
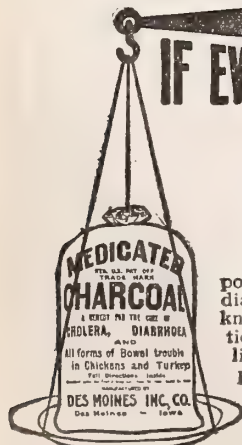
IF EVERY POULTRY RAISER USED OUR REMEDY 150,000,000

MORE CHICKS WOULD ANNUALLY BE RAISED TO MATURITY.

Save Your Chicks' Lives By Using MEDICATED CHARCOAL

We have the greatest remedy for the common chick ailments that ever went into the poultry-yard. Our Medicated Charcoal not only prevents but cures bowel troubles, diarrhoea and cholera. Charcoal alone is a valuable health-giver, as every poultryman knows. We have made it doubly valuable by giving it just the right medicinal properties. It purges, cleanses, purifies the blood, kills germs. It gives health, vigor and life to both fowls and chicks and renders them immune to disease. Carefully prepared under a scientific formula and guaranteed under the Pure Food Law. Cost is nothing compared to the good it does in saving chicks' lives. Don't fail to try it. In bags of convenient size: 10-lb. bag. \$1.00—25 lbs. \$2.25—50 lbs. \$4.25.

Des Moines Incubator Co., 269 Fourth St., Des Moines, Iowa



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PLYMOUTH ROCKS.

BARRED ROCKS, THOMPSON AND LATHAM strains, line bred, deep barred, seven pens. Eggs \$1 to \$5 per setting, both matings. Write for mating list. Satisfaction guaranteed. Fred Deihl, Morrisville, Ill. 5-3

BARRED ROCK EGGS, 15 for \$1, \$4 per 100. Baby chicks, 10c each. Chas. Eichhorn, Barnesville, Ohio. 3-3

BUFF AND BARRED ROCK eggs, \$1 and \$2 per 15. H. L. Ragsdale, Centralia, Ill. 5-3

"BONANZA" WHITE ROCKS. Eggs from exhibition and utility matings, line bred, trapped, farm raised. Herbert H. Haskin, Robinson, Route 5, Ill. 5-2

BARGAINS IN BREEDERS—Am now ready to sell some of my this year's Barred Rock breeders. If you want the best this is your opportunity. Write for special bargain prices and mention American Poultry Journal. C. E. Spaugb, Rugby, Ind. 5-2

BARRED ROCKS—Am making special low prices on eggs from prize-winning pens this month and can supply eggs that will produce birds that will win the blue next season. If you are interested write today and mention American Poultry Journal. Louis Rausch, Creve Coeur, Mo. 5-2

BARRED PLYMOUTH ROCKS—the large, vigorous, beautiful kind. Eggs from pens mated to produce prize winners, \$2.50 per 13; \$4 per 26. Satisfaction guaranteed. I please my customers. G. M. King, R. 1, York, Pa. 5-2

HALBACH'S WHITE PLYMOUTH ROCKS are the kind you want. Special matings and special prices on eggs now. Write and mention American Poultry Journal. H. W. Halbach, Watford, Wis. 5-2

SPECIAL PRICES on Silver Penciled and Columbian Plymouth Rock eggs, from birds that won 107 ribbons at three leading shows. \$3 and \$5 per 15. Order now. Briarwood Farm, Rumson, N. J. 5-2

BARRED PLYMOUTH ROCKS. We are offering special inducements this month in baby chicks and eggs for hatching. Eggs, \$1.50 per 13, \$4.50 per 50. \$7 per 100. Strongly fertilized. Baby chicks, \$1 per 25; \$10 per 50; \$15 per 100. Satisfaction guaranteed. Pittsfield Poultry Farm, 102 Main St., Pittsfield, Maine. 5-2

BARRED ROCKS. Heavy layers. Exhibition quality. Back from winners at Pittsburgh, Cleveland and C. M. Eggs, \$2.00 per 15. C. M. Guesinger, Dayton, Ohio. 4-3

"RINGLET" BARRED ROCKS. Eggs from prize winning stock \$2 per 13. Geo. W. Swesey, Rockland, Ohio. 4-3

BARRED PLYMOUTH ROCKS exclusively. Choice stock. Eggs \$2.00 for 13; \$3.50 for 26; \$10.00 for 100. Send for circular. Aug. Krueger, Roxbury, Conn. 4-3

BOWKER'S BARRED ROCKS have the winning habit. Get eggs from us at \$3 per 15; \$5 per 30, that will produce prize winners. Utility eggs, \$1.50. Bowker Poultry Farm, Dublin, Indiana. 4-3

BUFF PLYMOUTH ROCK EGGS. "Burdick strain," vigorous birds, \$1.50 and \$2.00 per 15. A. V. Hagerman, Heyworth, Ill. 4-3

WHITE ROCKS FROM FISHEL Best Show Birds. Eggs and Chicks. Booklet Free. B. C. Thompson, Elmira, N. Y. 4-3

HIGH CLASS WHITE ROCKS. Charles E. Schofield, Marshall, Mich. 4-3

BARRED AND BUFF ROCKS Eggs. Large, vigorous and of the highest quality. Bred to standard requirements. Egg producing strains. Lowest prices. L. Squire, Box 670, Bentleyville, Pa. 4-3

BARRED ROCKS, Bradley strain. Eggs, \$2 per 15; \$3.50 per 30. Guarantee 10 chicks. First cockerel Bushnell, 92½ points. Second cock Macomb and Canton. Edwin C. Laux, Bushnell, Ill. 3-4

26 EGGS \$1.00, \$3.50 per 100. Thompson's Ringlet strain of pure bred Barred Plymouth Rocks. Frank Moore, Madison, Ind. 6-2

PULLET MATED PEN, 9 RINGLETS. Thompson's direct, \$25; worth \$40. Gardner Dunning hens, \$2.50. Trio Cook's Black Orpingtons. \$8. Hutchinson, Brookland, D. C. 6-1

INTRODUCTION PRICE, EGGS, 75c 13. Fishel's White Rocks, winners, four shows. Get results. Harry Levengood, Douglassville, Pa. 6-1

WHITE ROCKS. Vigorous, beautiful, pure bred birds that please. All year round layers. Eggs from carefully selected matings, half price, \$1.00 per 15 balance of season. Stock for sale in the fall. Mrs. John Douglas, R. 2, Mt. Sterling, Ohio. 3-3

RINGLET HILL POULTRY FARM prize winning Barred Plymouth Rocks. Eggs \$3 a sitting, \$8 per 100. Fred Longnecker, Cayuga, Ill. 6-3

PARTRIDGE PLYMOUTH ROCK eggs, \$1.50 per 15. Satisfaction guaranteed. Fred Kypke, Lake Mills, Wis. 4-3

"BARRED PLYMOUTH ROCKS"—KNOXALL STRAIN.—Matings the best, first prize males head our pens. Eggs \$1.50 and \$2.50 for 15; satisfaction guaranteed. Woodlawn Poultry Farm, Nashville, Ark. 4-3

BARRED ROCKS. Eggs \$1.50 per 15. Thompson strain. Ed Schmiedemann, Lake Mills, Wis. 4-3

RACEY'S BARRED ROCKS will please you; 18 years with this variety. Eggs, 15 for \$1.00; 30 for \$1.75. Jos. L. Racey, Arbela, Mo. 4-3

RINGLET BARRED PLYMOUTH ROCK eggs from my finest matings, \$2.00 per 15. John Dixon, Hazel Green, Wis. 4-3

WHITE ROCK EGGS, \$1.50 per 15; \$2.50 per 30. L. C. Gass, Marion, Ky. 4-3

NUGGET BUFF PLYMOUTH ROCKS—Fine shape and solid Buff Color; heavy laying strain. Eggs, \$1, \$2, \$3 per 15; \$6, \$10, \$15 per 100. William Schott, Holyoke, Mass. 3-4

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburgh, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr.

BUFF WYANDOTTES—Eggs after June 1st, \$3 per 15 from all pens, including my New York winners. These are bargains. Send orders direct. Mention A. P. J. L. D. Howell, Mineola, N. Y. 6-2

COLUMBIAN WYANDOTTES—Twenty-four one-year-old hens and ten one-year-old cocks for sale at \$2.00 to \$3.00 each. Best layers I ever owned. Bred in the purple. Strictly high class birds. Two hundred head young stock coming on for fall and winter shows. L. L. Lucas, P. O. Box 406, Erie, Pa. 6-3

WHITE WYANDOTTES. Duston's strain, good enough, 30 eggs \$1.50, 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

BUFF WYANDOTTES. Simon Beuth's strain, 30 eggs \$1.50, 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

COLUMBIAN WYANDOTTES. Eggs for hatching from four fine pens. Fifteen, \$2.00; thirty, \$3.50; fifty, \$5.00. F. M. Griswold, Lakemills, Wis. 4-3

EGGS FROM MY SILVER WYANDOTTES, Springfield and St. Louis winners, \$1.50 per 15. Choice 1-year breeders reasonable. Mrs. Louise Schroeder, Chestnut, Ill. 5-2

PROSPECT POINT, THE HOME of high class Columbian Wyandottes. Prize winning stock. Beauty and utility combined. Eggs from 1st pen, \$3.00; 2nd pen, \$2.00; 3rd pen, \$1.50 per setting of 15. Mrs. H. M. Paul, Wyand, Ill., Box 308. 4-3

REGAL STRAIN White Wyandotte eggs for sale from prize winners. Large, blocky birds with snow white plumage. Eggs, 15, \$2; 100, \$6. Albert Reed, Clifton Springs, N. Y. 5-4

FANCY BUFF WYANDOTTES—VIGOROUS, great winter layers. Eggs, best pens, \$1.75 for 15. Order direct from this ad. A. W. Welch, Route 9, Madison, Indiana. 5-3

WHITE WYANDOTTES, yearling hens, cocks, eggs. Lowest prices. Dora Dukes, Winamac, Ind. 5-3

WHITE WYANDOTTES, bred, fed and mated right. Eggs, \$2.00 per 15; \$3.50 per 30. They shall please! Hans Olson Rambo, Big Falls, Wis. 5-3

KLINE'S WHITE WYANDOTTES—the celebrated Regal strain. Am making a special price on eggs this month from pens headed by my prize winners at Pittsburg, Boston, Ontario, Chicago and Indianapolis winners. No better stock anywhere, and I guarantee to please. Write today and mention American Poultry Journal. Geo. M. Kline, Box 64, Downer's Grove, Ill. 5-2

WHITE WYANDOTTES, "Busy Bee laying strain." W. C. Gilmore, 1824 Monon St., Waco, Texas. 5-3

WHITE WYANDOTTES.—Choice cock, cockerels, \$5 to \$25; hens, pullets, \$3 to \$15. Setting eggs, my best, \$5 per 15. None better; utility, exhibition combined. J. H. Frances, Peoria, Ill. 4-3

BUFF WYANDOTTE eggs for hatching, \$2 per 15. A. M. Haines, Plato Center, Ill. 4-3

COLUMBIAN WYANDOTTES. The best winter layers on earth. Fine stock for sale. Eggs, \$2 setting. Write me. A. B. Wolf, Mt. Vernon, Ill. 4-3

SILVER WYANDOTTES.—30 RIBBONS on 30 entries at Scranton and Madison Square Garden, including 12 firsts, 13 seconds in competition with World's Best. Eggs, \$3.00 per 15. W. E. Samson, Kirkwood, N. Y. 4-3

WHITE WYANDOTTES, exclusively. Fine birds mated for best results. Eggs, per setting, \$3; two settings, \$5. L. M. Bremer, Port Washington, Ohio. 4-3

PARTRIDGE WYANDOTTES.—Silver cup, Chicago, for best display; American Poultry Association diploma, best cockerel. Also big winners, Detroit and Toledo. Stock and eggs. Circular. Dr. Baskerville, Mt. Pleasant, Mich. 4-3

BUFF WYANDOTTES. Eggs from prize winning stock, \$1.50 per 15. S. M. Keltner, Anderson, Ind. 4-3

WHITE WYANDOTTES.—Choice stock, heavy winter layers. Winners when shown. Eggs by setting only. Satisfaction guaranteed. Correspondence solicited. Write me. G. E. Parker, 316 Baty St., Elmira, N. Y. 4-3

HIGH CLASS WHITE WYANDOTTES EXCLUSIVELY. Eggs, \$2. M. J. Porter, Bardwell, Ky. 4-3

BUFF WYANDOTTE EGGS, from show birds. Write for circulars. Albert Walters, Sycamore, Ill. 4-3

WHITE WYANDOTTES. Perfection strain; eggs, \$2 per setting. J. C. Lauther, Three Oaks, Mich. 4-3

PRIZE WINNING COLUMBIAN Wyandottes at this year's Cleveland show—1st cock, 1st and 4th cockerel and pullet from Chicago, Columbus and Cleveland former winners. I can take care of a high class egg trade and am booking orders. High class stock for sale. C. A. Hamilton, R. F. D. 1, Plymouth, O. 3-4

PARTRIDGE WYANDOTTES. Eggs, \$1.50 per 15. Satisfaction guaranteed. Ed Schmiedemann, Lakemills, Wisconsin. 4-3

BUFF WYANDOTTES—Good shape and color; heavy laying strain. Eggs from four fine pens, \$2.00 per 15; \$10 per 100. William Schott, Holyoke, Mass. 3-4

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-1f

LEGHORNS.

ROSE COMB BUFF LEGHORNS—Good layers. Eggs \$2.00, 50. Mrs. A. C. Wilber, Vernon Center, Minn. 6-3

GET EGGS FROM one of the best laying strains in America, also my \$10.00 offer, Single Comb Brown Leghorns. A. F. Lehman, Toulon, Ill. 6-2

BABY CHICKS SINGLE COMB White Leghorns. Young's strain, 10 cents each; eggs from my pens of prize winners. M. H. Michaels, Tiffin, Route 9, Ohio. 6-1

LEGHORNS.

SINGLE COMB WHITE LEGHORNS—Am one of largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Reduced prices balance of season. Eggs, 15 for \$1.00; 30, \$2.00; 50, \$3.00; 100, \$5.00. Day-old chicks a specialty. Henry Hintemister, Room A, 553 Wabasha St., St. Paul, Minnesota. 6-1

SINGLE COMB BUFF LEGHORNS—All eggs balance of season, \$1.50 per 15; \$6.00 per 100. Order today. Choice breeding birds at reduced prices. Westview Poultry Yards, Box A, Malchias, N. Y. 6-3

BLANCHARD WYCKOFF SINGLE COMB White Leghorns. 20 eggs, \$1.00; 100, \$3.50; 200 hens \$1.00, this fall. Circular. W. Albers, Lombard, Ill. 6-3

SINGLE COMB WHITE LEGHORNS—Young's strain. Will sell eggs for less than half price. Eggs, \$1.00 per 15. Cockerels less than half price. F. O. Mittag, Lone Rock, Iowa. 4-3

SINGLE COMB WHITE LEGHORNS—Wyckoff and Young's strains, fowls and eggs at reduced prices. J. A. Shineman, Canajoharie, N. Y. 6-3

STRONG LIVABLE CHICKS—Straight Comb White Leghorns, \$9.00 per 100 through June. Month old \$20.00 per 100. Fine pen Fishel White Rocks, cockerel, three hens, only \$7.00. A. A. Pallady, Bloomville, N. Y. 6-1

EGGS FOR HATCHING at half price from Silver Duck Wing Leghorns and Black Leghorns. Frank McCabe, Newark Valley, N. Y. 5-2

S. C. WHITE LEGHORN BARGAINS remainder of season. Eggs, chicks, breeders any quantity. Write quick. Jas. H. Robey, Box 62, Fairfield, Ill. 5-3

BROGDEN'S ROSE COMB WHITE LEGHORNS won at Chicago, St. Louis. Eggs from all pens one-third off in price. Choice matings, \$2.00; others, \$1.00 15. Thos. Brogden, Rush Lake, Wis. 5-2

OUR ROSE COMB BROWN LEGHORNS won three years at Chicago. Pullets lay at 4½ months old. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

SINGLE COMB WHITE LEGHORNS bred to lay, strain of vigorous beauties. Eggs, \$1 per 15; \$2 per 35; \$3 per 55. Infertile eggs will be tested out. This means every egg you get from me will be hatchable. No guess work here. Good size light boxes and cork packing will be used in shipping. This furnishes cushion and even temperature. D. P. Crowley, Lock Haven, Pa. 4-4

SINGLE COMB BROWN Leghorn eggs, hens score 92 to 94%. Wiebke's strain, 15, \$1.50; 30, \$2.50. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

S. C. W. LEGHORNS, the kind that win and lay. None better anywhere, as my record proves. May is the time to hatch them. Order a setting of my eggs now and win at the shows next season. Eggs, \$5 per 15. Harmon Bradshaw, Box A, Lebanon, Ind. 5-2

SINGLE COMB WHITE LEGHORN HENS \$10.00 doz. Eggs, \$1.00 for 15; \$4.00 for 100, express prepaid on 200; 93% fertility in March at sixth day test. Five hundred cockerels hatched April 14 and May 8, 50c each, if taken when weighing one pound. Order now. Elmer Shaw, Grand Junction, Mich. 5-2

TO MAKE ROOM for new stock, will sell 2 and 3-year-old Single Comb Brown Leghorn hens at \$1.00 each, every one guaranteed to be in perfect health and laying now. O. F. Clark, Dallas City, Ill. 5-2

ROSE COMB BROWN LEGHORNS—Kulp's 242-egg strain. Eggs from high-scoring and prize-winning stock, \$1, 15; \$4 per 100. Purple Poultry Farm, Bloomfield, Iowa. 5-2

S. C. BROWN LEGHORNS, the kind that lay and win. Special prices on eggs now; \$1.50 to \$3 per 15. Order now and get the best. Geo. F. Buck, Port Clinton, Ohio. 5-2

LEGHORNS. PURE WHITE LEGHORNS ONLY. Beauties. Dollar setting. Questions answered. Emmet Toepp, Gurley Avenue, Troy (North), N. Y. 4-3

23 YEARS ROSE COMB BROWN LEGHORN Breeder. Tabor Strain. 15 eggs, 75 cents. V. W. Basel, Kent, O. 4-3

BROWN LEGHORNS, BOTH COMES. New York and Chicago winners. Mating list. Freedom Poultry Yards, Freedom, Pa. 4-3

SINGLE COMB BUFF LEGHORNS. Last three Chicago shows won three first, two seconds on seven entries. Catalogue free. George Demlow, Elgin, Ill. 4-3

S. C. BUFF LEGHORNS. Five firsts, three seconds, one third at Waterford. Eggs from best pen, \$2.00 per 15. John Grueter, Burlington, Wis. 4-3

ROSE COMB BUFF LEGHORNS. 13 eggs \$1.00. Leonard A. Waltman, R. 44, New Albany, Pa. 4-3

ROSE COMB BROWN LEGHORNS. Eggs, 29, \$1; 50, \$2.50; 100, \$4. 17 years' experience. None better. Ella Thorp, Mt. Sterling, Ia. 4-3

COATES' STRAIN. S. C. W. Leghorns, better than ever. My eggs have produced winners for most big shows for last two years. Dr. R. C. Coates, Thomasville, Ontario, Canada. 4-3

SINGLE COMB BUFF LEGHORNS, best winter layers. Eggs, \$1.25 per 15. Frank Burdick, Fremont, Ind. 4-3

WELDAY'S VITALITY STRAIN Single Comb Brown Leghorns have a 4 years' entire flock average of 207 eggs per hen yearly. 27 years line bred for vigor and eggs; tested and guaranteed fertile eggs at right prices. Catalog. K. K. Welday, Seville, Ohio. 4-3

RIGLER'S ROSE COMB WHITE LEGHORNS won at the Great Missouri State Poultry Show, at St. Louis, in a class of 99, 5th cock, 3rd, 4th hen, 1st, 2nd pullet, 1st pen. If you want the cream of the country, write me. Geo. A. Rigler, Bentonsport, Ia. 4-3

SINGLE COMB BUFF LEGHORNS. Eggs from Premium birds, line bred, as fine as ever wore feathers, \$3.00 per 15. Eggs from choice selected birds on the farm, \$4.00 per 100. S. M. Keltner, Anderson, Indiana. 4-3

SELECT STRAIN. S. C. Brown Leghorns. Eggs, \$1 per 15; \$5 per 100. John M. Pearcy, Martinsville, Ind., Route 17. 3-4

FOR SALE SINGLE COMB Brown Leghorn eggs, \$1 for 15; \$4 per 100; also bull terrier pups. S. S. Vick, Carterville, Ill. 4-3

SINGLE COMB BUFF LEGHORN eggs, \$4.00 100. John Vaness, South Bend, Ind., R. 5. 4-3

BLACK LEGHORNS of quality. The kind with the golden yellow legs. I have one of the heaviest laying strains in America. Eggs, \$3 and \$2 per 15. R. G. Fluker, Warsaw, N. Y. 3-4

ROSE COMB WHITE LEGHORNS—Won 3 firsts and 2 seconds on 5 entries at Minneapolis, 1910. Stock and eggs for sale. Emil Aker, Marshall, Minn. 3-3

WINNERS—ROSE COMB WHITE LEGHORNS. Lew Nelson, R. 3, Britt, Ia. 2-6

ORPINGTONS.

BLACK ORPINGTONS—We are sold ahead on Black Orpington eggs until June 15th. After that date we will sell Black Orpington eggs from our splendid farm-bred stock at half price. From our best pens, eggs that were formerly \$5.00 per setting, reduced to \$2.50; \$17.50 per 100. Eggs from grand utility stock, formerly \$2.50 per setting, reduced to \$1.25; \$9.00 per 100. Large, healthy, vigorous birds, housed in fresh-air houses, great layers and prize-winners. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess Co., N. Y. 1-10-1 yr.

BLACK ORPINGTONS—Houdans and Red Caps. Winners at the great Valley Fair; eggs \$1 per 13. H. Merriam, Ashburnham, Mass. 6-1

SINGLE COMB ORPINGTON Eggs. Buffs, \$1.00 per 20. Whites, \$1.50 per 15. Breeding stock. Wm. Risley, Smith's Landing, N. J. 6-3

HIGH SCORING FISHEL White Rock eggs, \$1.00 per setting, remainder of season. Merton Cox, Manchester, Iowa. 6-3

SINGLE COMB BUFF—Black, White and Rose Comb White Orpingtons; scored cockerels, scientifically mated breeders. Eggs, \$1.50 to \$5. Hens with baby chicks, \$3 to \$8. Dr. Evans, LeGrand, Iowa. 6-3

LOOK! OUR EGGS NOW HALF PRICE—We hatch all year with good results—so can you. Also sell grand breeders now to make room for youngsters. This includes some of the Buffs that won Judge Stanfield's Challenge Trophy for best Buffs shown last year at Madison Square, Chicago, Cleveland, etc. Our Whites and Blacks are the best in the world. Send for sale bulletin A-A. Cheviot Farms, Cincinnati. 6-1

SINGLE COMB BUFF ORPINGTONS—Score 90 to 94% by Russell and Heimlich; half price, good, \$3.00 bird for \$1.50, and so on. R. M. Seward, Lewistown, Ill. 6-3

EGGS FOR HATCHING—Phelps' famous strain of prize winners. S. C. Blacks or Buff Orpingtons, great layers. \$3.00, \$5.00 per 15. Charles A. Phelps, Fort Wayne, Ind. 6-1

SINGLE COMB WHITE ORPINGTONS—Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

SPECIAL PRICE on White Orpington eggs from eight select pens. No better to be found. See display ad on another page. Brookdale Farm, Hillsdale, Mich. 5-10-11

HAMMETT ORPINGTON FARM, Buff, Black, and White Orpingtons, stock and eggs a matter of correspondence. Chas. Hammett, Mgr., Mansfield, Ohio. 6-1

S. C. BUFF ORPINGTONS, good as any; 30 eggs \$1.50. 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

SINGLE COMB BUFF, BLACK, White and Rose Comb White. Won hundreds prizes. Eggs; pens with baby chicks; breeding stock. Big reductions in prices, now! Dr. Evans, LeGrand, Iowa. 6-3

ORPINGTON SAL-3! Two-thirds of our breeders go at half price to make room. Eggs half price now. Our Baker Buffs last year won best collection at Chicago. Also championship for best Buffs shown last year under Stanfield at Madison Square, Cleveland National Club Meet, etc. Whites include Crystal Palace winners of this year. Blacks—Everyone knows we have the best Blacks. Sale bulletin and catalog free. Milton Brown, Cheviot Farms, Cincinnati. 6-3

BUFF ORPINGTONS—We are sold ahead on Buff Orpington eggs until June 15th. After that date we will sell Buff Orpington eggs from our splendid farm-bred stock, at half price. From our best pens. Eggs that were formerly \$5.00 per setting, reduced to \$2.50; \$17.50 per 100. Eggs from grand utility stock, formerly \$2.50 per setting, reduced to \$1.25; \$9.00 per 100. Large, healthy, vigorous birds, housed in fresh-air houses. Great layers and prize-winners. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess Co., N. Y. 1-10-1 yr.

S. C. BUFF ORPINGTON—Eggs from pen of high-scoring hens, headed by valuable Cockerel, bred by the Originators (son of 1st prize Madison Square Cockerel), \$3 per setting. Heavy laying strain. Mrs. O. J. Richardson, Lewisville, Ind. 5-2

WHITE ORPINGTON EGGS FOR HATCHING. Pen No. 1 headed by that grand big cockerel that won 1st at the great 1910 Philadelphia Show. This cockerel is a wonder in type; big, broad, long back; deep, full breast; extra short shank, and is the best White Orpington I could buy at any price. Mated to four hens that I believe are equal to any four hens owned by any one breeder in America. They have the true Orpington shape, very deep bodied, deep full breast, extra short in shank. Will spare a few settings from this grand pen at \$10.00 per 15 eggs. Pen. No. 2 headed by one of Mr. Kellerstrass' best birds, mated to ten extra low down, grand type hens, the kind you are all looking for. Eggs from this pen, \$3.00 per 15 eggs. I paid Mr. Kellerstrass \$30.00 per setting for these same eggs. Ten years a breeder of Real Orpingtons. Member National White Orpington Club. Member first Orpington club of America. Ed. Biederstadt, Majestic Theatre, Madison, Wis. 5-3

CRYSTAL WHITE ORPINGTONS, Kellerstrass Strain. Eggs from best mating, \$3.00 per setting of 15. Securely packed. Satisfaction guaranteed. Harvey K. Brown, Lock Box 441, Highmore, So. Dak. 5-2

S. C. BUFF ORPINGTONS. Cook Strain. Yard one is headed by a grand cockerel, score 92½, weighs 10 pounds, mated with seven grand hens, selected for size, type and color; \$2.00 for 15. Yard two consists of 10 fine pullets, headed by a beautiful colored cockerel, score 92½; \$1.00 per 15. Ernest Sanderson, Baraboo, Wis. 4-3

S. C. WHITE ORPINGTONS, large, vigorous birds, best layers. Ribbon winners. Eggs from best pens, \$2.00; second pens, \$1.00 per 15. S. S. Kanaga, Taylorville, Ill. 5-2

S. C. BUFF ORPINGTON EGGS—Cook's, Williams' strains, \$1.50 per 15; \$7 per 100. L. M. Voorhees, Jerseyville, Illinois. 5-2

KELLERSTRASS STRAIN CRYSTAL White Orpington eggs, \$2.00 15. Thos. Brogden, Rush Lake, Wis. 5-2

KELLERSTRASS WHITE ORPINGTONS—wonderful layers; 15 eggs \$1.50. Mrs. John Stokes, Route 4, Kankakee, Ill. 5-3

SETTINGS FROM PRIZE WINNING Buffs. Bred for shape and color. Splendid layers. Settings of 15, \$2.50, \$1.50 and \$1.00. Also have some stock for sale. Martin Barklage, St. Charles, Mo. 4-3

SINGLE COMB BUFF ORPINGTONS exclusively. Prize winners wherever exhibited. McClave strain. Heavy egg producers. Golden buff to the skin, large boned, well shaped. Eggs, \$3 and \$2 per 15. Seventy-five per cent fertility. Gray Call Duck eggs, \$1.50 per 15. C. H. Figuers, Fern Hill Poultry Plant, Wake-man, O. 3-4

ORPINGTONS—BUFF eggs, \$2 for 25; Black and White, \$4 per 25. Exhibition matings higher. Send 10c for Black Orpington Club Catalog, containing colored photograph of Club Empress, greatest hen that ever lived. Send 25c for year's subscription for Orpington Magazine. Milton Brown, Cheviot Farm, Cincinnati. 5-3

CLOSING OUT SALE—S. C. Buff Orpingtons, 10 pullets and 1 cockerel. These are excellent colored stock, up to weight, and good Orpington shape. Am selling them in order to breed the S. C. White Orpingtons exclusively. Pullets, \$2 to \$5; cockerels, \$3. Satisfaction guaranteed. Mackey's Poultry Farm, Nevada, Iowa. 3-10-11

KELLARSTRASS CRYSTAL WHITE ORPINGTONS. Carefully selected for their laying qualities. Cut prices on eggs. High class stock. Get my free circular before buying your eggs. H. King, Tappan, N. Y. 4-3

ORPINGTONS.

WHITE ORPINGTONS.—May and June are ideal months for hatching. In our White Orpington eggs we offer Great Quality at very reasonable prices. Our young stock is reared on free range on our 140-acre farm, and all our stock is housed in fresh-air houses, so that we get the finest result in health, vigor and size. Lots of prize-winners in our breeding pens. Forty-five prizes on our Orpingtons last winter. None but heavy layers in our pens. You may not do yourself justice unless you send for our Mating List before buying eggs. We claim to give greater value in our White Orpington eggs than can be obtained elsewhere. Anyway, send for our Mating List, and see how we substantiate our claim. Grannis Brothers, R. F. D. 12, Lagrangeville, Dutchess County, New York. 1-10-1yr

WORLD'S BEST ORPINGTONS. White, Buff, Black, Single, and Rose Comb. Winners of over 1,200 prizes at America's best shows. Catalogue. We can start you right with chicks or eggs. J. S. Haupt, Box 97, Fairview Farm, Easton, Pa. 5-3

BUFF, BLACK, WHITE! ORPINGTONS! Our book illustrates winners of American Championship under Stanfield. Also describes our imported Crystal Palace Winners. Free if you mention this paper, otherwise 2 stamps. Cheviot Farms, Cincinnati. 4-3

S. C. BUFF ORPINGTONS.—Solid Buff from head to tail; good shape and eyes. Eggs for sale. Eggs, \$1.50 and \$2 per 15. Samuel Halsey, Stewart, Ill. 1-6

BUFF ORPINGTON EGGS.—\$1.50 and \$2 per 15; \$10 per 100. Fertility guaranteed; 3 pens large golden Buffs. C. E. Ash, Aquascicola, Pa. 2-4

SINGLE COMB BUFF ORPINGTONS. Stock for sale. Eggs from three high scored pens, headed by sons of Cook's Madison Square cock, \$3 setting. Emma Adams, Wyaconda, Mo. 4-3

S. C. BUFF ORPINGTONS.—Cook strain direct. Eggs, \$2.00 per 15; \$10.00 per hundred. B. S. Long, Little Sioux, Ia. 4-3

BREEDER OF CRYSTAL WHITE Orpingtons. Kellerstrass strain exclusively. Settings, \$3 per 15, or \$5 per 30. Henry Meyers, 604 Elvin Ave., Hamilton, Ohio. 4-3

S. C. BUFF ORPINGTON eggs, from special matings, \$2.00 per 15. Other pens \$1.00 per 15, \$5.00 per 100. Half price after June 1st. Lorten Files, Mill Shoals, Ill. 4-3

KELLERSTRASS WHITE ORPINGTONS. Scored 90 to 95 by McClave. Honest values, square dealings; satisfaction. Eggs, \$2 and \$3 for 15; \$12 100. C. M. McWhorter, Wakeman, Ohio. 4-3

SINGLE COMB BUFF AND BLACK ORPINGTONS.—Winners at Philadelphia and Cleveland. Send for mating list containing cut of "Black Beauty." Book orders for eggs early. Cairngorm Farm, Nottingham, Ohio. 2-5

SINGLE COMB WHITE AND BUFF ORPINGTONS.—Byers and Kellerstrass strain. Fine young stock and eggs for sale at reasonable prices. Also Light Brahmas, cockerels and pullets, for sale from first class stock; eggs in season. Write me your wants; satisfaction guaranteed. M. J. Thompson, Buena Vista, Allegheny Co., Pa. 2-6

FOR ORPINGTON EGGS and chicks. White, Buff and Black, drop postal to the Whitaker Orpington Farm, Attleboro, Mass., R. F. D. No. 4. 2-5

SINGLE COMB BUFF ORPINGTONS.—"The Golden Nugget Strain." We showed six consecutive weeks and won 90 per cent of the prizes, which I think is one of the best showings that can be made in the West. Our mating list will be ready February 10. A postal card will bring it to you. Two pens of high scoring prize-winners. D. W. Boydston, Nevada, Ia. 10-09-1 yr.

FOR THE BEST ORPINGTONS, all varieties, you must send to their originators. Send 6c for illustrated catalogue. William Cook & Sons, Box A, Scotch Plains, New Jersey. 5-09-1f

SINGLE COMB WHITE ORPINGTONS.—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

RHODE ISLAND REDS.

ROSE COMB RHODE ISLAND REDS.—A few bargains this month in some of my prize-winners. As good as the best. Mention American Poultry Journal. Edwin W. Bogert, Port Washington, N. Y. 6-2

IF YOU WANT EGGS the year around and a fine market fowl, get our strain of S. C. Rhode Island Reds. Free range. Satisfaction guaranteed. Eggs, \$1 per 15; \$5 per 100. Crehore Bros., Lorain, Ohio. 6-1

ROSE COMB R. I. REDS. Eggs from high scoring stock, \$2.00 per 13. H. H. Smith, Rutland, Vt. 5-2

ROSE COMB R. I. REDS.—Here is your chance to get the best by placing your order for eggs with me and get those Reds with size, shape and color. This is the month to hatch your prize winners for next winter. Write today for full information. Earl Morton, Monroe, Wis. 6-1

S. C. RHODE ISLAND RED, standard bred. Will please anyone. Thirty eggs \$1.50, sixty eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

S. C. RHODE ISLAND REDS exclusively. A few eggs from choice well mated stock at \$1.50 15. March and April hatched cockerels after August 1. Pure bred, healthy, vigorous stock. Mrs. Lorinda B. Hyde, Marshfield, Mo. 5-3

THEY SAY WILSON HAS THE BEST ROSE Comb Reds in Norwood Park. He has Reds that win and lay in winter. Eggs, \$2 per 15. Day-old chicks, 15c apiece. C. Wilson, Norwood Park, Ill. 5-2

ROSE COMB RHODE ISLAND REDS (Tuttle strain). Pen 1 scored 91 to 93%; \$3 per 15. Pen 2 scored 89 to 91%; \$2 per 15. Mrs. Wm. Franz, R. 1, Avoca, Iowa. 5-2

ROSE COMB RED eggs from prize winning pen. Pure Lester Tompkins strain. Satisfaction guaranteed. Dr. W. C. Bradshaw, Ogden, Iowa. 5-3

CORNISHQUALITY Reds are the world's best Reds. Satisfaction guaranteed. Advertisement inside front cover. 5-10-1f

SINGLE COMB RHODE ISLAND Red cockerels for sale. Score 92 3/4 to 94. Eggs, special, \$3; utility stock, \$2 and \$1 per set. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

EGGS from S. C. Rhode Island Reds that are right. Stock on free range, which insures fertility. Special prices on eggs now. We guarantee satisfaction. R. M. Stafford, Chardon, Ohio. 5-2

SINGLE COMB RHODE ISLAND REDS. The great winter layers. Correct shape and color. Birds and eggs for sale. Settings \$2.00. A. B. Wolf, Mt. Vernon, Ill. 4-3

ROSE COMB RHODE ISLAND REDS. Standard bred birds of quality. Eggs at a price you can afford to pay, \$1.50 for 15. T. E. Marlan, Pontiac, Ill. 4-3

SINGLE COMB REDS EXCLUSIVELY. Home of best in the world. Winners at all leading shows. Eggs, \$2, 15; \$10, 100. After May 15 half price. Stock for sale at all times. William Phillips, Jr., Amsterdam, N. Y. 4-3

MY TWELVE S. C. REDS at Aurora show won four firsts, three seconds, fourth and fifth prizes, thirty-eight birds competing. Stock and eggs for sale. V. Hibner, Aurora, Ill. 4-3

S. C. RHODE ISLAND REDS.—"It pays to buy the best." Stock and eggs for sale from prize-winning pens. Send for 1910 mating list. J. G. Dutcher, Maplecroft Farm, Pawling, N. Y.; H. D. Warner, Manager. 4-3

ROSE COMBED RHODE ISLAND RED eggs from two special pens, \$2 per 15. Other pens, \$1 per 15; \$5 per 100. Half price after June 1. H. Lorten Files, Mill Shoals, Ill. 4-3

ROSE COMB REDS, at Minneapolis, 1910, won 2 firsts, 3 seconds, 3 thirds, best shape, color and display. Catalogue free. Geo. N. Houghton, 520 University Ave., S. E., Minneapolis, Minn. 4-3

ROSE COMB RHODE ISLAND REDS.—Eight years' experience. Eggs, 15, \$1; 30, \$1.75; 100, \$5. Israel Kinney, Route 7, Bellefontaine, Ohio. 2-5

RHODE ISLAND WHITES.

THE FASTEST GROWING CHICKS on earth. "Ask the man who owns some." Send for catalogue and mating list. E. C. Bartlett, Borodino, N. Y. 6-1

THE HEN THAT LAYS is the hen that pays. Rhode Island Whites mature quick. Big layers, fine broilers and roasters. Free catalogue. C. A. Foster, Colonial Poultry Yards, Akron, Ohio. 4-3

MINORCAS.

SINGLE COMB BLACK MINORCAS.—Northrup strain, prize stock, 15 eggs, \$1.25; 30, \$2.00. Wm. Schreck, Waterloo, N. Y., Box 619. 6-2

MEISELBACH WHITE MINORCAS. Eggs half price now. Fine breeding stock for sale. Harry Meiselbach, Melrose Park, Ill. 6-1

HEAVY SINGLE COMB BLACK MINORCAS. Before placing your order for eggs write me for circular. Elmers, 4045 Lee Ave., St. Louis, Mo. 5-2

S. C. BLACK MINORCAS, the kind that lay those large white eggs. A few more settings of eggs to spare from prize winning pens. Write for special prices this month. Ben W. Wilhite, Crawfordsville, Ind. 5-2

ROSE AND SINGLE COMB White Minorcas for sale. Peter M. Wilson, Cold Spring, N. Y. 5-3

ROSE COMB Black Minorcas exclusively. Northrup-Stanton and other leading strains. Twelve years breeding this one fowl. Will win in strongest competition. Insure satisfaction. Send for circular. Eggs in season. Harold Stevenson, Coshocton, O. 5-2

ROSE COMB WHITE MINORCAS, St. Louis-Oshkosh winners. Eggs, \$2.00 15. Circular. Thos. Brogren, Rush Lake, Wis. 5-2

BEST DISPLAY AT CHICAGO, also at Buffalo International on Rose Comb White Minorcas. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

EGGS FOR HATCHING.—If you want strongly fertilized eggs from as good S. C. Black Minorcas as grow I can supply you at prices that are right. All I ask is a trial. I guarantee satisfaction. H. J. Shann, Painesville, O. 5-2

SINGLE COMB WHITE MINORCAS in all their purity. Madison Square winners. William Sapper, Box S, Erie Pa. 4-3

SINGLE COMB BLACK and Barred Minorcas. In Blacks I have three fine pens of prize winners. Eggs, \$5 per 15. In Barred, two fine pens at \$10 per 15. J. Harry Johnston, 23 East Main, Uniontown, Pa. 4-3

ROSE AND SINGLE COMB Black and Single Comb White Minorcas. 15 eggs, \$1.50, from choice stock. Frank Lillebrant, Hart, Mich. 4-3

STANDARD BRED SINGLE C. B. Minorcas. The kind that win, the kind that pay. Eggs, \$3 per setting of 15; \$5 per 30. E. S. Denbo & Son, Orleans, Ind. 4-3

EGGS FROM MY ROSE Comb Black Minorcas, prize winners, Northrup strain, \$2.00 per setting 13 eggs. C. L. Cross, Riverside, Ill. 4-3

HOUDANS.

"FAULTLESS" HOUDANS.—Eggs now half price. \$1.00 and \$1.75 per 15. Fertility guaranteed. W. C. Snider, Kansas, Ill. 6-3

HOUDANS.—15 eggs \$2; dark pullets for sale. Laura B. Reid, Idaville, Ind. 5-3

HOUDAN EGGS, great laying strain. Pen 1, \$1.50; 2, \$2.50; 3, \$3.50; for 15 eggs. Walsh & Archer, 4408 Park Ave., Chicago. 5-2

HOUDANS OF QUALITY, Taylor strain. A few choice cockerels. Also eggs from winners. \$3 per 15. Mrs. Mary E. Such, Montville, O. 4-3

"FAULTLESS" HOUDANS, 287 egg strain. Six elegant pens. Circular free. W. C. Snider, Kansas, Ill. 4-3

HOUDANS—TWO PENS, one headed by first prize cockerel Elmira, 1909, beating the Madison Square Garden second prize bird; the other by his son. Two splendid pens. Standard in color, toe, crest and comb. Five dollars for thirteen eggs. Harris & Blampied, Elmira, N. Y. 4-3

FAMOUS HOUDANS.—Eggs and day-old chicks from greatest layers and Memphis, St. Louis and Indianapolis winners. Catalogue. Prospect Poultry Farm, Orleans, Ind. 2-5

HAMBURGS.

50 S. S. HAMBURGS for sale. This year's breeders, \$1.25 up. Dr. W. F. Reiffert, Quincy, Ill. 6-1

SILVER SPANGLED HAMBURGS, spangled from head to hock. Eggs from two grand pens. Madison Square Garden and Kingston winners. \$2 per 15. P. C. MacDonald, Kingston, N. Y. 4-3

SILVER SPANGLED HAMBURGS. Eggs from fine birds, \$2 per 15. Cedar Hedge Poultry Farm, Savannah, Ohio. 4-3

SILVER SPANGLED HAMBURGS.—Originator of the "Black Diamond" strain. Bred in line for twelve years. First Madison Square winners in my yards. I won every first and special at Columbus, Greenwich, New London and Mansfield, Ohio. Breeders for sale. Eggs, \$2.50 per 15; \$4 per 30. Descriptive circular free. Satisfaction guaranteed. Will L. Clark, Sullivan, Ohio. Member Hamburg Fanciers' Club. 2-10-1f.

LANGSHANS.

BLACK LANGSHANS exclusively, standard bred. Eggs, 15, \$1.50; 100, \$5.00. Mrs. M. L. Shroyer, New Windsor, Ill. 5-3

FARM REARED BLACK LANGSHANS. High scoring birds. Flock in prime condition. Splendid layers. Eggs, 15 for \$1.50; 30 for \$2. S. H. Muck, Mill Shoals, Ill. 4-3

"PEERLESS" WHITE LANGSHANS. First Madison Square, Jamestown Exposition, Boston, Chicago, Cincinnati, Indianapolis, St. Louis. Stock, eggs, chicks. Stamp for catalogue. Kearns-Freston Poultry Plant, Ripley, O. 4-3

ORNAMENTAL.

LONG TAILED JAPANESE Phoenix fowls. Cock's tail, 3 to 4 feet long; saddle feathers, 18 inches. Good layers. Eggs, \$3. Stamp for illustrated circular. S. G. Egger, Lewisville, Ohio. 4-3

ANCONAS.

MOTTLED ANCONAS—The greatest layers in existence. Bred for egg production and purity of stock. Eggs, \$1.50 per 15. W. B. Lashley, Powhatan Point, Ohio. 6-1

MOTTLED ANCONA hens, greatest winter layers. Won first and second Sheboygan Co. Fair. Eggs, \$1.50 per setting. Chas. G. Kalk, Route 9, Sheboygan Falls, Wis. 6-1

ANCONA EGGS FOR HATCHING. Bred for exhibition and heavy winter laying. H. L. Reat, Charleston, Ill. 5-3

MOTTLED ANCONAS, the greatest layers in existence. Bred for egg production and purity of stock. Eggs, \$1.50 per 15. W. B. Lashley, Powhatan Point, Ohio. 3-4

"AMERICAN BEAUTY" ANCONAS, leading strain. First Toledo, Cleveland, Cincinnati. Stock, eggs, chicks. Stamp for catalogue. Kearns-Preston Poultry Plant, Ripley, O. 4-3

ANCONAS—Anconas, dark, well mottled, single comb. Eggs, 15, \$1.50. A. J. Spittler, Cass City, Mich. 4-3

BEDFORD'S ANCONAS—Both combs. Greatest of layers. Get some eggs from my St. Louis, Cleveland and New York first prize winners. H. M. Bedford, Strongsville, Ohio. 4-3

EGGS FROM HIGH SCORING BIRDS. Single Comb Anconas, fifteen eggs, \$5; and three dollars for fifteen eggs Andalusians the same. L. Lanfe, Waukesha, Wis. 4-3

ANCONAS. PRIZE WINNERS Cambridge, Schenectady, North Adams, six special prizes, scoring 92 to 94½, \$2.00 setting. Reply for stamp. Member American Ancona Club. Edw. Allen, North Hoosac, N. Y. 4-3

ANCONAS—GREATEST WINTER LAYERS—Stock and eggs for sale. Paris Ancona Farm, C. H. Zaleski, prop., Paris, O. 2-5

BANTAMS.

"YELLOW JACKET" BUFF COCHIN BANTAMS are undisputed champions. Eggs from finest exhibition matings \$3 per setting, two settings, \$5. Choice stock for sale. Elbridge Bantam Yards, Box B, Elbridge, N. Y. 6-3

BUFF COCHINS. Eggs from first prize pen. Kearns-Preston Poultry Plant, Ripley, O. 4-3

BLACK TAILED JAPANESE BANTAMS, White Japanese Bantams, and Golden Sebright stock for sale. Prices right. Hez. Kinter, Dillsburg, Pa. 4-3

GOLDEN SEBRIGHT BANTAMS. First prize winners 6 shows. Eggs, \$2 setting. George Johns, Oglesby, Ill. 4-3

GOLDEN SEBRIGHT BANTAMS. Eggs, \$1.50 per 15. Fred, 1718 Nelson St., Chicago, Ill. 4-3

BANTAMS—BLACK REDS, Red Pyles, Rose Comb Blacks. Eggs from prize winning and high scoring birds. None better. S. B. Faxon, Schenectady, N. Y. 4-3

LIGHT BRAHMA BANTAMS. Winners at Toledo, Columbus and Indianapolis. Eggs, \$3 per 15. Stock for sale. John Ryan, 1112 Oak St., Toledo, Ohio. 4-3

EGGS FROM MY PRIZE winning Black Breasted Red Game Bantams, "Parker Strain." Eggs from utility pens, \$2.00; prize winners, \$3.00 per setting of 13. Have some fine young Cocks to sell at from \$2.00 each up. C. L. Cross, Riverside, Ill. 4-3

AMERICA'S GREATEST BANTAM BREEDERS. Send 2c stamp for circular. Egg orders booked now. Japanese, Sebrights, Cochins, Games, etc. Silver cup winners. Address, Fens of Delavan, Wis., Box 37. 8-1f

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr.

POLISH.

KAKUSKA'S STRAIN OF WHITE CRESTED BLACK Polish, Plain and Bearded White Polish, and Silver Bearded Polish are the recognized leaders of the west and this season's winners of Silver Cups, Cash Specials, 20 First Prizes, and 12 Second Prizes at Chicago, Cleveland, Milwaukee and Blue Island shows. Stock to suit the most particular. Satisfaction guaranteed. Eggs, \$2 and \$3 per setting. Frank Kakuska, State Vice-President American Polish Club, 1629 Homan Ave., Chicago, Ill. 3-4

SPANISH.

WHITE FACE BLACK SPANISH—Best in America. Eggs, \$1.25 for 15. Stock for sale. Satisfaction guaranteed. Circular free. M. H. Lindsey, Northville, N. Y. 6-3

BUTTERCUPS.

FOR BEAUTY and the production of eggs this breed has no competitors. Descriptive circular free. G. W. Weitz, Wampum, Pa. 5-3

ANDALUSIANS.

BLUE ANDALUSIAN eggs, \$2 per 15. Satisfaction guaranteed. Circular. E. J. Wyant, Burns, N. Y. 5-2

BLUE ANDALUSIANS. Ten years winning and laying. Eggs, \$2 per 15. Robert Street, Falconer, N. Y. 4-3

BLUE ANDALUSIANS—Exquisitely beautiful. Winners everywhere. New York, Jamestown, Baltimore, Washington and Richmond. H. Council, Warrenton, Va. 11-09-1mos.

GAMES.

EGGS FOR HATCHING from Standard Games and Ornamental Bantams. Write for prices to R. J. Snyder, 1170 Cottage Grove Ave., Grand Rapids, Mich. 5-2

IRISH DARK REDS and Red Pyle Pit Games have never met their equal yet. Stock and eggs for sale. A. J. Tucker, Watseka, Ill. 4-3

GAMES, GAFFS, COCKERS' SUPPLIES. Stamp for illustrated catalogue. H. P. Clarke, Mansure Building, Indianapolis, Ind. 9-09-1yr

SNOW WHITE INDIAN Games. Stock and eggs. J. D. Pate, Sharon, Tenn. 3-4

BABY CHICKS.

BABY CHICKS THAT GROW. R. I. Reds, White Rocks, Buff Orpingtons, White Buff and Partridge Wyandottes, from best of stock, 15 cents each. Bert L. Allen, Route 5, Aurora, Ill. 5-2

BABY WYANDOTTES, all colors, high scores, strong chicks, great layers. Arrival guaranteed. Roy Bowers, Sycamore, O. 5-3

BABY CHICKS. FAMOUS SUNFLOWER strain of Barred Plymouth Rocks and Brown Leghorns. Greatest bargain out; \$10.00 per hundred chicks. Order quick. Mrs. W. F. Cristman, Sundowner Hatchery, Scottsville, Kan. 5-3

BABY CHICKS FROM PRIZE WINNERS. White, Buff, Black Orpingtons; White Wyandottes; R. I. Reds; S. C. White Leghorns; Barred Rocks. Write Fairview Hatchery, J. S. Haupt, Easton, Pa. 5-3

BABY CHICKS—We have only one variety, and that is the Barred Plymouth Rock. We can supply you with baby chicks from our prize winners at \$6 per 25, \$10 per 50, \$15 per 100, that will live, grow and win. Order direct from this ad and save time. We guarantee satisfaction. Pittsfield Poultry Farm, 102 Main St., Pittsfield, Maine. 5-2

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-8

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1-6



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6-1



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Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale. Day old chicks from our best stock for sale from March 15 to June 1.

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Last call to victory for next winter's winners. June is the best month. Riley's eggs the eggs.

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Have won three times as many first prizes and silver cups, four times as many special ribbons, as all Ancona breeders together. In both Single and Rose Comb classes in the great national 1910 meeting of the International Ancona Club. For four consecutive years my birds have won four times as many first and second prizes at the Madison Square Garden show as well as all my competitors combined. Have won first at Dairy show, London, England, and many firsts at Cleveland. My birds are not only noted as prize winners, but are famous for being such heavy winter layers. A flock of Sheppard's Famous Anconas has laid the wonderful average of 256 eggs for each hen for year. Can furnish you with hatching eggs that will produce prize winning and heavy laying stock. Rose or Single Comb. Circular free.

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I breed exhibition quality and my birds win

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The World's Best. Work and Win strain. All my breeders for sale at a bargain. : : :

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In Barred Rock Eggs, Also Breeding Stock, Half Price

Will sell you eggs from all my choicest matings at one-half former price. \$10 eggs now \$5; \$5 eggs now \$2.50. Better get a start of my Blue Boy strain. All my breeders go at bargain prices, either single, trios or mated pens. This is your chance. Write for catalogue and prices.

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Their laying qualities have never been equaled. Their winnings at the leading exhibitions have put them in a class by themselves. EGGS from May 20th to September 20th at half price.

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World's Champion of 1906,
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Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line.

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Raised and Bred by Bradley Bros., Lee, Mass., than Any Other Exhibitor has won on ANY Stock. 20 Per Cent More 1st Prizes on Cockerels and 11 Per Cent More 1st Prizes on Males.

☛ All of the Silver Cups Competed for have been Won By Us 3 Times out of five.

☛ **Four 1st, Four 2d and Three 3d Prizes, besides other awards** have been Won by Us at a Single Madison Sq. Garden Show.

☛ **THREE TIMES** have Males of Our Breeding Won **FOUR OF THE FIVE PRIZES** offered in the Class; INCLUDING FIRSTS.

24 OF OUR "LEE BELLE" LINE

Of Females have been **First Winners** at New York Shows Alone, First Prize in each of the Two Largest Shows and the Championship Prize in what was considered the Strongest Female Competition of the Year, is a Recent "Lee Belle" Record by Birds We Bred, Raised and Sold. (We have permission to state this, also the other records here referred to.)

☛ **First Prize Winnings** at Chicago and Kansas City and at the Largest Shows outside of New York which our birds have won for our customers should alone be SUFFICIENT to DEMONSTRATE THE SUPERIORITY OF OUR STRAIN.

AFTER MAY 20th we will commence to sell the finest lot of breeding and exhibition birds we ever offered for sale; both old and young stock, bred from these same lines of New York and Boston 1st Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding Exhibition Cockerels and Exhibition Pullets—birds that can be DEPENDED upon for first-class results.

Reduced Prices ON EGGS AFTER JUNE 1st from BEST PENS WE EVER OWNED, \$4 per 13. ALL SELECTED PENS; BEST ONLY. Are using fewer Breeders but more Quality, and WE INCLUDE EGGS WORTH \$25 PER SETTING.

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In cocks, hens, cockerels and pullets I offer choice specimens with deep round breasts, broad backs, well spread tails and snow-white plumage. Birds which will lay eggs and win ribbons for you. All farm raised, healthy, vigorous stock. Write at once telling just what you need. **Harry W. Britton, R. F. D., Moorestown, N. J.**

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Buff Orpingtons, Buff Rocks, Buff Leghorns, Buff Wyandottes, Buff Cochins, Turkeys and Water Fowls. The greatest winter laying and prize winning strain in America. 5,000 prizes to their credit. Prize breeders and show birds at half price. Sale circular free. Big 100-page poultry book, 4c stamp.

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200-egg strain. You can now get eggs from my Chicago, Missouri State and Milwaukee winners at half price. Also baby chicks and my breeders at a low price. **J. S. Pennington, Box A, Plainfield, Illinois**

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Silver, Golden and White—We offer several hundred head of our this year's breeding birds at less than half price, including 200 of the finest cock birds ever offered. We will sell finely mated pens of 4 hens and 1 male at \$10, \$15, \$20 and \$25 per pen, or birds in any number. Fine exhibition birds to spare or the best stock birds, all bred from our New York, Chicago and other noted winners. A rare chance to secure this finely bred stock at a low price. Line bred for 28 years. Heavy layers and exhibition bred as well. Eggs, the balance of the season, at \$2.50 and \$1.50 per setting from our fine matings or by the hundred at \$10 and \$14. Large circular. Fine color pups cheap.

Ernest C. Keller

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Prospect, Ohio

Single Comb White and Black Orpingtons and White Leghorns

Day-old chicks and eggs for hatching. Stock from present breeding pens for sale after July 1st at bargain prices.

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Great Reduction Balance of Season on Single Comb White Leghorn Eggs

Guaranteed to be from our "Snow Fluff" strain of noted prize winners, including first pen at the great Cleveland show. Eggs, \$1.50 to \$3 per setting, \$8 per 100. Most of the winning Leghorns at the big shows are hatched in May and June. 500 grand breeders for sale after June 15 to make room for young stock. See write up in this issue.

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Rose and Single Comb. Breeders of quality at bargain prices. This season's females at from \$5 to \$10; males from \$15 to \$50. Eggs half price. Get our sale sheet.

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Columbians Now is the time to hatch your chicks for next Winter's shows as the best colored birds are hatched in the Summer months. Five of the grandest pens ever mated. Eggs going fast at \$3 per 15, \$5 per 30. Some good birds for sale, including 2d prize cock at Grand Rapids show, Jan. 17-21, 1910 for \$5. **J. G. Van Dyk, Station C, Grand Rapids, Michigan**

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We are offering some real bargains in this year's breeding stock of land and water fowls. Let me know your wants and send for free catalog. **B. F. Kahler, Vice-President W. H. Hamsport Poultry Association, Box A, Hughesville, Pennsylvania.**

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The superior kind eggs from choicest matings 1/4 price. Few breeders for sale cheap. Winners at Erie, Cleveland, Youngstown. Won 200 ribbons. Please write. **F. W. Peters, 460 E. 18th St., Erie, Penna**

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Pairs, trios or pens. Entire stock of first class birds.

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Buff, White and Black Cochins. My 8-page catalogue sent free on receipt of 2c stamp. **Geo. M. Hill, Station 1, Jackson, Michigan**

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Winners at best shows in Ohio, 1909-10. Eggs from pul. and chl. matings half price after June 1st. Free circular.

H. Burkholder :: Clyde, Ohio



"Quality" Barred Rocks

Breeders for Sale Now

I have hatched a great number of chicks from my superb pens, hence all of my CHAMPIONS OF THE BREED are offered at low prices. There is time now for you to get some fine chicks from these excellent breeding birds. I have cockerel and pullet breeders in plenty and they will go at right prices. If you want some of the stuff that I have reserved for my own breeding get your orders in now. Before the egg season started I was sold out of stock and returned many orders. Now if you want the quality you could not get before let me know. Correspondence is a pleasure if you mean business. I have one thousand chicks growing and invite you to come and pick out what you want or will take great pains to tell you exactly what it is.

Amos Burhans :: Box A, Waterville, Minnesota



First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

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ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS

—AT—

New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.



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A. C. HAWKINS, Lock Box 25 Lancaster, Mass.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality. Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois



Light Brahma Bargains

We will sell 50 cocks, 1 and 2 years' old, including some of our very highest class birds, at \$5, \$6, \$8 and \$10, each according to quality. We sold birds of this grade earlier in the season at from \$10 to \$35 each. Some of our splendid utility one-year-old cocks at \$3 and \$4 each. Satisfaction guaranteed in every case or money and return express charges refunded. Order at once and get a great bargain. Send 10 cents, silver or stamps, for our handsome Light Brahma book. Address

RIVER HOME POULTRY YARDS

BOX B

PERRYSBURG, OHIO

VOL. 41

JULY, 1910

NO. 7

AMERICAN POULTRY JOURNAL



BARRED PLY. ROCKS - S. C. W. LEGHORNS

ANNUAL SPRING SALE: Now is the time to pick up some of our breeders that have become famous throughout the country by the clean sweep made by their youngsters. We are compelled to sell some of them to make room for our young stock. And by the way, this is the time to look up exhibition birds for the summer shows, as our early hatched chicks are showing quality, and we feel that they will again lead in their respective classes. Write for particulars.

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Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
Eggs for Hatching : : : Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

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FREE CATALOG, with photographs, describing 20 pens of the best Rhode Island Reds ever mated up. Both combs. Headed by such noted males as CHICAGO KING, etc. Winners at Chicago, Cincinnati, Indianapolis, Detroit, Toledo, Milwaukee, etc. Eggs \$5, \$10, \$15 and \$20 per 15, now half price. Regular \$10 per 100 eggs, now \$6; any quantity. Breeders for sale.

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RUDY'S PERFECTION WHITE WYANDOTTES

EGGS AT HALF PRICE

BARGAIN PRICES OF EGGS—General run, (i. e. eggs from all pens), \$2.50 per 15; \$4.50 per 30; \$6 per 45, \$12 per 100. If from pens of your own selection, \$5 per 15; \$9 per 30; \$12.50 per 45. These eggs are from my regular pens as shown in my mating list. If you are just starting in the poultry business or are a breeder and need some new blood in your flock, here is the opportunity of a life time. "PERFECTION"—weight 10½ lbs. My noted prize winner, as well as a large per cent of my best exhibition birds were June hatched. Give your chicks plenty of shade and watch the results. All orders for eggs filled promptly. My handsome illustrated mating list is free for the asking.

Rudydale Poultry Farm : : : Geo. H. Rudy : : : Box A, Mattoon, Illinois

THE.. BEST

White Ply. Rocks : : R. C. R. I. Reds
Bearded Golden Polish

Stock and Eggs Always For Sale

A. E. MUTH : Box 129, Route 15 : WEST ALLIS, WIS.



MARY

S. C. Red pullet. Rich, even red, with black tail and correct wing markings; oblong body; the laying type to be found in the Red Raven strain.

DO YOU KNOW HALF SINGLE COMB R. I. REDS PRICE

You can now buy EGGS From ZIMMER'S RED RAVEN STRAIN at

and that they have "superior R. I. Red quality," to be found only in the Red Raven strain. We know this, our old customers know it and we want you to know it, so we are going to offer you eggs from our very choicest matings at **half price**.

Pen 1 is headed by Red Raven 6th, a bird with grand type and one even, rich, brilliant red color from head to tail. **Pen 2** is headed by Red Raven 5th, a tested sire of show birds for the last two years. We did get \$15 for eggs from these two pens; **price now only \$7.50**.

Pens 3 and 4, all fine birds, nearly as perfect as pens 1 and 2. **Price now only \$5**. Some of our customers are reporting 100 per cent fertility. Any way, we guarantee satisfaction. Send order at once. Two-color catalogue free. Stock in August.

J. G. Budde & Co., Successors to C. W. Zimmer Oak Park, Illinois

ORPINGTON SALE



From kodak snap shot; not retouched

EGGS now half price. Here is a chance to get best blood in America at moderate prices. If you keep chicks in shade and free from lice you will be astonished at your success with summer chicks.

The Cheviot Farms announce a special sale of birds used in breeding pens this year including the BUFFS that won Judge Stanfield's trophy for best Buffs he judged last year at Madison Square, Chicago, National Club Meet, etc. Also some grand imported birds from the yards of four of the leading English breeders.

In **BLACKS** we offer some priceless cocks and hens of pure Empress blood to make room for our growing youngsters.

In **WHITES** we offer several hundred grand breeders including the champion cockerel of England this year, winner of \$250 challenge trophy; also Crystal Palace winning pullet, etc. Some really grand breeders at from \$5 each per bird up; also some February hatched chicks ready soon for fall fairs, etc.

Remember, we have now an English agent who will accept orders for any bird bred in England—ship on approval and if not satisfactory you may return the birds and get your money back of us.

We are now booking young trios as low as \$10 that are fine birds. Send now for sale bulletin A-A. Also, don't forget to send 25c for year's subscription for the Orpington Magazine, or add any 50c magazine for 25c more.

Milton W. Brown, Cheviot Farms, Cincinnati, Ohio

Buff and White Orpingtons

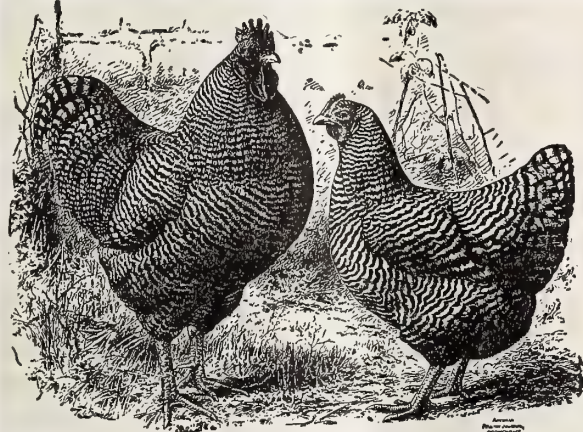
The Oldest Specialty Breeders in the U. S.—Our show record on Buffs at Madison Square Garden is unequalled—winning silver cup for best display, showing only nine birds and having seven points more than our nearest competitor. In same show also won handsome silver cup for best cockerel. Our winnings at Chicago, where we won more firsts than all competitors, can not be equalled. Can there be any question where you should order your stock and eggs? Send for free mating list. We are quoting special prices to close out some grand breeding stock at this time. We breed for quality, health, vigor and egg production. Write us your wants.

J. M. Williams & Co. : Box B : North Adams, Michigan

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All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per '15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio



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MY SPECIALTIES:

All Breeds Plymouth Rocks All the Orpingtons
All Varieties Wyandottes All the R. I. Reds

I breed all varieties of birds as above and breed them in their highest excellence. The newer varieties, such as Silver Penciled Plymouth Rocks, Partridge Rocks, Columbian Rocks, Columbian 'Dottes, are here in my yards in all their gorgeousness. I have one thousand head to offer to the trade, all bred from my choicest pedigree matings and direct from the yards of the originators and winners at Chicago, Boston, New York, Buffalo and the big state shows. My big annual poultry book filled with practical matter and full of the secrets of success for two red stamps to pay postage.

Also breed Cornish, Buckeyes, Pit Games and Bantams. My yards are the most complete in the northwest. I make a specialty of breeding trios at ten and fifteen dollars. Every bird banded with my name on sealed band to insure quality. I bear in mind that you want something better than you have. Let me know what you want.

BREEDER : EXPORTER : IMPORTER

Amos Burhans, Box A, Waterville, Minn., U. S. A.

If You
Would Be
Speedily
Successful
In
Chicken
Raising

FOLLOW the example of others who have started with foundation stock from the Newtown Producing Co. after failing utterly with other breeds : : : :

Newtown White Leghorns Never Disappoint in Results

It stands to reason that birds bred and raised under the ideal conditions achieved in this thoroughly up-to-date, progressive poultry plant should be matchless in vitality, valuable as layers and exhibition birds, and pure in strain.

Write us today for further particulars on

Limited Number of 8- to 10-Weeks'-Old Pullets;
Unexcelled Lot of Exhibition Birds; High-Class Utility Breeders; Hatching Eggs; Greatly Reduced Prices

Will send you our revised mating list, giving complete description of the birds and prices.

NEWTOWN PRODUCING CO.
BOX 173 : : NEWTOWN, BUCKS COUNTY, PENNSYLVANIA

Buff and Black Orpingtons

Famous Phelps strain. Quality, not quantity. Eggs, half price June 1st. Choice settings, \$3, \$5 and \$10 per fifteen. CHARLES A. PHELPS, Orpington Specialist, Fort Wayne, Indiana.

R. C. W. Leghorns

40 acres of the blue ribbon kind. Send for catalog.

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2000 Early Hatched**Chicks**

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High quality birds from this season's matings for sale cheap. Write your wants. : : : :

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"Wincoe Strain" of heavy layers,
Yearling hens for sale; \$1 each.

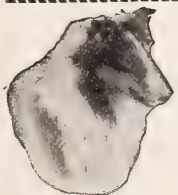
— Allan J. Coe —

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From exhibition, laying and utility strain. Unexcelled for blood lines and laying qualities. From breeding pens, \$5 per fifteen. From sale and utility yards, \$2 for fifteen; \$6 for fifty; \$10 for one hundred. One-half price after May 15. Cockerels and pullets at reasonable prices. Send for mating and price list.

Pangalow Farm, R. 12, Indianapolis, Ind.

**SCOTCH COLLIE SALE!**

Puppies, brood matrons and stud dogs from imported stock. Give description of what you want and save me describing all I have. Price will be governed according to age, sex and quality. Book on training, 25 cents.

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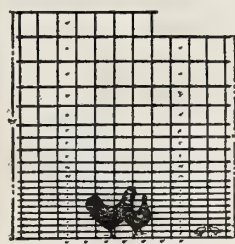
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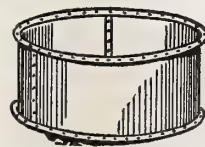


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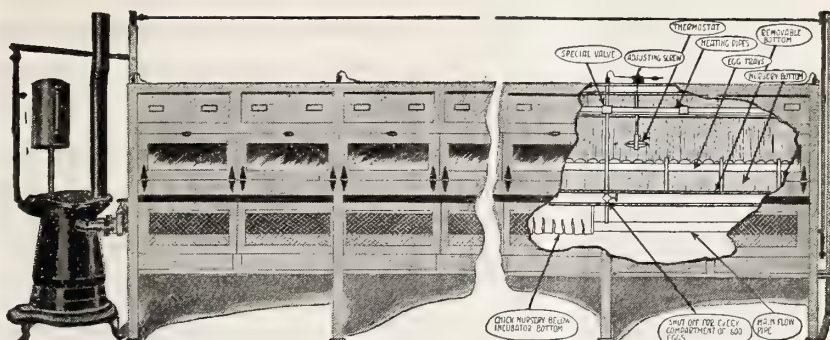
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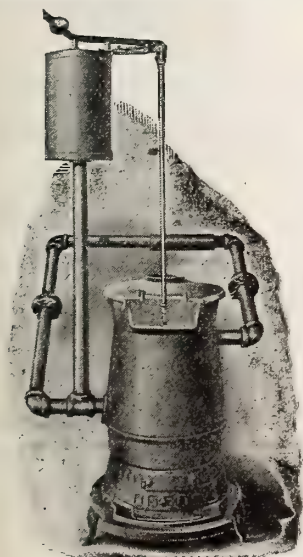


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THIS YEAR'S SHOWING

We do not expect to show at all this year and this means something to you. We shall govern ourselves accordingly and sell stock that we otherwise would not think of selling. Again we are preparing to make early agreements with our customers as to fitting a string for showing at the important shows, as we will not be represented. We will be glad to make our early proposition for guaranteed winners. We have been in the show room every year for six years, this last year showing over 300 birds, and we believe we merit a rest and feel that in the end we can do many things for our customers that we have not yet done. Early correspondence is both solicited and advised.

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Are you looking for bargains in stock? If so, why? Surely so you may get a good value for a small expenditure of money? Have you ever tried to carry over 150 or 200 cockerels for cock birds, from the early summer till late autumn? It is difficult to do it; takes a lot of space and is expensive. We have a large number of females in all varieties to go with the male birds. We shall not issue a bargain sheet as in previous years, but ask our customers to write us definitely just what they wish and we will quote to them exactly what we think they want. We shall make an individual matter of each and every application. Both Mr. Delano and Mr. Owen are going to devote themselves to this purpose for the next two or three months and you will get satisfaction, both in your correspondence and in the birds we offer. Please remember we cannot get anywhere unless you are frank with us and tell us what you want.

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Why are you looking for bargains in eggs? Because you want the best and are limited in the amount of your expenditure. Now, what do you have to give up in getting a bargain? I tell you not quality, not satisfaction in hatching and in fertility, in fact nothing that makes success in following years. All you give up is the time at which you can purchase. You can get breeding birds from eggs hatched in June and July, up to the 10th of August, and in quality you can get a foundation that you cannot get in any other way, and in getting our eggs at half price after June 1st from Plymouth Rocks and Wyandottes, and after June 10th from Buff, Black and White Orpingtons, you will get the best of it in quality and hatching and in the foundation stock for breeding next spring at a low price. This is particularly true of White Orpingtons, which we shall set right through, as the quality is most extraordinary.

BUFF ORPINGTONS

Nearly every one is aware what we have in our Buff Orpington flock, and when we suggest that you get into correspondence with us concerning it you will readily understand that we are looking out for your interest as well as our own. Our trade in this variety has been enormous. It is more popular than ever and we are sure that it is going to continue to advance in popularity and in importance. Our winnings in this and other varieties you can get from our catalogue and mating list, which we will only be too glad to send you if you have not received it. Males and females in this variety at all prices and one-half of our flock which we will be willing to sell any time after the middle of June.

BLACK ORPINGTONS

In this variety of the Orpingtons we have some sterling males and females. A goodly number of cockerels carried over and can spare you such as you are wishing in any quality you may name. That this beautiful, large, typical Orpington is coming more popular every day is true and you can make no mistake in getting a small foundation flock for your use as show birds during the coming winter and as breeding birds the following spring. Our catalogue tells of the origin of our stock and how successful it has been both in England and in this country, and that no one can offer better breeding stock or show birds in this variety is a fact.

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This is where we can meet your wishes after June 15th. We have and will sell some of the grandest Whites that have ever been imported into this country and have only to tell exactly what you want, the quality you wish, and the description we can give you of particular birds will certainly induce your further consideration and final purchase. There is no doubt that today we are better equipped and in shape to give you a grand pen of birds and a good start in the White Orpington than any other breeder.

WHITE WYANDOTTES

What we said above about showing means something particular in White Wyandottes. We have the finest birds to offer that any one could expect to find, and if you tell us what you wish to accomplish in the show room and in breeding, and if you are really looking for something that is particularly good and at a reasonable price, don't fail to get all the information we can give you in regard to White Wyandottes. Our first pen at New York, which you have had a chance to see in the papers recently, our winnings at Boston and New York, which were phenomenal, indicate the quality of birds we have, and we shall be glad to take up special propositions for showing in the autumn or winter, or the consideration of stock which we believe will develop into the winners. We will make you a special price at this time.

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For Barred Rock breeders we have something especially good. A large number of females, both in cockerel and pullet matings, that are exactly what you are looking for to strengthen your string for showing and to make grand breeding birds for you for the following year. In male birds we still have a fairly large number and can give you something that will be both pleasing and satisfactory at the price. We urge you to see what we have. Our first pen at New York, which has been in all of the papers, gives you an idea of the shape and quality of birds that we can offer. We also won the first pen in the pullet mating, and in both lines we can probably do more for you, and will, than any one else.

WHITE PLYMOUTH ROCKS

On account of our enormous egg trade in White Plymouth Rocks we have a very large number of exceptionally fine male birds and females, which at this time we are ready to offer you. As near perfect in type as they grow, as white as any White Rocks in the world, and possessing the quality that in every case wins both for ourselves and our customers. We are positive that you cannot do yourself greater good than to get in touch with us promptly in relation to stock which we have to offer.

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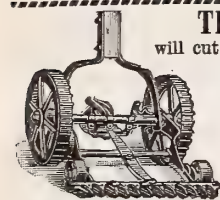
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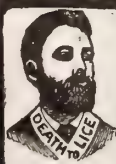
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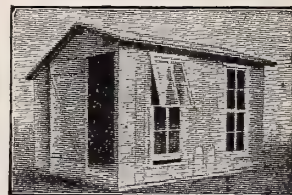
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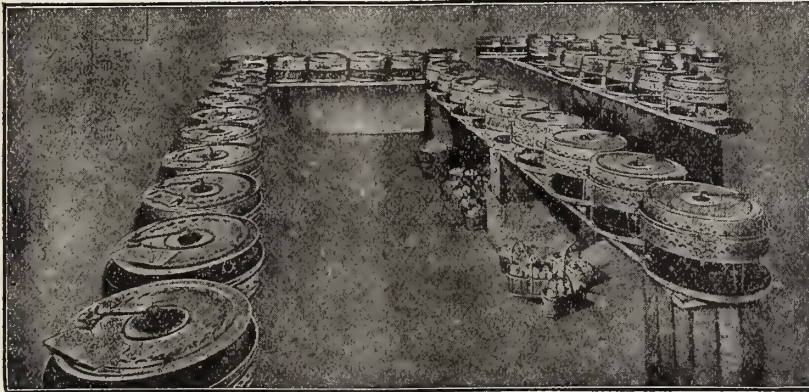
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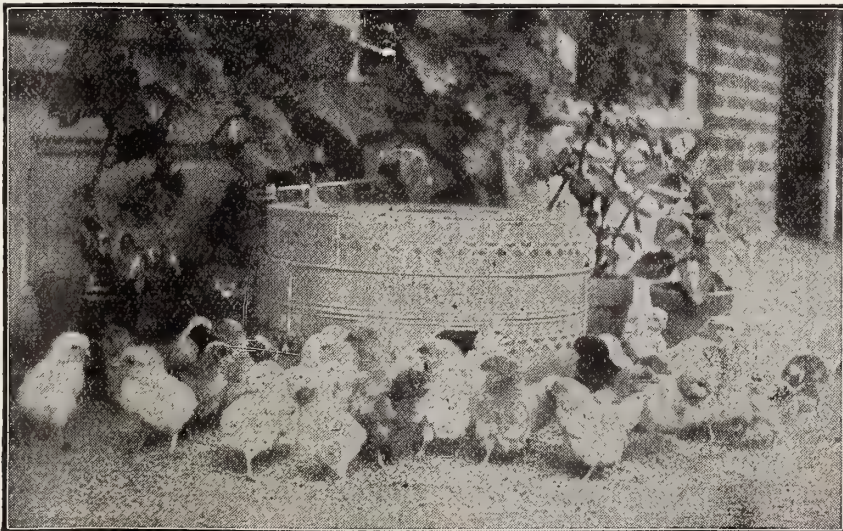
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Better poultry without it.

Artificial Incubation

About opening incubator during first week.

Avoid too much cooling.

Changing position of eggs.

Cooling the eggs at night.

Cooling the eggs on special days.

Overcoming defective work of first week.

Generation of heat by growing chicks.

Never set eggs in two layers.

Rules for second and third weeks.

Temperature of working room.

The cause of failure.

The instinct of the hen.

To raise temperature quickly.

Use of woolen cloth and hot water.

Watch the damper and regulator.

Best Age for Breeders

Best results from year-old hens.

Hatching in February and March.

Hens from five and ten years old.

Winter hatched pullets quick moulters.

Breeders for Broilers

Breeders for Exhibition

American Standard of Perfection.

Chicks from first eggs after mating.

Keeping careful records.

Use of leg bands.

Breeding in Line

Bad effect of in-breeding.

To insure good qualities of your birds.

Brooders

Disadvantages of wooden brooders.
Brooder coop advantages in getting fertile eggs.

Brooding without artificial heat.

Baby chicks outdoors in zero weather.

Large brooders a mistake.

Metal Mother first week in cold weather.

Number of chicks in fireless brooder.

Use of fireless brooder.

Perfect conditions and better birds.

Care of Breeding Stock

Adaptability of our summer and winter coops.

Hardening fowls to cold weather.

Must be protected from draughts.

Wintering breeders in barn loft.

Coop Construction

Of brooder coop.

Of summer colony coop.

Of winter colony coop.

Of combination economy coop.

Double winter coop.

Fireless brooder.

Feed hopper.

Galvanized iron trough.

Egg Production

Early laying pullets best producers.

Good points of a productive hen.

How to get large egg yields.

Large hens not best.

Laying in cold weather.

The color of eggs.

The hen for market eggs.

Measuring food bad practice.

Sprouted oats.

The rest periods.

Eggs When Prices Are High

Bringing the highest market price.

Hatching in winter.

Out-of-date methods.

Summer and fall chickens.

Natural breeding season.

Fertility

Fertility and feeding.

Fertility after mating.

Fertility after separation.

Results of change in mating.

Sure results after two weeks' mating.

Food

Cooked lean beef.

Cut clover.

Chick's first food.

Feeding the first three weeks.

Feeding from three to eight weeks.

Feeding from eight weeks to maturity.

Full crops at night.

Formula for wet mash.

Food for cold weather.

Green cut bone never given.

Green food at 15 cents a bushel.

Give hens all they will eat.

Hens properly fed.

Never feed grease except for fattening.

Oats spaded in dirt daily.

Straw on floor.

Sprouted oats.

Supply bulky food in the morning.

Water supply and egg supply.

Winter food.

Gapes

Grading

Green Cut Bone and Infertility

Hatching

Get ready before ordering eggs.

Keep in advance of your business.

Hatching with hens.

Active hens the best setters.

Changing eggs in the nest.

Cleaning eggs.

Nests on ground no better than in the barn loft.

Raising the chicks in our brooders.

Saving the chicks by removing the eggs.

The causes of poor results.

Helping the Chicks in Hatch

Chicks properly grown can all be saved.

How to save them.

How to Start

Buy the best eggs obtainable.

Foundation stock hatched in February and March.

Guaranteed fertility.

Starting with two pairs of birds.

Starting where you now live.

How to Use Coops

Large and Small Flocks

Egg production.

Advantages of small flocks.

Leg Weakness

Indigestion the cause.

Remedied by care in feeding.

Seldom occurs when chicks are on the ground.

Lice

Put powder on brooder cloth.

Use of boiling water.

Use of wood ashes for hens.

Location

A combination for an acre lot.

Natural grit.

Sandy and gravelly soil.

Stony and lumpy soil to be avoided.

The new Philo plant and grounds.

Keeping Eggs for Hatching

Evaporation of moisture decreases the vitality of the chick.

Germ killed by high temperature.

Low temperature not disastrous.

Natural position for keeping eggs for hatching.

Not best to turn eggs daily while waiting.

Temperature and evaporation.

Temperature.

Two weeks the limit for keeping eggs to hatch.

Setting eggs the day they are laid.

Moisture

Evaporation while waiting for hatcher.

Excessive moisture produces too large a chick for the shell.

Supplying moisture the last week.

Too little moisture and the results.

Pedigree Breeding

Banding chickens.

Expanding the leg bands.

Mating the birds.

Record difficult to keep.

Sixteen toe marks.

Plans for a Large Plant

600 coops on two acres to accommodate 10,000 chicks.

Poultry Helps the Garden

Mixing the fertilizer with soil.

Value of the fertilizer.

Pullets

Properly matured in space of one and a half square feet.

Winter hatched pullets as breeders.

Results of Philo System

\$1,500 a year from 60 hens.

\$1,500 a year for market eggs from 1,000 pullets.

Average eggs hatched and chicks raised.

Another estimate of profits, chiefly from broilers.

Cost of starting a broiler farm with 60 lampless brooders, coops and incubators.

Setting brooder-hatcher Dec. 10.

Plan of new grounds.

National Philo Poultry Institute.

Selecting Breeders

Advantages of selecting new breed.

As to the superiority of breeds.

Breed a matter of choice.

Making setters of non-setters.

Productiveness between rest periods.

Strain considered above breed.

The good breeding hen.

Width of hen and general make-up.

Selection of Hatching Eggs

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Vitality of male and female.

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Theories without foundation.

To make a living from poultry.

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Ordinary good stock.

Prices of eggs and profits per hen.

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Raised in space of one square foot.

Tender as squab when closely confined.

The food and care of broilers.

To prevent leg weakness keep on spaded ground.

Use of salt and of milk.

What investment and profit to expect.

Winter Quarters

Adaptability of houses already built.

Comfort of the fowl.

Importance of ventilation.

Keep flocks small.

Ground not so important for mature hens as for young and growing chickens.

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There is nothing in the world like it. It contains over 200 large pages, handsomely illustrated. A number of most beautiful Colored Plates of Fowls, true to life. It tells all about all kinds of Thoroughbred Fowls, with life-like illustrations, and prices of same. It tells how to raise poultry successfully and how to treat all diseases common among them. It gives working plans and illustrations of convenient Poultry Houses. It tells all about

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It gives full instructions for operating all kinds of Incubators. This chapter is marvelously complete and worth dollars to anyone using an incubator. It gives descriptions and prices of Incubators, Brooders and all kinds of Poultry Supplies. In fact, it is an encyclopedia of chickendom and will be mailed to anyone on receipt of only 15 cents. Your money returned if not pleased. C. C. SHOEMAKER, Box 802, FREEPORT, ILL.

McDanell's Golden & Columbian Wyandottes

Eggs \$2 for 15 for rest of season. Will guarantee good hatch and take your word for it. Greatest prize winning strain.

Old Homestead Farms, J. H. McDanell, Prop., Rte. 2, Warsaw, Kentucky

Rose Comb Brown Leghorns

The kind that have a record behind them. Exhibition stock and eggs a specialty. Write for mating list and show record.

H. C. FRANKLIN - - - TOWNSHEND, VERMONT

STYERS' COLUMBIAN WYANDOTTES

Our stock has won prizes at Chicago, New York and other great shows. If you want to raise chicks with black wings, fine, sharp laced necks and tail coverts, you will buy our eggs. \$5 per 15, \$8 per 30, and \$20 per 100, from prize matings.

Fred Styers : : : Route 25 : : : Greensburg, Indiana

ORPINGTONS OF THE BETTER SORT

Buff, Black and White—Eggs for hatching that will hatch from my matings that will produce results.

Mountain View Farm R. F. D. South Kent, Connecticut

THE CHAMPION BROODER

Best in the World. Catalogue Free.

J. A. Bennett & Sons Co. : 929 Main Street : Gouverneur, New York

BARRED ROCKS

I breed Rocks that have that bright snappy color and even barring that is so hard to get. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

GEO. W. BACHMAN : : : : NORTH BALTIMORE, OHIO

HOUDANS Eggs half price after June 1st. A fine lot of breeding stock for sale at reduced prices. Free catalogue.

Dr. G. W. Taylor, Box A, Orleans, Ind.

HILLSON'S BARRED ROCKS

2d cock; 1st cockerel; 1st, 2d hens; 1st, 4th pullets; 1st pen; New York state cup, at Buffalo, 1909. Best eggs \$5 per setting.

Geo. W. Hillson, Hyde Park, New York

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. My pens include all noted winners and are mated in such a manner as to produce best possible results and prize winners. Eggs, \$4 per fifteen.

C. J. Whitney, -:- Galt, Ontario, Canada



PRACTICAL REDS


THAT'S it—Practical Reds. The kind that lay eggs like a Leghorn and make a roast like a Rock.

We have the best strain of Practical Reds in the U. S. We sell eggs that hatch. Send \$6.00 for 100 eggs from utility pens or \$10.00 for 100 eggs from selected pens. Get your order in now—don't wait until the last minute.

After years of careful breeding we are giving the fancier an opportunity to buy from our best stock at an exceptionally low price.

A. G. CLARK, WILLOUGHBY, OHIO

The Same Amount Of Feed Will Raise Each



I Bring 30¢ per lb.

I Bring Only 15¢ per lb.

DOUBLE PRICES

On the market capons bring double price and are cheaper and easier to raise; they require less feed and less care. Caponizing is easy and soon learned.

PILLING CAPON SET

Will enable you to caponize all your young cockerels and add greatly to your poultry profits.

Sent prepaid, with "Easy-To-Use" directions, on receipt of \$2.50.

Any one can do it. You can make money caponizing for others. Write to-day for our booklet on Caponizing. It's Free.

G. P. PILLING & SON CO.

23rd and Arch Streets Philadelphia, Pa.

ORPINGTONS

KELLERSTRASS' STRAIN of CRYSTAL WHITE ORPINGTONS

Have you gotten your show winners ready for the early fall shows? The state fairs are right at hand. Are you going to show there? If you are not satisfied that the birds you raised this year will get you the BLUE RIBBONS, we can supply you with them. We did not raise as many birds this year as heretofore. We are not raising as many birds as we have in past years, but we are raising better ones, which is saying a whole lot, because you remember the last show where we exhibited was at BALTIMORE in JANUARY, 1910, where we won

**First on Cock, First on Hen, First on Cockerel,
First on Pullet and First on Pen**

making a clean sweep, and 131 birds in the class, from America, England and all parts of the world. We have cockerels and pullets hatched the early part of January, that now tip the scales at 6 and 6½ pounds. They are the kind that will be heard from during the coming show season, and if you are in need of any winners, write us and tell us just what you want and what you are willing to pay, and we are sure we can supply you with the BLUE RIBBON WINNERS.

Kellerstrass Farm, 98 Westport Ave., Kansas City, Missouri



FIRST PRIZE COCK BOSTON SHOW 1910,
PITTSFIELD POULTRY FARM PITTSFIELD ME.

PITTSFIELD

announce a strictly bona fide opportunity to secure the choicest of exhibition or rugged, healthy,
bred - to - lay

BREEDING STOCK

at living prices. The most successful season we have ever had has just closed. We offer our patrons selections from the choice breeding pens that have been the chief instrument to our success at ridiculously low prices. DISCOUNT THE FUTURE and put yourself in shape for the next breeding season. We guarantee safe delivery to any part of the world. Prices quoted to meet your requirements promptly upon receipt of inquiry.

Our Young Stock: We are glad to announce that never in our history have we had such a splendid lot as this season. Every bird was hatched before March 15th and has been kept growing without interruption. This is the result of many years' experience in this direction and it is birds like these that make the choicest of breeders. We have already (June 1st) booked a large number of orders for cockerels for delivery next fall: it will insure you the best specimens if you order early. We have ONE THOUSAND CHICKS FROM EXHIBITION MATINGS now on range. Fully one-half of these are from the pens (1) headed by 1st Boston cock, 1910; (2) containing 2d Boston hen, 1910, and 1st Portland hen, 1909; (3) containing 1st Boston exhibition pen, 1910. We feel safe in saying WE SHALL HAVE WHAT YOU WANT IN 1910-11 SHOW BIRDS, and it will not cost a fortune to get them.

The Most Important Side of Our Business is Hatching Eggs and Day-old Chicks. Since August 1, 1909, all the product of our immense flock has been devoted to orders for chicks and eggs. We have been unusually successful in both branches, and today do not hesitate to guarantee safe deliveries in any part of U. S. and Canada. This year with larger, better flocks and better facilities we are in even better position to please our customers. We solicit orders for hatching eggs for fall delivery in any quantity. We ship A1 eggs on the day they are laid, carefully packed in excelsior. Our method of packing is the very best. Prices of eggs: \$1.50 per 13; \$4.50 per 50; \$7 per 100.

We propose to make a new departure this season and will be prepared to furnish day-old chicks for fall delivery in any quantity upon proper notice. BROILER RAISERS, THINK THIS OVER! Will this not save you a lot of unnecessary trouble and expense. Prices of chicks after August 1st, \$15 per 100. Don't forget we are prepared to furnish you anything in Brd. Rocks, Illus. catalog free. To insure inquiries prompt attention use street address.

Pittsfield Poultry Farm Co. : : 102 Main Street : : Pittsfield, Maine

BRED TO LAY--BRED TO PAY--BRED FOR EXHIBITION S. C. WHITE LEGHORNS AND S. C. RHODE ISLAND REDS



Actual Photo of Our Reds on Range, Operating the Norwich Automatic Feeder

Eggs for Hatching :: Baby Chicks

Yearling stock for sale in both breeds.

Buy now at reduced prices.

Leghorn cockerels, three months old, \$1 each.

Winners at Allentown, Trenton, Norristown and Philadelphia. All stock bred on range under ideal conditions.

By appointment we meet train or trolley for those interested in our breeds.

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Penna. State Agents for Norwich Automatic Exerciser and Feeder
BOX 272, LANSDALE, PENNSYLVANIA

TECKTONIUS' S.C. & R.C. BUFF LEGHORNS*Always in the Lead***DESCRIPTIVE MATING AND****ILLUSTRATED ART CATALOG****STOCK PRICE LIST FREE****32 PAGES 25 CENTS****Special Low Prices for June 1st Delivery**and thereafter, on **SETTINGS OF EGGS**--from the famous prize winning **TECKTONIUS . . .****Single and Rose Comb Buff Leghorns**

Orders booked now and filled in rotation after June 1st, as follows: Pens 1, 2 and 12, \$5 per setting; pens 3, 4, 5, 6 and 11, \$3 per setting; two settings \$5; pens 7, 8, 9 and 10, \$2 per setting; three settings \$5; free range stock, \$1.50 per setting; \$6 per hundred. Eggs sold from one pen or assorted, as desired. Don't miss getting your order in at these prices. Also--to make room for young stock--I will dispose of a large number of mature breeding birds--now in their prime for typical and vigorous progeny. Special prices, for a short time--to make quick sales. Write at once--stating your needs. Enclose 25c (coin or stamps) for my beautiful 32-page illustrated catalogue--covering every feature of the poultry business. Money back, if not pleased.

F. A. TECKTONIUS**ROUTE 7****RACINE, WISCONSIN****THOROUGHBREDS**

Something above the ordinary : Royal Strains of poultry are well known

White Holland Turkeys. New York winners, 1910. 3d tom, 1st young tom, 1st and 2d hens. Indian Runner Ducks. Jamestown winners, 3d pen, headed by 1st drake, N. Y. Also won special for best I. R. in the show. S. C. Buff Leghorns. N. Y. silver cup winning strain. N. Y., 1910, won 3d pen, 5th cock, 5th pullet. White and Pearl Guinea Hens. Circular. Write for what you want. Stock and eggs.

ROYAL FARMS**- DEPT. X****- LITTLE SILVER, NEW JERSEY****Blanchard's White Leghorns**

are no experiment, having been carefully selected and bred for over twenty years. No labor or expense has been spared in building up and perfecting this strain, and while the production of large, pure white, fancy market eggs has been the main object, **standard qualities have not been neglected.** They are large, vigorous, active and handsome. Good winter layers and keep at it all summer. Unexcelled as foundation stock or for introducing new blood. Stock for sale. Eggs for hatching from my regular matings at \$2 per 15, \$3.75 per 30, \$5 per 45, \$10 per 100; from exhibition matings, \$3 per 15, \$5 per 30. Illustrated circular free.

WINNERS AT MADISON SQUARE GARDEN, N. Y., 1903-1904-1905-1906-1907**A. M. SHAW****SUCCESSOR TO H. J. BLANCHARD****- Box 997, GROTON, N. Y.****Partridge Plymouth Rocks**

Eggs one-half price after June 1st from all pens except 15 and 16. Breeders from my pens for sale very reasonable after the season. Get in on the ground floor now and it will prove a good investment. Send for booklet with full particulars.

S. A. Noftzger**Originator of
Partridge Plymouth Rocks****North Manchester, Ind.****"AFTON FARM"**

Mammoth Imperial Pekin Ducks
Single Comb White Leghorns
Barred Plymouth Rocks
Cornish Indian Games
White Wyandottes

ARE BIRDS OF QUALITY AND PRODUCTIVENESS

Naturally, you want the greatest possible value for your money, therefore get our free booklet before placing your order : Please mention A. P. J.

S. B. & E. W. TWINING : "AFTON FARM"
YARDLEY, PENNA.

AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

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Chicago, Ill., July, 1910

No. 7

SOME POINTED CRITICISMS

The True Value of Eggs—Prices Lower and No Guarantee When Selling Eggs —The Best Fowl on Earth?—The Sex Question

Written for American Poultry Journal by Dr. H. F. Ballard, Chenoa, Ill.



AN advertisement in the American Poultry Journal begins this way: "Why Do You Wait?" I believe I can answer that question for Mr. Advertiser. The majority of the people who venture into the thoroughbred poultry business do not have much money. Ninety per cent of them perhaps are in that class. The other 10 per cent who have the money are very "scary" about investing it. That is the reason they have the money. The people who will pay a dollar a dozen for eggs are much more plentiful than those who will pay \$3 or \$5. And the dollar people are not all in the 90 per cent class either; neither are the \$5 people all in the 10 per cent class. There is as much difference in people as there is in chickens. There are some of both who do not know enough to go in when it rains.

About how much ought an egg guarantee to be worth? I received a letter today from a man who sent me \$3 for a setting of eggs a month ago. Here is a part of his letter: "I got but seven chicks, two weak, both of which died, leaving me but five. Then my little boy dropped a board on one and killed it, and a sudden shower caught the hen away from her coop and drowned another, so I have but three left. Now if you care to help me out any," etc., etc. No, I don't care to. However, I offered him another setting for \$1, just one-third price. By the time a rat gets one of his chicks and a cat another he will only have one, which reminds me of the "ten little Indians swinging on the gate." Hereafter I shall make my prices a little lower and guarantee—nothing.

One of the writers on Rhode Island Reds in the June American Poultry Journal says: "It is nothing unusual to have a Rhode Island Red hen lay while caring for her chicks."

Well, what of it? My Cochins do that every year, and have for years. But I had one this year to begin laying in the coop with her chicks when they were only two weeks old. No Rhode Island nor any other kind of a hen ever beat that.

Another writer on the same breed says: "Rhode Island pullets, if properly grown, should begin to lay at four and one-half months. I have heard this said of other breeds, but it has not been my luck to discover them." No, nor mine either, and I do not believe the Rhode Island Reds will do it. I have a friend in my home town who has been buying Polish eggs of me to set, and he is using his Rhode Islands to set them under, because he says "they want to set all the time." Two exhibitors of Rhode Island Reds at Bloomington told me they were going to give them up, for the same reason. I am not writing this to run down Rhode Island Reds, but simply to show that the Cochin is not the only variety that is a persistent setter, and that no one variety has all the good qualities and none of the drawbacks. A person who knows nothing about poultry would begin to think that there were never any chickens on earth that were any good except three or four of

the brown varieties. But then it may be because they are not "properly grown," whatever that means.

And still another writer says: "Wouldn't you select the breed that is not so fluffily feathered as to interfere with the fertility of the egg?" That takes the cake, sure. What on earth has the fertility of the egg to do with fluffy feathers? Yes, there is "a hen on earth that surpasses the Rhode Island Red as an incubator and brooder," and that is the Cochin. The Cochin has been almost kicked off the earth for that very reason, and now they want to take her one little good quality away and give it to a variety which they claim is one of the biggest layers in existence. Big layers and big setters do not exist in the same variety. Such an assertion is nonsense. The truth of the whole matter is that some people want the earth; want all of it, with a slice of the moon, the comet, tail and all; and it is a fine thing that they cannot make everybody go their way. To settle the matter I should like to ask a question for some of the breeders of general purpose fowl to answer. Here it is: Which is the best general purpose fowl, Plymouth Rocks, Wyandottes, Rhode Island Reds or Orpingtons? All speak up at once now, and the pages of this old journal will be swamped for the next twenty-five years.

I was considerably interested in Rev. C. E. Peterson's article on "How to Influence Sex." Some of his ideas are according to the more commonly accepted theories of the medical profession on the influences governing sex, most of which, in my opinion, are wrong. At least there is so much evidence to disprove the theories that they cannot be accepted as infallible rules. The most common one generally believed in, that the vigorous male mated to the more weakly female produces males, and vice versa, is so many times disproved in the human family that it really amounts to a refutation of the theory. I know two families where big 200-pound six-footers married to slender little women; one case resulted in eight girls, in the other five girls; no boys in either family. I know perhaps a dozen families where the husband is a little dried up specimen of humanity and the wives big, healthy looking women, and the children three-fourths or more boys. Nothing to it. Here is a rule that is not so often broken: In each alternate generation in a family one sex will predominate; e. g.; here is a family in which the children are all, or nearly all, boys. The children of these boys will be, a majority of them, girls. Not in every case is this so, of course, but in the majority of cases. Now where is your principle which influences sex in those cases? It is not a question of vigor at all; it is a question of heredity; some natural influence which nature uses to balance the sexes. I have my opinion just what this influence is, and if I could have the control of the parties "to the contract" I believe I could tell them in 90 per cent of the cases just what their progeny would be. It might be possible in the human family, where the will could be controlled, to control the principle, but in the brute creation, and especially in the promiscuous breeding of poultry, it cannot be done. Single matings alone would stand no show whatever, and "the game would not be worth the candle."

Again, the idea that debility has anything to do with it is disproved by the fact that in the same family, often, the first three or four children will be of one sex and the last three or four of the other, and that irrespective of which sex came first. My opinion is that if you had a hen, as Mr. Peterson suggests, whose chicks were all pullets, that the chicks of these pullets would be mostly cockerels, according to the idea mentioned above, of the alternation of sexes, and if this idea or principle is true it would knock out Mr. Peterson's plan of establishing a line of breeders in which one or the other sex would preponderate.

WHO'S WHO IN HENDOM

Every chicken hatched on my farm this spring while Halley's comet was in the ascendancy is going to be a prize winner. Wife says to add, in my mind. I suppose there are a lot of fellows in the same fix, mentally. But all joking over the fence: Would it not be a swell planet, that of Halley's, to mature birds in? What? You fa stayz tou nicht?

Well, let me explanation it: Halley's comet travels in its course about the sun once in seventy odd years. Spring is close to twenty years long, made to order for the hatcheries people to prolong the season for custom hatching and stave off proceedings in court as long as possible. Incidentally, the guy who changes males from one mating to another to try for better results gets a mating for his money during their eighteen years of beautiful spring weather. Summer is the same length of time. The A. P. A. meetings are three months long, giving the attendance plenty of chance to go home and cut the winter's wood when G. M. C. gets up to explain the artists' combination. This is nice.

The evening of each day is ten to fifteen hours long, which gives plenty of time to shut the chicks up and smoke the evening pipe of peace, and the day and night are, consequently, a hundred and forty odd hours long. This latter is for the chicken thieves, on no other plant that we know about they being thusly protected. A fellow would have a good long time to set hens in the evening of such a day as this one over a hundred and forty hours long. Of course, it would be something awful to have to sit up during such a long night watening an unarly incubator.

The show season of fairs and winter exhibitions would be a pippin on Halley's. It would drive a Leghorn man to distraction and make a S. C. Minorca fancier go for relief to the rope's end. But such a season of exhibitions would be a darling for the advertising and subscription solicitors. Wouldn't they reap a harvest with all this time at their command and such long waits between meals! Certainly a lot of class to that measuring of the silent commodity of time. But if we had to wait that length of time for Kimmey's report of the annual election, some of the candidates would go crazy.

And with these ruminations of fancierdom on Halley's, let us let the poor comet rest, if such a thing is possible, in its terrific flight.

I might mention in this department this issue that there are a lot of us who would like some word from Joe Hildorfer. He was a Black Minorca king for a long time. At least, he was a near-king or a prince. Joe used to be one of us and always named with the bunch, but he has become as retiring as Tom McGrew, Jack Johnson and Abdul Hamid. When Joe was with us out on the pike at St. Luoeys and down along the beautiful aisles of S. C. B. Ms. in those famous live stock barns he showed himself to be one of the real stars of the fancy when it came right down to every day mixing with the crowd.

Joe is big and roomy and comfortable. A little man in his clothes would look like a small burg dropped down in front of the Montgomery Ward tower—all shriveled up and gone to seed. When you sit down to have a visit with him you are talking to a man who is a good listener and who intersperses the conversation with a deal of wit and pleasant remark. I liked Joe and would like him still more if he would come out into this corn belt country with a few more of his good birds.

In some Sunday paper or other every year, Mrs. Della C. Johnson breaks out as the poultry queen of the wide, wide world. Her press agent is a regular idea rustler right from the Montana range. He always gets away with the goods. Mrs. Johnson does hatch and raise a lot of chicks every year. A few years ago we met her at the Iowa state fair where she told us of some of the things she was doing with a flock of several thousand Brown Leghorns. She operates more incubators than any woman poultry grower in the world.

One of the best hatches she brought off this season consisted



of nearly 2,500 chicks. This is going some, as Ole said in narrating his adventures with a cyclone. I should say it was. There are a good many men who do not hatch this many chicks in a life time, yet they claim to be fanciers of the real dyed-in-the-wool sort. They are simply has-wazzers or never-wazzers-at-all when compared to what Mrs. Johnson is doing. She raised a mortgage of about \$14,000 from the farm left her by her husband, and the hens have had an egg or two in this doings. Iowa claims her as a native woman, and the chickenists of that state all point with pride to her work.

If there is a more retiring man in the whole chicken world than Earl Roberts, who is known as E. G. Roberts to all his advertisement

readers, we do not know where to find him. Yet we are going to drag him out and tell a few things on him just the same. Earl is one of the youngest looking grandfathers in seven states. You would not think it of him at all. He has made health and enough of the wealth of this world to last him for some time. If I were he and had preserved my young looks as well while working with the hens I would now be offering a book to the dear readers of these lines on "How to Be Healthy Among the Hens."

He could write a very acceptable volume on some such title as, "How to Be Happy Though a Fancier," but he is not of that morose turn of mind. He was impressed with the fame and fortune in the poultry business from a little excursion to the insane asylum. Now please do not take it that he was ever confined in one—you might have to bring it back. He never was. But once, so the fairy tale goes, he went out to satisfy his curiosity and seeing a man who was perfectly rational working about the asylum, he asked one of the keepers what that fellow was confined for. The keeper told him to wait a few moments, or until a hen laid an egg and then he would see. He did. In a few moments a hen began cackling as though her heart would break. She had laid a double-yolked egg. The patient Earl was watching dropped his tools and ran away and hid under a porch of the main building. "What in the world is the matter with him?" asked the subject of this short sketch. "The poor man does that every time he hears a chicken," replied the keeper, "for he imagines he is a kernel of corn and does not want to be the cannibalee."

This set Earl to thinking. He thought that if a chicken could do this for a man with only a fraction of a mind, how much could a thousand hens do for a man with a good mind. That was the all absorbing topic that surged through his gray matter. Then, after he had duly looked into the thing and resolved to do his best, he entered the chicken business and has been one of us ever since. He was breeding and showing chickens and had the reputation of being the best showman in America long before I was out of my fancier kilties. Indeed, I was in diapers when I first saw his name in the poultry prints. But I enjoy having him as a poultry contemporary and am glad to record a few of the things he has done among the chickens so that our descendants will not be shrouded in dank and dark when they search the archives for material about the fanciers and poultrymen of this age. The Roman guy who recorded the first we have in history about Her Royal Henship cannot even now, after the epistles of my friend Peterson, be called to name by half the breeders who claim to know that it is impossible to get a setting of peacock's eggs. This is not as it should be.

Well, we have not the time to go into detail about the career of this man Roberts, and though the subject is worthy of it, we hear the call of the brooder chicks and the dong of the supper bell. Suffice it to say that Roberts is one of the best showmen because he is one of the best judges and breeds the birds he shows. He shows for the premiums he gets out of it, and the specialist never met a cleaner foe or one worthier of his skill. I have heard men who were breeders of Polish fowls, Leghorns, Wyandottes and Rocks say that Roberts was as well posted, and a blame sight better, than a



FIRST PRIZE EXHIBITION PEN AT MADISON SQUARE GARDEN POULTRY SHOW, NEW YORK, DEC. 27-1909-JAN. 1910
BRED AND OWNED BY MONMOUTH POULTRY FARMS, J. C. PUNDERFORD, FRENEAU, N.J., U.S.A.

F. B. Swell

lot of folks, as any specialty breeder they ever knew. And there is a lot in this. Earl shows birds or prepares them for showing from one year's end to the other. He handles his breeding birds with a view to showing them after their season is over, and it is such excellent care and attention that he gives which makes him the thousands upon thousands of times a winner that he is.

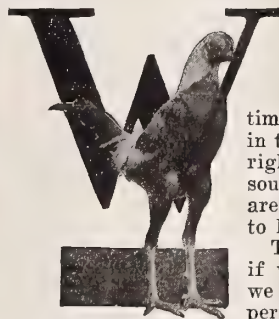
Here is one of the funny things about the buyer of pure bred poultry who knows the value of good stock: A dairyman will pay from one hundred to five hundred dollars for a bull of his choice and never turn a hair; a horse farmer will pay a thousand dollars for a stallion, or half as much for a good mare, and be ashamed that he was not in position to buy a better one; a fancier of good swine will pay a hundred dollars for a boar pig, and think he has a bargain, but never one of them would loosen up to the tune of a fifty dollar note for a good pen of five to ten breeding birds of any pure bred kind. The lowly hen gets it in the neck from all sections and classes. This is not as it should be. On the same farm with the finely bred stock of other kinds she will be forced to roost out where the coyotes can make her wishbone shiver as they deliver a serenade a la obligato just beneath the apex of the machine

Justice to sit there idle, blindfolded, and allow these awful things to be forced down the crop of our home building biddy? Well, not in a hundred moons and then some. Let us enter the game of spreading the good hen gospel with a determination that we will throw light into the remotest corners of present chicken darkness. To say that the hen is a greater bird than the eagle to place upon one side of the American dollar, with Diana on the other, is but showing the crassest ignorance, for has not her image been graven upon the hearts of the whole world as one of its greatest benefactors and philanthropists? The hen is here, the time is now, and we are, or should be, servants in the cause that will lead to her uplifting and still further profitable career.

She has educated those of the country's sons who have sought out her dainty eggs from the hay shed and the straw stack, lifted her chicks from off the limbs of the old apple tree in the dark of night and cast them then into a miserable box to be carried to the man who gave us a paper good for money at the bank. She has nursed us through our convalescences carefully and surely with the sustenance of her meaty and nutritious eggs, when the farm was mortgaged and the live stock dropped dead from its continued diet of grasshoppers during the years we all so well remember; then it was he who came to our thoughts in the late hours of night as we laid there on our anything but downy pillows and planned to stave off the sheriff's sale. She even supplied the feathers for the pillow.

Yet, notwithstanding the knowledge we have of her, we have treated her like we would the human wart on the shoulders of society. Shame, shame, this and more be upon our heads. At the end of our days we will remember the grave injustices we have heaped upon her and then our souls will writhe in agony for the default, and our sins will come trooping down upon our imaginations and the brain will stagger into that state from which it becomes more blank than at any time of existence. Let us drink to the health of this friend of humanity and then trust that she in her goodness will have mercy on our thoughtless heads.

RHODE ISLAND REDS AS EGG PRODUCERS



WHEN I first became interested in Rhode Island Reds, it was because an old friend told me that they were the best layers (away up in Minnesota), in the winter time of any birds which had been kept in that climate, and that they also layed right along the year through. This sounded pretty good to me, and as they are good size for table use, I decided to keep a few.

This was in 1904, and we decided that if we were to breed these birds at all we would do so with the purpose of perpetuating the qualities which had made them of value, i. e., egg production and table use. I at once obtained the Potter system of selecting fowls, as well as the Hogan system, and when selecting our birds for the coming season, the examination for egg production is the first thing which is given consideration in our flocks.

As I have frequently stated, I consider the egg producing qualities of the "Reds" of more importance than all other considerations. I admire beautiful, even-colored birds, and am always glad to have a color standard to breed to, but I do not wish to see the color craze ruin the breed.

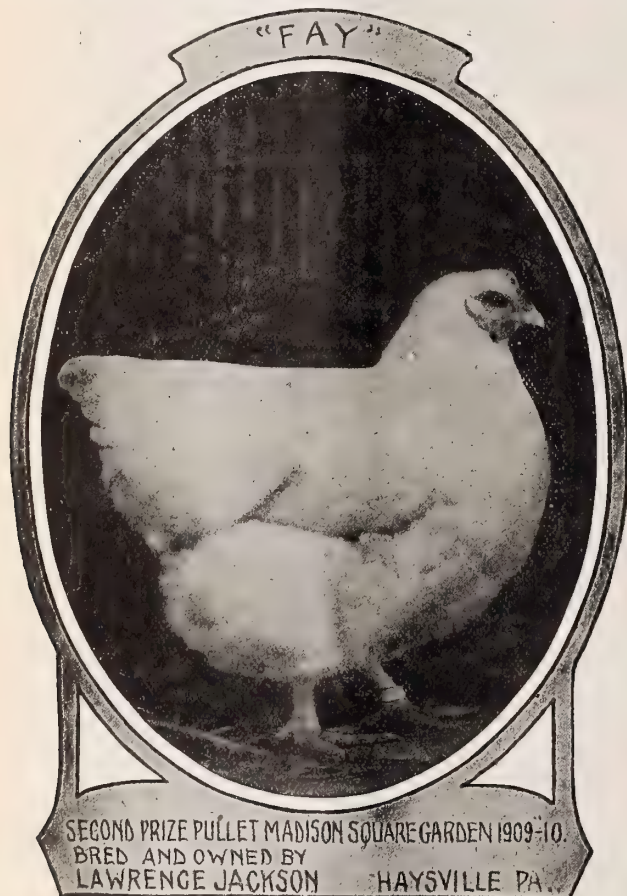
We have always culled our birds closely, and after having selected them with the view to laying, which means shape and physical construction, we then select for color, and those familiar with our birds and our winnings say that we have succeeded well in color as well as eggs.

In the year of 1909 we trap nested ten pens, with an average egg production of a trifle better than 185.

We have, of course, individuals with much higher scores, and many letters from our customers showing individual cases of egg production as high as 250 odd eggs.

It is our observation, that the best laying hens fade most. In conversation with the late Dr. Aldrich, of Fall River, Mass., in the fall of 1907, he referred to this fact, and said that he feared that the desire for color would be the stumbling block of the Red breeders; that in order to produce color, they were, many of them, inbreeding to such an extent as to have reduced size, and produced some very weak, spindling stock.

Rhode Island Reds should be full of life and vigor, ambitious and hustling from morning to night, not standing around "knock-kneed" looking as if they had lost their best friend, but up and coming, singing and crowing, making folks "sit up and take notice."



shed or hog house. If she gets a place to deposit her daily egg she has to make it for herself. She has to run the gamut of the elm-peeler and the razor-back, the suck-egg dog and the kine of the yard to scrape enough together in the way of food to hold the feathers on her skin. In rearing her brood she has to fight the rattlesnake, turkey gobbler, and varmints galore, yet she turns over to the most of the families who cultivate her acquaintance the wherewithal to cover Nature's scant protection from the weather, the lining for the inwards, the coppers for the Sunday contribution box and the flowers with which the last summer's hat is redecorated for the present season's prevailing loveliness in feminine headwear. We all know these things are true, and more. We might go ahead and sing her praises for ever and ever, yet we could not thusly atone for the unrighteous treatment we have accorded her ever since Cæsar by setting at ease the Roman farmer without the city's wall, gave the first great impetus to the cultivation of the feathered tribe.

It is high time we all went about the righting of the great wrongs that we have perpetrated on Her Royal Henship. Like the knights of old we must enter the lists of the crusaders and spread the knowledge that will mean more and more of the many improvements that she should have as her just due. Is

This color proposition seems to have become so thoroughly inoculated into the blood of some of our judges (or at least of some of those who hold licenses for the purpose of judging) that at one of our state fairs last fall I saw the first prize on a cockerel awarded to a bird with both legs coming out of one hole, and to a pullet, short and dumpy, with no length of body or back, carrying her tail up in the air, full of beautiful "curves" and no angles, in fact not a thing on earth to indicate that either of these birds were Rhode Island Reds, excepting "color." I asked the judge why he placed the awards on these two particular specimens, and his reply was, "Look at the color."

As before stated, the "utility" quality of the "Red" is of utmost importance, and for this reason in judging fowls those points which indicate these conditions should be considered of first importance, i. e., size and type.

The "true shape" of a Red is so pronounced that one should be able to distinguish a "Rhode Island Red" from other birds, even though he were "color blind."

Since first brought generally to public notice no breed of fowls has ever attained popularity so fast, as attested by the constantly increasing number of entries at all of our leading poultry shows, as have the "Rhode Island Reds."

I believe that within a short time there will be more "Rhode Island Reds" raised in America than of all other breeds combined, but this must be accomplished by keeping them up to the present standard as "utility" fowls, as well as beautifying them by breeding as nearly as possible to the color standard.

In conclusion I wish to say that I believe that the chicken business is like all other lines of mercantile business, that it can only be built to large proportions by absolute integrity, making no statements either in our advertisements or otherwise which the absolute facts will not prove to be true; by allowing only such judges to be employed to place the awards as know what a "Rhode Island Red" should be, and who are honest and honorable in their decisions, and place the awards according to merits of the birds. Yours most truly,

South Bend, Ind.

Irving A. Sibley.

BREEDING REDS FOR BEST RESULTS



NO breed in existence has made such rapid advances in the face of strong opposition as the Rhode Island Red. They have now an exhibition and commercial breed. Such attained an enviable reputation, both as progress has been made in breeding that, on the face of it, it hardly seems necessary to say anything in regard to the proper method of mating, but because of the large number of new breeders that are taking them up, and because of the many groundless assertions that they will not breed true, a few remarks along this line will probably be acceptable to some.

Let us start with the selection of birds from which we expect to produce exhibition specimens. We will choose our male first. In selecting the male first consideration should be given to color, as he influences the color of the offspring more than size or shape. See that he is of an even shade of color as possible, showing little or no contrast between hackle and back or saddle and back. Examine the undercolor, especially of the back, saddle and hackle, and if it shows white or smut discard him. Now look to his black markings and see that they are strong. The eye should receive due consideration. This should be red in color and bright and snappy in appearance. Never under any condition breed from a bird, male or female, that has a "wall" or "fish" eye. The comb, whether rose or single, should not be too large. If you have several males that come up to these requirements then select the one having the best size and shape. In order to determine the true shape of a cockerel it is best to put him in a pen with a few females for a couple of days, as the under male in a flock will never carry himself to advantage. Do not think from this that no attention whatever should be paid to the shape and size of the male, but the idea is to not discard a rich colored bird because he does not measure entirely up to standard in shape and size.

Having selected the head of the pen we now turn our attention to the females. Do not attempt to secure too many to go with your best male bird, as there are probably a half dozen pullets in every flock that are better than any other six in the same yards. As we looked to the male for color so we must look to the female for shape and size, as in these respects they have the most influence on their progeny.

Select the females that show the best shape and size. Keep to the long backs and low tails. See that they show a good length of leg, not lanky, of course, but see that they stand up

well and are built for good active business. Now the color must be examined, and not only should they be of a good even surface and strong undercolor, but the color should harmonize with that of the male that is to head them, as little can be gained by mating extremes of color. Discard those that show white in surface or undercolor, but are otherwise good pullets should not be thrown out because she shows a slight shade of slate in undercolor, especially if male is good in undercolor. The ticking in hackle of female should be examined, as ticking so heavy as to resemble lacing is undesirable and entire absence of ticking is also bad. The black sections, eye, head and color of legs are also important when it comes to the final selection.

Beware of the hen which showed weak color as pullet, but moulted out strong as a hen. If used at all let it be with caution, as they seldom make good breeders. To sum the matter up, breed as close as possible to the standard in shape and we have an ideal utility bird. After having secured the proper shape breed the best color possible and we have an ideal utility and exhibition bird.

One of the main troubles is that too many are breeding from light colored or buff birds.

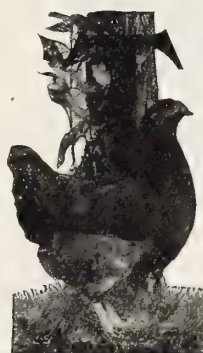
Shape is a very hard problem for the amateur, as the eye must be trained for this. Therefore it is better to start with one breed and thereby save confusion.

Keeping a record of different matings by marking the eggs and toe punching the chicks. Keep the young stock growing and avoid overcrowding, as sweating caused by crowding will work untold harm to the color of the chick just coming into feather. Breeders are very often blamed for sending out eggs from poor stock when the fault really lays with the purchaser in not taking proper care of the chicks after they are hatched.

Schenectady, N. Y.

W. W. Gruepe.

"OPEN AIR" METHOD OF KEEPING POULTRY



THE remark was made in the April number of the American Poultry Journal that it would be interesting to know how the open-air method of poultry keeping worked out in the "colder" states. Now, though New Jersey is not considered to be one of the "cold" states, I am constrained to give your readers a brief review of a year's experience with this method. Bear in mind that I am a rank outsider in the poultry business. The year just ended gave me my first experience with poultry keeping by any method. Early in April, 1909, I bought 30 day-old chicks—Single Comb Buff Orpingtons. Into an ordinary packing case about 30x36x18 inches I put an inch of clean sand, and covered that to a like depth with cut clover. A soap box with two inches of cut clover in the bottom and cotton batting blankets for cover was placed in one end of the packing case and formed a splendid brooder. The little fellows quickly adapted themselves to their quarters, and after the first day gave no trouble about the brooder—they knew perfectly well what it was there for.

Here, supplied with wheat bran, grits, charcoal, water, and scratch feed in the litter, the chicks grew amazingly and soon became the admiration of all who saw them. The first week the head of the house every two hours during the day fed the chicks bread crumbs moistened with milk. In this way, without losing a bird, we reared the flock to maturity. At six months cockerels weighed eight pounds without special feeding. The pullets were beauties, every one.

The "cold storage" method of raising chickens was so successful, why not follow out the idea and see how it worked out in the production of eggs during the winter?

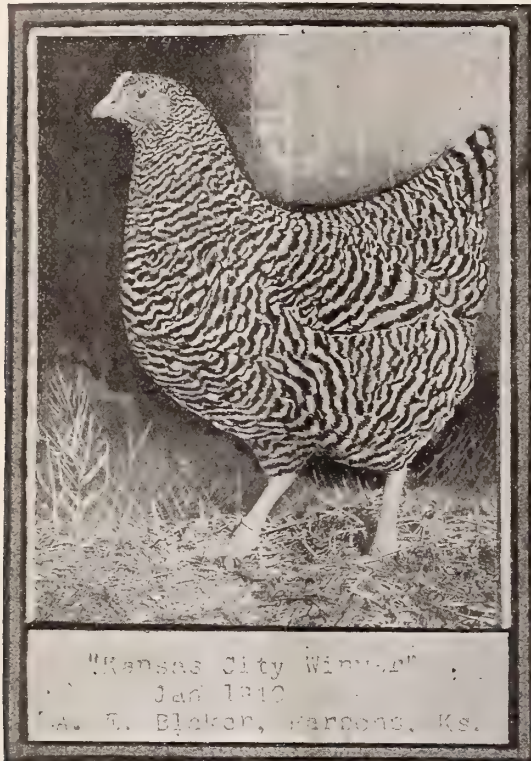
For winter quarters a piano box and a Philo coop were placed end to end. Over them a rough—very rough—frame was built. The roof was formed of narrow boards one foot apart. On these was laid two-inch mesh wire netting, the whole covered with two-ply tar paper. Tar paper tacked to the framework formed the ends. The dimensions of the shed are about 10x14 feet. The front, seven feet high, faced south-west, and was covered with a movable curtain to keep out the rain or snow. In front of all was an unprotected run 12x13 feet. Under the shed I kept from six to ten inches of dry straw.

Thus "housed," 23 birds—15 pullets, six hens and two cocks—hustled for a living all winter. The roosting places, of course, were warm, perfectly dry and free from drafts.

The winter of 1909-10 was unusually severe for this section. Heavy snowfalls were frequent. Zero temperature and 6 degrees below were recorded several times. Yet the hens continued vigorous and healthy. Not a frosted comb showed all

winter. The severely cold weather affected the egg production very little.

A report from the Maine Experiment Station shows that hens kept in this way are healthier, hardier and lay better than hens kept in the common way, but that in temperatures of 20 degrees to 40 degrees below zero the egg production decreased about 25 per cent (I think). Long continued severe cold no



doubt would have that result. With us our hens continued laying as regularly in zero weather as at other times.

As stated above, I began the winter with 21 hens—15 pullets laying. Along in February I lost two pullets through overfeeding; killed two old hens, too fat to lay, had a hen setting during the last two weeks in April—and from January 1 to April 31 got 1,021 eggs.

For an amateur poultry man isn't that "going some?"

I am well satisfied with the results of this experiment. Shall enlarge my "coop" this year and make certain modifications looking to greater convenience in caring for the stock, but shall adhere to the curtain front house. The dimensions will be about as follows: Rear wall, 4 feet high; depth of coop, 12 feet; length, whatever may be necessary—believe 6 feet for every 60 birds will be ample.

T. H. Blakeny.

Elizabeth, N. J.

ARE CHICKENS A BOTHER?



PEOPLE who are asked this question will answer yes, nine times out of ten. Ask them if they keep chickens, and if they answer no, ask them why. They will be likely to say, "Oh, chickens are too much bother. All they do is eat, eat all day long, and they require your attention all the time if you want to make poultry a success." I greatly differ with these people. Before I go any

further I frankly admit that they are to a certain extent to the persons who do not take any interest in them. But to the persons who like them it is a pleasure. If you are a working man you leave the house in the morning and come back in the evening. When you get up in the morning give your chickens water. I advise every one who has not a fountain to get one. You can buy one for 25 cents. All you have to do is to fill the fountain and the water remains clear, fresh and cool all day. Next get a feed-hopper. You can make one yourself. The illustration below will undoubtedly give you an idea how it is to be made. It has a heavy wire lying on top of the feed, thus preventing the chickens from scratching it out of the hopper, and also making them work for all they get. When

the feed gets low the wire also drops down, thus you can see that the wire always rests on the feed. If you fill this hopper once a week it will be sufficient to keep 10 or more chickens supplied. So if you fill the fountain with water and then your hopper with feed your chickens will have enough feed and water for the whole day. Chickens are no trouble at all. Some people think it is wasteful and extravagant to feed chickens with a hopper. They say the chickens get too fat and lazy, and consequently will not lay. I have found out that by feeding chickens with a hopper I have saved considerable feed. They get just what they want to eat. In some instances when you feed them two or three times a day a good part of the grain gets lost, either by being tramped down by the chickens themselves or else the sparrows come along and eat it. You do not lose any feed if you have a hopper, for all the feed that is taken out of the hopper is eaten by the chickens themselves. If you use a hopper do not think your chickens will eat you poor. Allow me to give you an every-day illustration. For instance, if a girl works in a confectionery store she will eat a great many dainties the first few days, but after a while she gets so sick of seeing them that she eats very little, if any. The same is true with chickens. They may eat and eat the first few days, but after that they will hardly notice it, or if they do they will only eat enough to keep them in a fine condition. Do this and you will get more results from them than if you fed them the other way, and your feed will last you a good deal longer. The chickens thrive very well this way. They can eat and drink unmolested and undisturbed. In the evening when you come home all you have to do is gather in the eggs, sometimes easier said than done. But if you give your chickens good wholesome food they will lay almost all the while.

I do not give my chickens any egg tonics or egg producers. These tonics may produce more eggs, but I do not think it does the chickens any good, as it is unnatural and only forces the hen. Wholesome food, beef scraps, green bone, greens and table scraps do more for chickens than all the egg tonics ever produced. Now if you are hesitating whether or not you ought to keep chickens, I hope this article will determine you to keep them, for as I have already explained they are no trouble at all. They can be left alone throughout the whole day. If you really do want to keep chickens find out which breed is the most all-



The above is a reproduction of the first prize Buff Plymouth Rock pullet at Chicago, 1908, and is bred in pen No. 1, Dearborn Poultry Yards, Dearborn, Mich.

around one by reading what the editor, subscribers and advertisers of this paper have to say about the various breeds and find out for yourself which breed you would like to keep most. After you have done this you can either buy a pen of these chickens, some hatching eggs or young chickens from poultry dealers who advertise in this paper.

Wesley F. Lorenz.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to A. T. H. Fortescue, Chatham, Ont., Canada, and the second prize to E. H. Bennett, East Liverpool, Ohio.

SUCCESSFUL POULTRY RAISING.

BY the way, it does not take long, after taking up poultry raising as a business, to become convinced that the work, as a whole, is only a sum of little things and in proportion to our faithfulness in performing the little daily duties or tasks will our success be.

One of the most valuable possessions in poultry culture is one's stock of good common sense. If we use this in every department of the work and let it help us to decide in matters that perplex us, we will be somewhat independent of following blindly everyone's leading. We must think and reason and know the why and wherefore before doing anything of importance. From the start let method and system prevail in the care and management of our fowls.

Deciding on the fowls' "bill of fare" is one of the little

things, yet much of one's profit depends on a wise choice of these articles of poultry diet. Such grains, green food and meat food should be selected as will make a balanced ration, one that will be conducive to bone and muscle growth, the putting on of sufficient flesh for the best condition and health of the birds, and at the same time increase their productiveness.

Regularity of feeding is a little thing to be observed, yet the fowls do much better if fed at or about a certain hour each meal time, than if their food is thrown to them at any odd time that is convenient to the owner. Seeing that the grit and shell boxes are kept full is one of the little tasks, and yet the health and good condition of the poultry depends upon it.

One of the greatest necessities for comfort, health and profitable poultry raising is pure, fresh water, and I am afraid this need is only too often neglected. The supplying of a dust box in winter will help greatly to keep down lice. Further, don't allow the droppings to accumulate.

Observation and reading are doing much to post the public on facts regarding the poultry industry, and all goes to prove it is one of the most profitable industries known and is advancing rapidly every day. Poultry culture has now the confidence of the general public, and much capital is finding its way to investment. To the man or woman who is willing to give poultry raising his earnest attention it offers the inducement of prosperity and pleasant occupation.

There are a large number of people who start into the poultry business every year, but all that number do not make a thorough success of it. A wrong start is, more than anything, the cause of some failing to make things go. There are people who think that to set up with poultry they "must" have a right up-to-date plant in order to do good business. When they learn that to properly manage a modern outfit and make it work even fairly well, one must possess the combined skill of an engineer, a chauffeur and a physician they fight shy of the business.

Some beginners will get a number of poultry supplies' catalogs and, perhaps, swallow all they read of the hundred and one different things set forth which some compilers say they "must" have. But does he need them all?—by all



Special mated pen of White Wyandottes in the yards of J. C. Fishel & Son, Hope, Ind. This is the pen that has created such a sensation the past season and from which eggs were sold at \$75.00 per setting and \$5.00 each.

means, no. It would be an easy matter to invest a hundred dollars in poultry machinery and fixtures that one can never realize a cent of profit from the investment. Then, it is not difficult to place ten dollars that it will return a profit of, perhaps, fifty per cent within six months. It depends on what one buys.

Outside of an incubator and brooder and, perhaps, a few drinking fountains, the remainder of things needed can be made by anyone who can saw wood and drive nails. A well known poultryman relates how he began with an outfit that most poultrymen would laugh at, but he stuck to it through thick and thin, adding the things he is now using—all home made things—and is making a go of it. All the money and property he now has was made raising poultry. He says it seems almost a dream, his climb from debt and poverty to independence.

Success does not lay in the outfit of tools, but in the way they are used. There are hundreds who have begun with an outfit that must have cost several hundred dollars and failed to make poultry raising pay. There are others who have been at the game quite twenty years, and they do not appear to have learned one thing. They are in the same old rut they started in. Why, how many people there are who think they are doing well if they can sell two or three dozen chickens and twenty or thirty dozen eggs a year. You know those people who think they are doing well if they can sell two or three dozen chickens and twenty or thirty dozen eggs a year. You know those people, too, who started full of enthusiasm and were rapidly getting into a paying business when they met with some bad luck, caused, probably, by bad management, and down and out they go like spent rockets. But there are others who are as steady as clocks and are making a good sum every year.

With good, healthy, pure bred stock to start with will invariably mean success if the management is likewise good. Now, here is a little story illustrating how management counts. A lady living on a rented farm made something over one hundred dollars more than her husband. He farmed and she raised poultry. His land was fertile and he had good tools. She had only such tools as she made with her own hands. She used hers with better judgment than he did his and, naturally, her success was greater.

When successfully raised and marketed, the farmer, the villager, the city poultry breeder, each and all, can and do succeed in proportion to the extent to which they invest, and put into practical operation theories and lessons learned by practical experience.

If anyone wishes to begin on a small scale, let him get a setting or two of eggs. The foundation of some of our most successful poultry farms was from a setting of eggs. There is some pleasure in the owning of a flock of beautiful pure bred birds, and it makes one more content with life, by the way.

Chatham, Ont., Can.

A. T. H. Fortescue.

CLEANLINESS FIRST, LAST AND ALL THE TIME.



"IT'S not so much the breed as the feed," I have heard many poultrymen remark, and I have thought so many times myself.

Feed and breed are a good combination when rightly worked together, but you can ruin good poultry by a bad system of feeding, and you can bring common hens to a monthly average of twenty-five eggs so sure as you can teach a mongrel dog to do everything but talk.

Some few years ago, to get a start in poultry raising, I bought some ordinary thoroughbreds, birds that would not take down any ribbons at the bench, but by a correct feed system I brought them to laying twenty-four and twenty-five eggs per month per hen. Mrs. Jones, our neighbor, who had some Jim Dandy barred rocks, would ask me every day or so, "How many eggs did you get today?" "Every hen layed today," I was able to answer a good many times. "How many did you get?" I would ask. "Only three," she would say, or, "Only four: isn't that awful for fourteen hens?"

This continued for some time on Jones' side of the fence until one day Mrs. Jones said to me, "I guess I will have my husband kill our chickens off, for they are nothing but a lot of trouble, anyway." I was about to utter a few words of encouragement, advice, or whatever I could think of, but something told me to wait awhile, and I did.

From that on I began to look over the fence a good bit and size up conditions around Jones'. The ground in the chicken run was so hard it looked like a rock, and no hen

would attempt to scratch it. Six old kettles (used at one time for drinking water), five of which had been upset and dirtied by the chickens and the other with an inch or two of filthy water that actually stunk.

For some reason or other I still held by peace. That is, until one day at feeding time I had just given my flock their supper when our neighbor's door opened and Mrs. Jones came out with a pan of potato skins, egg shells, coffee grounds and goodness knows what else, and giving it a toss into the air yelled Ch-o-o-key, and back into the house she pranced.

By the powers that be! If I couldn't treat a horse-fly better than that I would want to be horsewhipped. Anyway, I fed two flocks of chickens that evening instead of one, and the next morning I proceeded to start Mrs. Jones on the right track.

The ground in the run was dug up with a pick, then and every week afterward, grass and other green foods given, clean grains and grit were fed in hoppers besides mash feed and dry bran. Even the dirty old kettles went to the dump and were replaced by a new galvanized fountain.

It was not long before Mrs. Jones smiled whenever she



PRIZE WINNING WHITE PLYMOUTH ROCK.

looked at me, and I could tell that her egg supply was going up like a thermometer in July.

I don't mean to make this story funny. It is true and sad. And I hope a great many readers of it will profit by Mrs. Jones' experience. She did, and I hold her esteem to this day.

Cleanliness is at the bottom of the whole shooting match. A hen is a natural producer, but she must have clean feed and clean quarters if she does her best. She is not much of a housekeeper herself, but she cannot resist bad housekeeping very long. She will always appreciate what you do for her. Treat your horse well and some day he may kick you. Treat your cow well and some day she may hook you. Treat your dog well and some day he may bite you. Treat your hen well and see what happens. Laws! How she will sing, and scratch, and lay, and pay, and some day you may reward her with a sharp hatchet and a pot.

So, Mr. Poultry keeper, large or small, bear in mind that it is cleanliness first, last and all the time if you want results. No matter what the breed, it depends on the care you give it. It is up to you.

East Liverpool, Ohio.

E. H. Bennett.

"WHITE CHOLERA"



O many people, talking about their little chicks dying. One lady tells me she lost 200 little chicks last year, all from the great chicken plague, the "white cholera." Worst of all, they say there is no cure for it. Possibly that is true in a few cases, but if there is no cure there is at least a cause. Let us get busy and look for it. Chicks hatched well, seem strong for a few days, possibly a week or two; then they do not eat just right; do not seem to relish their food; seem hungry but eat very little. They are cold, will sit and shiver and tremble in the hot sun. They have such

a pitiful cry, as though in pain; seem sleepy, but when you call them they are very active for a few minutes, then go off and huddle up in a corner and shiver and sleep. The droppings are white. In a few days you have scarcely a chick left to remind you of your trouble, and if a few do manage in some way to live through the siege they are stunted for some length of time and will scarcely compare with a good, healthy chick that has avoided the storm of "white cholera."

Surely there is some great cause for this trouble, and let us get to the bottom of it and eradicate it. A noted physician has said an ounce of prevention is worth tons of cure. It surely is in this case.

Did you ever stop to think what cholera is? A severe case of bowel trouble. In old chickens you notice the comb becomes pale, the mouth white and hot, chicken seems weak and droopy,

some fever, cold feet, droppings at first white, then the deadly yellow and green. That color shows you at once that the liver is affected. In the beginning it is simply a case of indigestion. Treat the case at the very start as you would a child if you would have a cure. As soon as I discover an old chicken with the least indication of white cholera I place her in a warm, comfortable coop, after having forced her to swallow several large pills made of bread crumbs and venetian red, moistened just enough to make it stick together. Then leave in coop for twenty-four hours without any other food and no water. By the end of that time the chicken is usually hungry and will eat of her own accord. I then give her water and a dish of dry bran well sprinkled with venetian red; all she will eat, and also supply grit. In a few days the chicken is singing and ready to be placed in the flock again.

In the case of baby chicks, in the first place be careful of their feed. A great deal of indigestion in chicks originates by feeding too soon. They should at least be forty-eight hours old before any feed is given at all, and then just a light feed. It is better not to feed all they will eat and leave them a little hungry. Notice their crops in the morning to see if still filled. If so, be careful, there is danger ahead. Wait until they get real hungry, then give them a dainty breakfast of bread soaked in sweet milk, squeeze dry, then sprinkle with venetian red until well colored. If the case is serious repeat the dose at the next feed, then give dry feed and something easily digested. Give a dose of venetian red frequently to prevent indigestion. Some charcoal in their feed occasionally is also a good preventive, and you will soon find the "white cholera" has gone to hunt your neighbors' chicken yard. Save the fine bits of oyster shell that the old chickens have left in their dish and mix some in the feed for the youngsters and it will surprise you how soon they learn to look for it.

Millersburg, O.

[Miss] Edith G. Low.



Exhibit of the Lakewood Farms, Lakewood, N. J., at the late Madison Square Garden show. This was, without question, the finest display ever made at a poultry show in this country, and the Lakewood people are to be complimented on their energy and enterprise.

EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for July, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the July, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 20th day of June, 1910.

[Seal.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Were You Enumerated?

The above is the caption of an article appearing in the June issue of the American Poultry World, and by request of the managing editor, Mr. Prince T. Woods, we are going to co-operate with them in an endeavor to secure a more accurate census of the poultry in the United States, and ask our readers to answer the following questions as accurately as possible and send their replies at once to the American Poultry Journal, Chicago, Ill.:

How many chickens over three months old did you have April 15, 1910?

What was the value of same?

How many turkeys over three months old did you have April 15, 1910?

What was the value of same?

How many ducks over three months old did you have April 15, 1910?

What was the value of same?

How many geese over three months old did you have April 15, 1910?

What was the value of same?

How many guinea fowls over three months old did you have April 15, 1910?

What was the value of same?

How many pigeons over three months old did you have April 15, 1910?

What was the total value of same?

How many fowls, all kinds, were raised on your plant in 1909? (The number should include all fowls, young and old stock, whether sold consumed or on hand.)

What was the total value of same?

How many fowls, of all kinds (this includes young and old stock) were sold during 1909?

What was the total amount received for all poultry sold in 1909?

Give the total number of eggs produced during 1909, in dozens.

What was the value of same?

Give the total number of eggs sold in 1909, in dozens.

What was the total amount received for all eggs sold in 1909?

It is a well-known fact that the sta-

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Look at the address on your wrapper. See that it is absolutely correct and notify us of any mistake no matter how slight. Note the expiration date which appears thereon as American Poultry Journal stops with the issue marked on your wrapper.

Make a memorandum of the number above your name and refer to this number when writing in regard to your subscription.

If you change your address give both your old and new address as well as your subscription number when notifying us of the change.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

tistics on poultry, as compiled by the government are far from correct, and the object in asking our readers to answer the above questions is to secure accurate data on the poultry business to place before the proper officials, so that the poultry industry will receive the credit to which it is entitled.

The Proposed Amendments

It appears to some of the members of the American Poultry Association that there are too many free trips to the annual meeting and that some curtailment is necessary. It has remained for the friends of the association who have not been so vociferous about what they have done for the association to have discovered this, or at least raised a hand to curtail the extravagance. Indeed, those who have had most to do with the affairs of the association and keeping themselves in office do not appear to have seen the remedy. If the proposed amendments which have the curtailment of expenses in view would be put up to the members for a mail vote, they would undoubtedly go through and become a part of the by-laws and the constitution.

An amendment is proposed which has for its object the submitting of amendments to the members with the regular ballot used for the annual elections. This will, if passed, take away from the would-be-one-man-control all power of passing or tabling any legislation which he chooses to so handle if his necessary constituency was on hand to help him vote it through at a poorly attended meeting. There are a lot of things done at an annual meeting which do not meet the approval of the members who are the backbone of the organization, and this thing of amending the constitution is something that all are interested in, and yet we cannot all be at the annual meetings nor have the representation which is our right on hand to vote our wishes.

We are not perfectly in sympathy

with the idea of having an organizer appointed to extend the membership, thinking that the branches will take care of this as they go forward with the work. If there is any commission due anyone for the new member, it should be the branch. We have as yet failed to attend a state show located in the territory of any branch where there were not plenty of branch members working to increase the membership. A solicitor would probably claim all the members taken in, and this might make trouble in many instances.

The Duck Muddle

As is generally the case where a man tries to make a descriptive standard for a bird he knows nothing about, the Indian Runner duck proposed standard is not what the real breeders of the country would have it. It is high time for the Indian Runner Club to select its representative and make sure he will be at the annual meeting of the A. P. A., ready and able to state the demands of the club and breeders who have the welfare of the breed at heart. Only by concerted action can the good be done. Better get together, breeders, and decide on the course you will follow.

Secret of Success

Are you forcing your chicks for all they are worth?

Have you provided them with plenty of shade and fresh water; are their coops large enough and the number in each coop small enough so they don't sweat at night? Examine them some morning about 4 o'clock and see.

Get them roosting on boards 4 inches wide as soon as possible. Keep the coops clean and free from lice.

If you don't do this, don't feel sore when you lose first to the other fellow who did. Remember, it only takes one good bird to win first, and is the big,

husky fellow who has always been healthy and grew from the start that has brought out the shape that was bred in it, and grew a coat of feathers with the richest color and sheen to them. Remember, the lousy, stunted or sickly birds never do this.

Therefore, I say to you, study well the conditions under which you are raising your chicks. Give them every chance to do well, and remember, a few good ones are better than hundreds of puny ones.

Here is the secret of success.

Poultry at Cornell University

On April 1 fifty acres of land was turned over by Cornell University to the New York State College of Agriculture for the exclusive use of the department of poultry husbandry. The department is now developing this farm for the rearing of chickens and growing of crops and providing quarters for the breeding stock. The New York State College of Agriculture at Cornell University is endeavoring to assist the poultrymen of the state, by conducting experiments with poultry; by correspondence; by special instruction in regular and winter courses; by showing visitors the poultry department; by personal assistance in selecting breeding pens; by poultry reading course lessons; by educational exhibits at the fairs and poultry shows; by lectures and demonstrations at poultry association meetings and poultry shows; by lessons in poultry husbandry for rural schools; by co-operative experiments with poultry. Write for bulletins to James E. Rice, Ithaca, N. Y.

Another Record-Breaking Sale

On the 2d of June we received a telegram from Mr. Ernest Kellerstrass, Kansas City, Mo., informing us that he had that day sold to Mr. Edwin A. Lemp, St. Louis, Mo., a pen of five birds for twelve hundred and fifty dollars (\$1,250), which, to the best of our knowledge, is the highest priced pen ever sold outside of the Paderewski pen which brought \$7,500. By persistent effort, good judgment and the use of liberal advertising space, Mr. Kellerstrass has brought his name and his



Farmer John: Why, Martha, yew don't mean yew got 13 chicks out of those 15 White Orpington eggs we got of F. D. Sutton? Wall, now, dew tell, and those eggs shipped all the way from Youngstown, Ohio, too. Yes, they do look fine, all one color and so strong and healthy looking. So you want me to make you a good coop so they won't get wet. Wall, guess I'll have to, for they sure cost a heap, \$1.20 each, figuring express and all. Yes, it's jes as you say, if you want the best pure breed stock it comes high, on the start. Say, Martha, I wonder if any of them chicks could win a prize at the Posey Co. Fair? Say we try and raise 'em like it say in that ere American Poultry Journal and see. All right, then, I'll make a good coop yet today.

(Continued next month.)

Crystal White Orpingtons so prominently before the people of this country as to make sales like the above possible, and has created a demand for his stock that is impossible for him to supply, he being compelled during the past spring to return thousands of dollars to customers because he did not have the stock and eggs with which to supply their wants. The same results may be accomplished with other varieties if the breeder will but follow in the footsteps of Mr. Kellerstrass.

Proposed Improvements For A. P. A.

We have a letter from Mr. T. E. Quisenberry in which he encloses a long article in which he offers some food for thought. Mr. Quisenberry cites in

some fourteen chapters, each calling attention to some new object which the A. P. A. should strive to accomplish for the benefit of the poultry industry in general and its members in particular.

We will publish Mr. Quisenberry's communication in our August issue. Be sure to read it, then come to St. Louis and put some of these good things through and then stand behind them and see they are carried out. In other words, come on and "be a booster."

Notes of the Month

One of the staff of the Poultry Culture is working hard to get Colorado chartered as a state branch of the A. P. A. We hope it goes through, as the



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS. It is acknowledged the world over as the greatest laying and exhibition strain. Eggs at half price from now on.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

BRIGHT'S BARRED PLY. ROCKS BROWN LEGHORNS...

Grove Hill Poultry Yards

William Ellery Bright, Proprietor
A. C. Smith, Superintendent

Box 410, Waltham, Massachusetts

sooner every state is a branch and represented in the affairs of the association, that soon will we get down to a general control of the affairs rather than have control by one man or small clique of men.

* * *

Fanciers of Partridge Plymouth Rocks are all elated over the showing their favorites are making in an egg-laying contest in New York. They are way ahead of all competitors now and it looks as though they will stay there. All breeders who have the good of the breed at heart are working to get them admitted to the standard at this summer's meeting of the A. P. A. at St. Louey. If you are not sure that you can help any and yet you want to, ask Secretary Noftzger, North Manchester, Ind., what you should do to boost.

* * *

Louis Paul Graham, one of the fore-

of this as yet, but if it is true, we welcome the newcomer to the fold.

* * *

Some of those amendments offered are going to be adopted, especially that one which means a cutting down of the expenses paid to two sets of officers who go to the annual meeting. Some sense to that idea.

* * *

This spring has certainly been one of poor hatches. In some quarters they have been the result of dry weather, in others of too wet weather, and all sorts of reasons have been given. Well, those of us who tried to satisfy all our trade this spring have had many a sleepless night.

* * *

Uncle John is going to provide for the safety of the poultry public when he proposes to have a committee investigate the merits of all the systems and secrets and books.



Single Comb Buff Orpington cock, weight 11 pounds, never exhibited. A grand breeder of cockerels. Bred and owned by Will H. Schadt, Goshen, Ind.

most poultry artists in America, who was assigned some work for the new Standard at the last Niagara Falls meeting and who later had this taken away from him by an influence that as yet has not been properly explained, is now located in New York City and doing nicely. He is one of the artists who have promise of a long life before them and from whom we will hear more one of these days.

* * *

The Poultry Advocate is boasting of some new presses and a new managing editor. Mr. C. W. Whitney is the gentleman referred to.

* * *

"They" tell us that Joe Coleman is the new editor of Commercial Poultry. We have seen no official confirmation

Reese Hicks wants to break into the limelight again by championing examinations for judges. He will never come out of this with a victory. The merit of a poultry judge will ever be decided by the man who shows a bird under a judge. The license of popular opinion is the license that counts.

* * *

We predict that members will get their Standards for just about cost. Good move and a popular one.

* * *

If the A. P. A. dipped into everything that folks thought it ought to, we would see a great scattering of limpid results. Let us take up one thing at a time and do it well and then decide with a degree of deliberation just what we will take up to reform next.

Columbian and Rose Comb Barred Rocks are seeking admission to the Standard, as are the Pit games under the title of Thoroughbred games.

* * *

That is a good point: When a fellow says he will not join the A. P. A. he gives, four times in five, as a reason that he does not like the monkey business and bickering that is constantly going on.

* * *

Here is one of the secrets that Gleanings in Bee Culture has bought and gives to its readers. What do chicken folks think of it and who will try it this coming winter and report to us? This formula for an egg food is supposed to make the hens lay themselves nearly to death. Try it! We supposed and had proven to ourselves many a time that about the greatest egg food that a hen could get was all the variety possible in her grain food and then a liberal dose of green cut bone every day: Take of pulverized copperas, 6 ounces; pulverized capsicum, 5 ounces; pulverized gentian, 5 ounces; pulverized fennugreek, 11 ounces; pulverized ginger, 6 ounces; pulverized Venetian red, 10 ounces; pulverized willow charcoal, 5 ounces. Add 2 pounds of ground shells if obtainable. Mix all together, and then add the other ingredients as directed below. Mix the above with 11 pounds of wheat bran and 8 pounds of linseed meal. If you cannot get linseed meal you can use cottonseed meal or ground alfalfa instead. The linseed is best if you can possibly get it, of course. If none of them can be obtained you can use all wheat bran. It is not so good, however. Give to each 24 hens about one quart or more once per day in a shallow box. Keep it before them all the time they will eat it, whenever they like. When chickens refuse to eat it altogether, stop their regular feed for a day or so and they will then eat it.

* * *

Uncle Frank Heck refuses to sell a copy of his book! Oh, fudge; he must be getting into the plute class. Is it possible that he has been making gold dollars that fast?

* * *

Yes, now that faking is such a subject and is so harmful, why not have it set forth in the next Standard just what is and what is not faking?

* * *

It will soon be time for Brother Robinson to prefer the charges he has threatened to at the next annual A. P. A. meeting. We trust his courage is still full sized.

* * *

Kansas will lose a valuable man next August when A. G. Philips, head of the poultry department at the agricultural college, leaves for Purdue University. Mr. Philips will be in charge of the new poultry division at Purdue and will be an associate in the experimentation station. The Purdue board has picked a good man to start the work. Mr. Philips graduated from the Kansas Agricultural College in the animal husbandry course in 1907, doing his major work in poultry. The next year he took advanced work in poultry at Cornell University and was then called to Kansas to take charge of the poultry work.

B.

When is a man obliged to keep his word. Ans. When no one will take it.

**Proposed Amendments to Constitution
and By-Laws of the A. P. A. 35th
Annual Convention, St. Louis,
Mo., August, 1910**

Amendment to constitution, offered by
Miller Purvis:

Amendment to Article VI, Sec. 15.
Section 34-A.—It shall divide the United
States and the Dominion of Canada into
districts to be known as Districts Nos.
1 to 10, for the purpose of organization.

Section 34-B.—It shall appoint one or-
ganizer to each of the districts named in
Section 34-A, whose duty shall be to
visit the principal poultry shows and so-
licit members for the association with the
understanding that for each member se-
cured they shall be allowed \$3.00.

Section 34-C.—When no branch asso-
ciations have been organized, the pay-
ment of the organizer shall be from the
treasury of the association. When branch
associations have been organized, the pay-
ments shall be made equally from the
funds of the association and the refund
due the branch association having juris-
diction in the territory wherein the mem-
ber has his residence.

Amendment to constitution, offered by
C. W. Zimmer:

Amendment to Article III, Sec. 1.
(e) Any state or province, or any dis-
trict composed of any combination of ad-
joining states or provinces, not exceeding
six in number, may be organized into
one branch association, subject to the
constitution and by-laws and the rules
and regulations of the American Poultry
Association. Each branch association,
through its properly accredited represen-
tative who must be a member of the
branch association, shall be entitled to
one vote at meetings of the American
Poultry Association for each twenty-five
of its members who are not present at
the roll-call.

Amendment to constitution, offered by
Fred L. Kimmey:

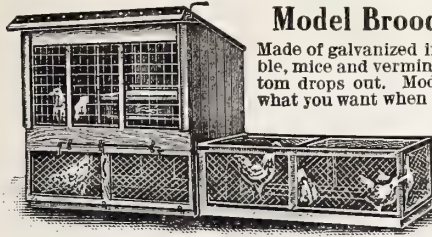
Amendment to Article V, Sec. 4. "The
traveling and hotel expenses of the pre-
sident, first vice-president, second vice-
president, secretary, treasurer and nine
elective members of the executive board,
for attendance at all executive meetings
shall be paid by the American Poultry
Association. The traveling expenses of
members of the executive board, sent by
branch associations shall be paid by
themselves or by the branch who sent
them. The traveling and hotel expenses
of all officers which accrue before the
commencement of their respective terms
of office, and which accrue after the ter-
mination of their respective terms of
office shall not be paid by the associa-
tion.

Amendments to by-laws, offered by
John H. Robinson:

Amend the by-laws by adding—Article
V. Members advisory committees. On
the written request of ten or more mem-
bers for advice as to the merits of any
method, system, formula, publication or
stock of a company or corporation, pub-
licly offered for sale to persons inter-
ested in poultry, the president shall with-
in thirty days appoint as an investigat-
ing committee three disinterested mem-
bers of the association competent to pass
upon the matter under investigation, to
investigate and to report to him without
unnecessary delay, and upon receiving
such report the president shall transmit
the same to the secretary of the Ameri-
can Poultry Association with instruc-
tions to have the report printed at once

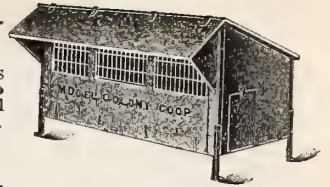
Model Portable Henery

Just the thing for the City Man, the Breeder, and for keeping hens
on the Colony Plan—a complete hen house. Economy Trap
Nests, simplest and most economical on the market. Never will
get out of order, and will always work. Made in wood and metal.



Model Brood Coops

Made of galvanized iron, collapsi-
ble, mice and vermin proof. Easily cleaned; by drawing two hooks bot-
tom drops out. Model Setting Coops, made of galvanized iron. Just
what you want when the hatching season comes. You can also use it as
a brood coop. Write at once. Catalogue
free. Please mention you saw ad in American
Poultry Journal. :: :: :: ::



Niemann Bros. Mfg. Co.
Box 677 : : Mt. Olive, Illinois

Little Red Hen Poultry Tonic

Formerly Called Fryer's Roup and Cholera Cure and Egg Producing Tonic

This liquid tonic has proven to be such a wonderful cure for so many dis-
eases of chickens that we desire every one interested in raising poultry to
know it. It will cure a severe case of Roup in three to five days. Cholera
yields as quickly.

White Diarrhoea, the "terrible," will disappear so soon as the presence
of the Little Red Hen Tonic is known.

As a preventive this tonic is sure. It will aid in keeping the flock in a
healthy condition, increases the production of eggs and improves their fer-
tility. This tonic is prepared and shipped in quadruple or four times feed-
ing strength. To one quart add three quarts of water.

One quart, \$1; three quarts, \$2.75; six quarts, \$5. Small bottle, 50c. We
also have a 50c mailing size to send postpaid.

Wayne Poultry Tonic Co., Fort Wayne, Ind.

Poneto, Ind.

Dear Sirs:—I have been using your Poultry Tonic for four years and find it a sure
cure for roup, an excellent and powerful tonic and greatest egg producer I ever tried.
I never try to raise chicks without using it. I am never troubled with bowel trouble in my
chicks any more, and believe they grow and even fatten one-half faster with its use. My eggs
are always fertile now. I feed it all year. My hens are a great profit to me since using it.
It is the best I ever used or can find.

ALBERT YARGER.

Wayne Poultry Tonic Co., Fort Wayne, Ind.

A Great Record

No incubators or brooders on the market can show
such a record as that achieved by The Prairie State
machines. Their popularity which has made them the
choice of both beginner and expert to the extent that
they are considered the highest type—most practical and
successful of all others is the result of actual superiority
of material, construction, hatching and rearing principles.

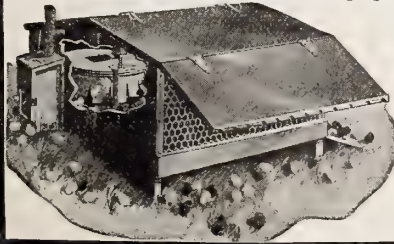
Prairie State Incubators and Brooders

have always embodied the very best known principles of artificial incubation, supplemented
by the best skilled construction and high-grade material. That's why they prove the best in
actual use. The Sand Tray feature alone is
sufficient reason for preferring a Prairie State to
any other incubator. The Universal Hoyer is
years ahead of ordinary brooding devices. When
such experts as Edward Corning, of Bound Brook,
N. J. endorse and use them exclusively they must
be the best. He writes:

"After trying your Universal Hovers we have dis-
carded all others, and intend to use them exclusively,
as they give perfect satisfaction."

Let us send you our 1910 catalogue—it will
deeply interest you. Write for a copy to-day.

PRAIRIE STATE INCUBATOR CO.
468 Main Street, Homer City, Pa.



and mailed to all members of the association and to the poultry press.

Amendments to Article III. Offered by J. H. Robinson, in accordance with unanimous resolution of a conference of officers of branches of the American Poultry Association, at Niagara Falls, August, 1909, attended by nearly all branch officers present at that meeting, to prepare and submit at the proper time an amendment to the constitution providing for the admission of individual members on annual payments, such members to have membership privileges in the branches only, until the full life membership fee had been paid.

Amend Article III, Sec. 1, by substituting the word "six" for the word "five" in the first line.

By inserting in paragraph (e) after the words "American Poultry Association" in the sixth line "and auxiliary branch members" and inserting after

fee of ten dollars. Auxiliary members shall have all privileges of other members in meetings and elections of branch associations, but shall have no part in meetings or elections of the American Poultry Association, either in person or by proxy.

Fifty per cent of each auxiliary branch membership fee shall be paid by the branch to the treasurer of the American Poultry Association, to be held by him on deposit until the auxiliary member qualifies as a life member, when it may, by vote of the executive board, be transferred to the general fund of the association.

Amendments to constitution, offered by Reese V. Hicks:

Amend Art. 3, Sect. 1-a of the constitution and by-laws by adding to the last of Sec. 1-a after the words "by the executive board," the secretary treasurer may receive applications in the form

annual meeting shall be held in connection with any poultry exhibit or display."

Amend Art. 3 of the by-laws by substituting the word "ten" for the word "two" in Sec. 9, fourth word in the first line.

Amend Art. 3 of the by-laws, Sec. 3 by substituting in the third line from the fourth word to the last word of the section the following: "On special blanks provided for in Sec. 10 of this article."

Amend Art. 3 of the by-laws by adding, "Sec. 10. The executive committee shall prepare a special blank mentioned in Sec. 7 of this article and also a blank to be used by the five judges who endorse applicants for license. These blanks shall be complete in every detail, showing applicant's experience, ability and integrity as a poultry judge, as well as his standing in the community in which he lives.

Sec. 11. All judges shall file annually with the secretary of the American Poultry Association a list of shows judged by them the past season, showing dates, estimates of number of specimens exhibited and secretaries' addresses.

Sec. 12. The executive committee shall have the power to annually revise the list of judges, and any judges who have not judged a sufficient number of shows that past season, or about whose competency to judge question may be raised by any member of the association, shall be summoned to stand an examination before the examining board as hereafter provided.

Sec. 13. The executive board shall annually elect an examining board of three members of the A. P. A. whose duties shall be to prepare eight separate sets of questions or tests to be used in examining any judges that the executive board may think need such examination.

Sec. 14. The eight sets of questions or tests before mentioned shall be for use at branch shows held in the first, second, third and fourth full weeks in the months of December and January. Said questions shall be sent to the A. P. A. judges at branch shows where applicants are to be examined by the chairman of the examining board. Said questions shall be opened on Wednesday of the show in the presence of all applicants to be examined. These tests may be by written questions, also by actual work in the show room under the direction of the A. P. A. judge. Where work in the show room is used the judge making the examination shall previously score the birds and the score shall not be communicated to the applicant or any one else. The scores, as made by the A. P. A. judge and by the applicant, shall be forwarded with the examining papers and answers under seal to the secretary of the A. P. A. These examining papers, answers and score cards shall be opened by the executive board at its next meeting and the merits of said applicant decided on by the executive board, giving due consideration to the skill and ability shown in the examination paper answers, scores, etc.

Sec. 15. The compensation of this examining board, as well as judges who make the examinations, shall be fixed by the executive board.

Sec. 16. The executive board is hereby empowered to provide further details and rules for carrying out the provisions for this examination.

Sec. 17. Applicants for judge's license shall be referred to the branch show for examination that in the opin-



SILVER WYANDOTTE.

A 94¼-point hen in one of the breeding pens of Walter Perkins, Ames, Iowa.

the word "members" in the last line "(except auxiliary branch members)."

By adding to section 1, (f) auxiliary branch. By unanimous vote of the executive committee of the branch, branch associations may accept as auxiliary members individuals not life members of the American Poultry Association under the following provisions and restrictions: An applicant for auxiliary membership must pay to the branch with is application a fee of two dollars and thereafter one dollar annually in advance until the total payments aggregate ten dollars, when he shall become a life member of the American Poultry Association. An auxiliary branch member may at any time become a life member on payment of the difference between the amount he had paid in annual fees and the life membership

hereafter provided for life membership upon payment of \$2.00 with the application and the further payment of \$1.00 per month for 10 consecutive months thereafter and applications so received shall not be voted into membership until the last month of the payment has been made.

Amend Art. 4 of the constitution, Sec. 3, substituting the word "two" for "three" in the last sentence.

Amend Art. 5 by adding the following: Sec. 5—No officer except the secretary-treasurer shall serve more than two terms in the same office consecutively.

Amend Art. 7, Sec. 1, striking out the words "in August" and substituting therefore the words "between July 15 and November 15."

Amend Art. 7 by adding "Sec. 3. No

ion of the executive committee is most convenient for the applicant.

Amendment to constitution, offered by Henry Steinmesch:

Amendment to Article V, Sec. 4. The traveling and hotel expenses of the president, first vice-president, second vice-president, treasurer, and nine elective members of the executive board for attendance at all executive meetings shall not be paid by the American Poultry Association. The traveling expenses of members of the executive board, sent by branch associations shall be paid by themselves or the branch that sends them. The traveling and hotel expenses of all officers, which accrue before the commencement of their respective terms of office shall not be paid by the association.

Amendment to constitution, offered by Amos Burhans:

Amendment to Article V, Sec. 3. The terms for all officers shall be for one year, except those of the executive board as otherwise provided, or until their successors are elected and qualified. All official terms shall commence with the new business at each annual meeting, except those of the vice presidents and the members of the executive board, whose terms shall begin one month after they are declared elected by the board of review at the annual meeting.

Amendment to Article XII. The constitution and by-laws of the association having been approved by a two-thirds vote of members at a regular meeting, may only be repealed or amended by a like vote by mail. Any appeal or amendment shall be offered in writing and copy of same forwarded to the secretary and president at least ninety days before the annual election. The secretary shall send notices of proposed amendments or appeals to the members at least sixty days before the annual election and the election commissioner shall prepare a ballot which shall include such proposed amendments and appeals and forward it to the members of the association with their regular ballot for the election of officers. Each proposed amendment or appeal shall be accompanied by the name of the member who suggests such change, both in being sent to the members by the secretary and on the ballot.

Amendment to Article IV, Sec. 6. Last sentence in said section. He shall keep on file all letters received, together with a carbon or duplicate copies of all letters sent out by him, for the information of the president or committees, and shall act as secretary of the executive board, and prepare a complete, stenographic report of all meetings of said board and the annual meeting, for the information of the members of the association.

Amendment to constitution, offered by Chas. Walker:

Amend Article X by adding thereto a new section to be known as Section 4 and 5.

Sec. 4. After the publication of each revised addition of the American Standard of Perfection, any member in good standing in the association may purchase for his own use, one (1) copy of said revised edition at the actual cost price (plus postage, if by mail) from the secretary of the American Poultry Association.

Sec. 5. Any member may also purchase as many of the American Standard of Perfections as he may want at the regular wholesale price, which he may sell at the authorized retail price. Any member selling them at less than the

authorized retail price shall be guilty of conduct unbecoming a member and he shall be dealt with accordingly.

Amendment to Article VI, Sec. 40. On receiving and counting the nominating ballots, the election commissioner shall ascertain by mail, within the ensuing thirty (30) days, who among the candidates nominated for each office are willing to stand for election. The candidates must notify the election commissioner by registered mail and designate the office to which he will stand for election (pro-

vided he has been nominated for more than one), and unless so notified the election commissioner shall not place his name on the ballot.

New varieties applying for admission to the standard:

Notice is hereby given to all members of the American Poultry Association that petitions and other papers for the admission to the standard of Barred Minorcas, Columbian Plymouth Rocks, Partridge Plymouth Rocks, thoroughbred Games, Aeels and R. C. Barred Plymouth Rocks

a season's work with a 15,000 egg Hall Mammoth Incubator

MAPLEWOOD FARM
Breeder of S. C. White Leghorns

RICHFIELD SPRINGS, N. Y., May 28, 1910.

THE HALL MAMMOTH INCUBATOR CO.,
Utica, New York.

Dear Sirs:—

Please make contract (of even date) for the purchase of an **additional 15,000 egg Hall Mammoth Incubator**, installation to be made during the month August, 1910.

The 15,000-egg Hall Mammoth Incubator that you installed for me last November has given **perfect satisfaction** both in the **ease of operation** and in the **function of hatching chicks**. The quality of the chicks has been **uniformly satisfactory**. During the period of brooding the death rate has been low, for the chicks seemed to be **extra strong** when hatched.

Since the 20th of April the fertility of the eggs laid here on my plant has increased, and since then my hatches have averaged about **75% of all the eggs set**,—I do not test. I had one hatch of **252 chicks from 300 Brown Leghorn eggs (84%)** that were brought here to be hatched. I have had considerable of this custom hatching to do.

The fact is, **more eggs have been offered me this season than my single 15,000-egg machine could accommodate**. However, by doubling my capacity to a total of **30,000 eggs per hatch**, I expect to be able to handle all classes of trade,—custom hatching, the baby chick business, and the chicks necessary for my own poultry operations.

With all good wishes, I remain,

Very truly yours,

(Signed) C. M. WOOLVER, Prop.

Hall Brooder System

JESSE P. SMITH
Breeder of Barred Plymouth Rocks

TAUNTON, MASS., April 12, 1910.

THE HALL MAMMOTH INCUBATOR CO.,
Utica, N. Y.

Gentlemen:—

It is surprising to know how **much** can be accomplished with **very little labor** when one has the **proper equipment**. This spring I have had the **best success I ever had, thanks to the Hall Brooder System**. My chicks are **doing fine** and sometimes I am not near the brooder house for hours. The heat is **easily regulated**, the hovers can be cleaned in a **very short time** (and for this reason my chickens this year are **free from lice**), so all we have to do is feed and water and watch them **grow**.

Wishing you the success you deserve, I am,

Respectfully yours,

(Signed) JESSE P. SMITH.

What does it mean to you to know that **100%** of the Hall Mammoth Incubators and Hall Brooder Systems installed during the years 1902 to 1909, inclusive, were in **successful operation** throughout the season of 1910! The Hall catalog is **free**.

The Hall Mammoth Incubator Co.

UTICA, NEW YORK

Dept. X

have been filed with the secretary, and such applications are now pending and will be presented at the 35th annual meeting of the association.

American Poultry Association,
S. L. Campbell, Secretary.

* REGAL WHITE WYANDOTTES MAKE A RECORD HATCH.

Today's mail brought us the following letter with affidavit, which explains itself. We doubt if ever a similar hatch was made under same conditions. It is simply perfection, and we congratulate both Mr. John S. Martin and Mr. E. H. Demsey.

To ship hatching eggs near to 2,000 miles and attain such results, stands for far more than we realize at first thought. To Mr. Martin all credit is due for these results. He has the goods in quality, and it is evident he gives them every care and serves his patrons as they should be served.

H. P. Schwab.

Arkadelphia, Ark., May 27th, 1910.

John S. Martin, Esq.,

Port Dover, Ontario, Canada.

Dear Sir: I am enclosing affidavit which will substantiate fully statements made in my recent letter to you. Whenever one is so fully repaid on an investment as I was in this instance, I think it nothing but right that I should advise you of the fact.

I do not know what success other patrons have had with your Regal eggs, but I want to tell you how well pleased I am with the two settings you sent me. I set fifteen the day they came and three or four days later I had another hen go to setting on the other fifteen. I got thirty of the finest, healthiest chicks you ever saw. I think it is nothing less than remarkable to send eggs so far and have them all hatch. It certainly shows excellent breeding care.

Thanking you for my success and hoping to do more business with you later on, I am,

Yours respectfully,

E. H. Dempsey, Electrician.

State of Arkansas, County of Clark.

Personally came and appeared before me the undersigned authority, E. H. Demsey, to me well known, who after being by me first duly sworn, deposes and says that he ordered and received thirty Regal eggs from John S. Martin of Port Dover, Ontario, Canada; that he used these thirty eggs for setting purposes and successfully hatched thirty healthy chickens out of thirty eggs set.

E. H. Demsey.

Sworn to and subscribed before me this 27th day of May, 1910.

C. W. Trousdale, Notary Public.

"BANTAMS OF QUALITY"

Is the title of a nifty little catalogue put out by Mr. Frederick G. Davis, Ben Avon, Pittsburg, Pa.

This catalogue has the stamp of quality on it throughout and is the finest one of its size we have seen. Several fine views of the plant in sepia half-tones are tipped in and add class to its appearance. The whole is in keeping with Mr. Davis as a man and the quality of Bantams which he breeds. His varieties are Cochins, Buff, Black and White Sebrights and Rose Combs.

This catalogue may be had by addressing Mr. Davis as above. His ad. appears elsewhere in this issue.

STANDARD HATCHERY CREDITORS.

If all creditors and persons who have sent money in advance for orders from the Standard Hatchery, Attica, Ohio, will send their names and details of order to Harlan James, Box 7, Texas, Baltimore county, Maryland, an effort will be made to investigate the failure of the above named company, with a view of securing a full return of the money.

NEW YORK STATE FARMS.

The helpful interest shown by the New York Central & Hudson River railroad in bettering farm conditions throughout the state has again been evidenced—this time by the distribution of a pamphlet listing farms that are for sale or for rent in New York state.

Over three hundred farms are shown upon the list, and 6,346 acres are offered for sale at an average price of less than \$20 per acre.

The farm list is well illustrated, showing some of the places that are offered for sale. Perhaps the most interesting photographs, though, are those showing the first steps taken on the New York Central practical farms at West Bergen and at Chittenango. The pictures of these farms show their present discouraging condition and the railroad hopes later to publish pictures indicating the real progress achieved.

A great many of the farms on the Central's list have the same possibilities as this property recently taken over by the company. To the man that takes hold of one of these farms to build it up the experience and methods followed by



BUFF WYANDOTTE COCKEREL.

First prize youngstown, Ohio, January 10-15, 1910; also color and shape special. Score, 94½. Bred and owned by Fred A. Poertner, Berea, Ohio.

the railroad will be of real help and encouragement. The farm list, for which no charge has been made, either for listing or in distribution, is full evidence of the readiness of the railroad to co-operate to the fullest possible extent in this work.

A copy of the list can be obtained upon application to any of the agents of the New York Central & Hudson River railroad, or W. C. Bower, Grand Central Terminal, New York City.

J. G. Buddle & Co., Oak Park, Ill., who purchased Zimmer's Red Raven strain of S. C. Reds, have had several reports of 100 per cent hatches, one where the eggs were shipped to California. This proves the wonderful vigor and vitality found in the Red Raven strain.

A. E. Blaker, Parsons, Kan., the well known breeder of Barred Plymouth Rocks, is offering some great bargains in hens this month. Write him for prices and mention the American Poultry Journal.

OUR PRIZE CONTEST.

To those readers who were interested in the grand prize contest which closed June 10 we will say that the prizes were awarded the following:

First—A. S. Johnson, New Jersey.

Second—Mason A. Green, Tennessee.

Third—Fk. W. Sistek, Pennsylvania.

Fourth—S. A. Shearwood, Montana.

Fifth—C. S. Hunting, Missouri.

Sixth—D. C. Wetter, Illinois.

Seventh—H. L. Johnson, Ohio.

Eighth—L. W. Ranker, Ohio.

Ninth—Mrs. C. A. Gifford, Texas.

Tenth—Marlow S. Hawkins, Indiana.

Mr. Johnson deserves great credit for the work he did in this contest, as he not only succeeded in winning the piano but also won the first special monthly prizes during the months of January, February, March and April and a watch in May.

Mr. Green, winner of the second prize, did not succeed in winning any monthly special prize with the exception of the watch he secured last month, but he sent in some subscriptions every month and is well repaid by the \$100 check he received as his prize.

Mr. Sistek is another agent who secured two monthly special prizes, having won third March special and second April special. He also received a watch last month, and these prizes, together with the \$50 grand prize, certainly repays his efforts.

Mr. Shearwood also won third February special and second March special prizes, besides the \$35 grand prize.

Messrs. Hunting, Wetter and H. L. Johnson are three agents who did not win any special prizes in any month, but all three were presented with a gold watch besides the grand prizes, of which Mr. Hunting won a \$30 prize and Messrs. Wetter and Johnson both won \$20 prizes.

Mr. Ranker, winner of the eighth prize, also won third January special in addition to the \$15 grand prize. Mrs. Gifford practically duplicated this by winning third April special and a \$15 grand prize. Mr. Hawkins, winner of the tenth prize, was the surprise of the day. He sent in his first two subscriptions on May 19 and then went in for a grand prize and succeeded in winning tenth prize by a margin of one subscription. For this feat he received a \$15 grand prize and a gold watch.

There were a good many agents who had a good opportunity to win a prize, but lost interest in the contest after having either won a monthly special prize or who missed winning one by a small margin. The most noticeable of these was Mr. Ira Bradford, of Pennsylvania, who won the second February special prize and missed the tenth prize by a small margin of two counts because he did not interest himself in the grand prizes. Mr. Dunbar, of Vermont, also lost out by a small margin after having won the second January special prize, for the same reason.

We will soon have another contest and will notify all our friends as soon as it is opened.

These contests give each and every person a chance to get good stock or poultry appliances by taking a few subscriptions to American Poultry Journal during their spare time. Make sure that you receive a copy of the prize list as soon as it is ready by telling us now, either by post card or letter that you want us to send you a copy. You will not regret it.

NEW YORK FOR A. P. A.

Organize Poultrymen to Secure Parcel
Post System. Lower Express
Rates and Secure Better
Service.

By "Bub."

The American Poultry Association has made a most wonderful growth since the meeting held at Niagara Falls in August last. Since that time over five hundred progressive poultry breeders have paid their \$10 fees and joined the association. This looks mighty good for the poultry business as a whole and speaks well for the hard working secretary, Mr. S. T. Campbell.

Seeing the need of a live wire working committee on organization, that will assist Mr. Campbell in keeping everlastingly at it, President Bryant appointed the following on such a committee to work with him and Secretary Campbell: Harry Collier, of Tacoma, Wash.; John A. Murkin, of Nashville, Tenn.; H. B. Donovan, of Toronto, Canada, Theodore Hewes, of Indianapolis, Ind., and Reese V. Hicks, of Topeka, Kans. Mr. Hicks having made a good record in going to Texas and helping secure fifty new members and assisting in organizing a Texas state branch, etc., was considered a valuable man by President Bryant and Secretary Campbell, as chairman of this committee. Thus he was appointed. Keep at it, Hicks, old boy, as G. N. says, and with your southern chivalry and northern integrity, together with the warmth of western progressiveness which you have freshly adopted since moving to hale and hearty Kansas where the wind blows hard and the alfalfa reigns supreme, may your measure of success be full, for we all benefit therefrom.

But as to what they are expected to do and, we believe, will do, if every chicken-interested body will join our ranks, is this—promote a greater interest in the poultry business in general and the American Poultry Association as well. Organize all poultry people for the purpose of advocating and securing the parcels post system. Go after the express companies with united effort to secure a revision of rates and better services. Go after the state officers and governor of every state and help breeders secure state aid toward promoting the poultry industry in that state. Develop a publicity department that will gather news that will develop the industry and awaken enthusiasm and see to it that such news is published in local or state wide publications that will reach the people directly in touch with that locality. Develop more and better institutes that will interest the farmer and by showing

him proper charts, figures, etc., besides telling him facts, help him improve his farm stock from a commercial standpoint.

Last, but not least, by a whole shot, is the need of three thousand new members for the American Poultry Association.

That is what this committee needs to back it up, and it needs it bad. Likewise, that is one of the first things now taking the attention of this committee. Let's break up the game right here in this twelfth inning of the A. P. A. year 1909-10 and

S. C. Black Minorcas

Eggs from pen headed by Chief Big Comb, \$5 per 15. Order now! Two-months-old pullets at \$1 each from best pens. Utility stock 75c or \$65 per 100. These can be delivered by June 15 or July 1. Send for booklet.

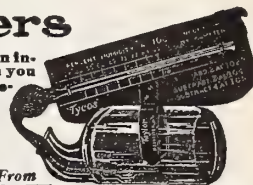
South Side Poultry Farm, F. C. Wing, Prop., Wayland, Michigan

"Tycos" Hygrometers

show the amount of moisture (humidity) in incubators. Don't risk eggs, time and money when you can insure hatches with a "Tycos" Incubator Thermometer and a "Tycos" Hygrometer.

A "Tycos" Instrument, supplied with any incubator, is the mark which proves that the maker puts value into his machine, regardless of cost. Insist on the "Tycos."

Taylor Instrument Companies ROCHESTER, N. Y. Where the Thermometers Come From



The Woodland Poultry Farm

WELL STOCKED WITH FINE POULTRY—White Leghorns, reliable stock, scoring 93 points, fine layers; White Rocks, Fishel's and Miller's Best; White Orpingtons, Cook's strain, the best layers and breeders, Philo system established and now in operation with 250 broilers in coops. Five acres of ground in pasture and growing feed, fine shade trees. A comfortable home and convenient out-buildings, a flowing well, an orchard with the best fruit trees and strawberry bed. This home with all furnishings and implements will be sold for \$3,500 cash to the first purchaser. A fine opportunity for those who wish a country home and an immediate income.

Dr. F. M. Wood, Prop., Lock Box 22, Woodland, Illinois

ARGUMENTS

Not needed as to quality when one goes to New York with a string of their very own birds and wins in

White Wyandottes

1st, 3d and 4th cockerel; 1st and 3d pullet; 2d hen; 5th cock; 2nd pen; 1st collection; many specials; and pen lost first only through slight injury to male's tail. Compare this with UNSUBSTANTIATED claims of "unbeaten" stock. You want a fine trio now, I can please you. You want 100 or 200 layers, I can furnish them. You want soon to win at a Fall fair, I can turn the trick for you or better still you want to win over some competitor this winter. Then you must write me for it's the hottest competition my stock wants. You say what it's worth to win, and I will see to it you do. Send 10c for handsome illustrated catalogue to the great specialist breeder.

ARTHUR G. DUSTON, BOX 1020, SO. FRAMINGHAM, MASS.

NOW IS THE TIME FOR

The Norwich Automatic Exerciser and Feeder

for growing stock and the fowls on range. Fill the hopper, and stand the machine in the shade. See that they have water and then go, attend your business. The machine will take better care of the stock than you possibly could. Saves nearly 25 per cent of the actual costs of feeding. Is positively rat and bird proof, rust proof and dust proof, and delivers only fresh, clean grain in just such quantities as you desire. Chicks will grow faster, mature quicker, and be stronger and healthier if fed and exercised by

The Norwich Automatic Exerciser and Feeder

while your waste is eliminated and the labor reduced to filling the hoppers when empty. It will cost you nothing to prove our claims. We guarantee them.

Norwich Automatic Feeder Co.

20 Water Street : : : Norwich, Connecticut



with the fleetest of the committee on bases, Campbell to bat, and Bryant to follow, let's run in about 200 more scores this month. Why not 700 new members for the year ending August 1, 1910. Every man's duty is joining, or, if already a member, his duty then is to send for application blanks to Secretary S. T. Campbell, Mansfield, Ohio, and then go out and secure ten or more new members. 200 more is easy if every one gets in the game.

BIG FIRM IS TO LOCATE IN CHICAGO.

Cyphers Incubator Company Acquires Site for Plant.

Announcement was made yesterday that the Cyphers Incubator Company, of Buffalo, N. Y., has closed a contract for 43,500 square feet of land in the central manufacturing district and would at once proceed with the erection of a large plant.

The improvements will consist of an office and warehouse building, three stories and basement high, a poultry mill four stories and basement high and an alfalfa mill two stories high. These buildings will be located on the tract just acquired through McKinney, Hoge & Manss on West Thirty-seventh boulevard between Iron street and Ashland avenue. Six private switch tracks from the Chicago Junction railway will connect with the warehouse and mills, which were designed by Alfred S. Alschuler.

The Cyphers Incubator Company, which is said to be the largest manufacturer of incubators and chicken feed in the United States, decided to locate in Chicago after considering various sites in other parts of the central West.—Chicago Record-Herald.

INTERESTING FACTS ABOUT COLUMBIAN WYANDOTTES

Notwithstanding the popularity and enormous demand for Columbian Wyandottes little is found in the press regarding this valuable variety. If you take notice of most of our poultry shows in America and see how well this variety is represented and even at three of the largest shows in the East they were the largest class entered, also notice that many of our prominent breeders are taking up Columbian Wyandottes because they see a promising future in them. I will say that the Columbian Wyandottes have won public favor not from the efforts of any individual, or club, but upon their merits. As to the origin of this variety it is not of much concern, and as many authorities differ on this subject I will not burden you with this line of talk. Now I will tell you why I breed Columbian Wyandottes. They are most prolific in egg production, in short they lay more dollars worth of eggs in a year, why? because they are the best winter layers, and as a table fowl most delicious, surpassing anything ever before introduced as a broiler and roaster, all will testify to this from the most humble cook to the French chef. I challenge the world to produce a more beautiful bird, wonderful in its markings. There is no combination of colors so catching and pleasing as that of black and white, you may travel from Maine to the Golden Gate and you will not find a fowl that has all the qualities of the Columbian Wyandotte, by their

beauty, by their utility, a combination that goes to make up all the good, "The Very Best All Purpose Fowl." They are hardy as chicks, can stand the most severe weather and mature quickly. In most cases pullets begin to lay at 5½ to 6 months and they make good mothers, but, on the other hand are not persistent setters, it only takes about two days in breaking them up. They will stand confinement and on the other hand are also good foragers, it takes but little feed to keep them in good condition. The Columbian Wyandottes are of medium standard weight which is as follows: cocks, 8½ pounds; cockerels, 7½ pounds; hens, 6½ pounds; pullets, 5½ pounds. Now dear friend get in the band wagon and begin breeding Columbian Wyandottes; buy a few birds of some good reliable breeder, be sure to get a good foundation and success is sure to be yours. If you take care of the Columbian Wyandottes, they will take care of you. If anyone wishes to know more about the Columbian



Cuckoo Wyandotte cockerel from first pen Madison Square Garden, 1910. Bred and owned by E. L. Geisel, Morganville, N. J.

Wyandottes I will be glad to hear from them. Mention American Poultry Journal.

CARE OF CHICKENS IN THE TOWN—SEND TESTS.

Hon. C. F. Townsend, president of the National Poultry Association, is conducting a series of extensive tests at his home in Weedsport, N. Y., in which only the finest birds, from breeders of unquestioned standing, are admitted, writes Mr. George Cugley, the well known manufacturer of Springfield, Ohio, who recently visited Judge Townsend and took careful notes of his methods.

The varieties that have been admitted thus far include pens of U. R. Fishel's exhibition White Plymouth Rocks, the late R. C. Tuttle's Rose Comb Rhode Island Reds, F. I. Bennett's Buff Leghorns, S. A. Nofztger's Partridge Plymouth Rocks, Judge Lewis' Brown Leghorns, L. Y. Perry's Rose Comb White Leghorns, a pen of exhibition Houdans, which was subsequently withdrawn, and an unnamed variety of new rose comb buffs. Test shipments of eggs were made to various points from Maine to Oregon and from Wisconsin to Texas. Reports on these shipments, covering

lowered express rates—thanks to the energy of the National Poultry Association—on various packages used, the hatching of such eggs, etc., will be made later, when the reports of the 1910 results with the adult fowls are made public.

The chick tests were numerous, interesting and valuable. Incubating was done with various machines and with hens. With the sole exception of the Reds the eggs were remarkably fertile. The hens used were Wyandottes, Plymouth Rocks and Rhode Island Reds, and with them several hatches of from 90 to 100 per cent of all eggs set were recorded. The hens were set in Nieman Bros. metal coops and in common boxes; but in every case they were placed on sods with the grassy side up, and a handful of litter thrown in—the object being to get as near to nature as possible. Record hatches were made by the Buckeye, Cyphers, an old-style Model and an Old Trusty. Before setting, all eggs were dipped in a creolin solution—one gill of creolin to eight quarts of water. The hens were treated for lice before setting and at the beginning of the third day before the hatch was due.

When the hatch was over all chicks were placed in Lullaby brooders—from ten to twenty in each—where they rested, warm and cozy, for from thirty-six to forty-eight hours. Then a small amount of fine grit and medicated charcoal was placed in each brooder, the bottom of which was covered with a deep litter of short cut alfalfa. Two hours later a first meal of Parks & Pollard's Gritless Chick Feed was given.

BUFF WYANDOTTES OF THE BETTER KIND.

As Seen by Our Artist, Mr. L. A. Stahmer, at Mattison and Toel, So. Shaftsbury, Vermont.

During the early part of the month of May it was the writer's privilege to visit the yards of Mattison & Toel, the well-known breeders of Buff Wyandottes, whose phenomenal annual winnings at Boston and New York during the last twenty years have brought them before the public's eyes and stamped them as the foremost breeders of this variety in the country. The writer, having bred Buff Wyandottes himself at one time, was familiar with their great record and expected to see some good birds, knowing well the difficulties in breeding perfect colored specimens of the correct Wyandotte type. Well, "we came, we saw," and we were conquered. NEVER (note we spell it in capitals) have we seen so large a lot of Buff Wyandottes with such good coloring and type as the lot that greeted our eyes. Color of that so much desired golden buff shade running down to the skin, absolutely free from black in tail and wings. Wyandotte type that would satisfy the most fastidious breeder of this variety, together with perfect condition, such are the birds we saw. Correct type and color—how many have despaired of ever attaining this desired result in Buff Wyandottes—here we saw it in profusion, hundreds of birds of the same type and color, we shall remember them for a long time to come.

It is customary for some representatives of a poultry journal, when they visit a fancier's yard, to pick out one or a few of the good birds and elabo-

rate on the write-up of these individual specimens. But I would certainly be "up against it" if I were to apply this rule to Mattison & Toel's birds, for this one reason—they have not got one or a few good birds, "THEY HAVE HUNDREDS" of a quality so uniform that it is hard to pick out the best. I will only undertake to mention a few prize winners, which will convey something of an idea of the high quality of the entire lot, as well as to convince the most skeptical that their prize winners are used in their breeding pens, and not borrowed for

exhibition purposes. I saw the Boston 1909 winners, as follows: First and second prize open class cockerels, first prize cock, first and second prize pen cockerels, and the eight first and second prize pen pullets. Boston 1910 winners as follows: First and second and sixth prize cocks; first, fourth and sixth prize cockerels; first, second and fourth prize hens; first, second, third and fourth prize pullets; all twelve pullets in first, second and third prize breeding pens; also cock and four hens comprising first prize pen fowls.

That this is not hot air talk and an established fact was proven at the recent Boston show, where they exhibited among others three pens of their Buffs. "The judge was up against it." He almost had to draw lots before he could decide which pen should be placed 1, 2, 3, so uniform in color were these birds that each one seemed the exact counterpart of the other. Twenty years with Buff Wyandottes has given Mr. Mattison the knowledge of producing the best, and the great record at Boston, 1909, also 1910, where they won every first prize offered in this variety, is the "proof of the pudding." For the reader's benefit, we will mention that we saw a most beautiful herd of Jersey cattle at their place, the individual values of some of these animals running up to \$10,000. Cows dams sold at auction for \$3,700 and \$2,600 and sired by a bull who also sold at auction for \$10,000, and in calf by a bull that sold at auction when but eight months old for \$10,200. This only goes to show that a man who can breed cattle of this value certainly would not tolerate a poor specimen of a chicken around the place.

We found 1,100 chicks already hatched out, and the eight incubators in use will bring the total number of chicks well up to two thousand chicks by July 1, which is the anticipated number they desire to raise at home. They also have many chicks raised by farmers for them, but just how many were hatched out at the time of my visit could not be ascertained. And the beautiful buff color which they will have at maturity, together with the blue of the first prize ribbons, which many of them will win, forms a pleasing color combination in our mind.

Mr. Mattison's experience, covering the past twenty years, or since the origin of the breed, is the best possible argument of their conviction that this variety is rapidly coming to the front as a practical all around fowl, and I am frank to admit my surprise in finding so well developed a business proposition minus any new-born enthusiasm, and plus practical buildings, environment and birds, all of which suggested thrift and success that could only come from well developed plans, worked out by men behind the guns who knew how to use the very best of material by having been schooled by years of practical experience. Everything about their farm is kept up in first class shape, cattle and poultry buildings of all kinds of a good, substantial but plain nature, built for comfort and successful handling of their herd and flocks.

Their 1910 mating list gives a description of the late winners of Boston and contains opinions from some of the foremost judges in the country. They send it free.

Louis A. Stahmer.

PAROID Roofing

F. W. BIRD & SON, Est. 1795
50 Neponset St., East Walpole, Mass.
New York Washington Chicago Portland, Ore.

ATLAS PORTLAND CEMENT

Makes The Best Concrete



Colored Leg Bands

for poultry and pigeons, all colors, all sizes. 12 for 25c, 50 for 85c, 100 for \$1.50. Catalog and samples 2c stamp. A. P. SPILLER, Dept. A, Beverly, Massachusetts.



BABY CHICKS....

Safe arrival guaranteed. 8 to 12 cents each. Orders filled promptly. Send two 1c stamps for illustrated catalogue. Sunny Side Poul. Farm Box AP Cromwell, Indiana

200-EGG INCUBATOR \$12.80

This perfect 200-egg Wooden Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free. GKO. H. STAHL, Quincy, Ill.



Bennett's
FAMOUS
S.C. REDS
STANDARD OF EXCELLENCE
WRITE FOR ILLUSTRATED CAT. G
CANTON, ILL.

The Natural Hen, 200-Egg Size INCUBATOR \$3



Patented. Uses natural heat from actual living hen. Perfect heating, ventilation regulation. No trouble; true success. Over 500,000 have proved it to be the greatest hatching success. No freight to pay. Don't be robbed. Costs only one-fourth as much as other incubators. More Agents Wanted. Send postal for Free Catalog. NATURAL HEN INC. CO., 1349 Constance St., Dept. 4, Los Angeles, Cal.

Get Book on "BRECO" Rubber Roofing Freight Prepaid

Write Now—Samples Free—Book Free. Direct from factory—\$1.36—\$1.86—\$2.26 per Roll. Freight paid to west boundary line Minn., Iowa, Mo. and north of south line Tenn. Reliable high quality. Guaranteed water proof; fire-resisting, durable.

The Breese Bros. Co.
Roofing Dept. 68, Cincinnati, Ohio



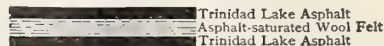
Hens Produce Honest Eggs



Geo. H. Lee produces honest Incubators and Brooders. His 1910 Mandy Lee Incubator removes guesswork from hatching. The poultry raising industry has greater possibilities than ever before. It's profitable on small or large scale. Experience not necessary—just follow directions. Lee's "Chicken Talk" is a book written by Mr. Lee, himself. He wants you to have a copy, and his 1910 Incubator and Brooder catalog. Both FREE. Write to-day. GEO. H. LEE CO., 1101 Harnay Street, Omaha, Neb.

Genasco Ready Roofing

This cross-section shows why it lasts.



Ask any wideawake dealer for Genasco. And get the up-to-date fastening—the **Kant-leak Kleet**. Does away with cement and large nails. Look for the trademark and insist on the genuine. Write for Good Roof Guide Book and samples.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt, and largest manufacturers of ready roofing in the world.

PHILADELPHIA

New York San Francisco Chicago

R. AND S. C. REDS

Wellington Red Strain—Eggs and baby chicks from prize matings and utility stock. Breeders for sale after July 15. Send for catalogue and prices.

E. W. Phillips Box R Wellington, Ohio

PAGE FENCE

is woven from heavy high-carbon spring-steel wire; easiest and cheapest to put up. Lasts a lifetime. Catalogue from Page Woven Wire Fence Co., Box 222, Adrian, Michigan.



POULTRY FENCE

STOCK STRONG—RUST PROOF

Bottom wires 1 inch apart. Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for catalog. The Brown Fence & Wire Co., Dept. 3 Cleveland, Ohio



FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free. COILED SPRING FENCE CO. Box 82 Winchester, Indiana.

15 Cents a Rod

For a 22-inch Hog Fence; 16c for 26-inch; 19c for 31-inch; 22 1-2c for 34-inch; 27c for a 47-inch Farm Fence, 60-inch Poultry Fence 37c. Lowest prices ever made. Sold on 30 days trial. Catalog free. Write for it today. KITSelman Bros., Box 295, MUNCIE, IND.

FOR BREEDING and GROWING STOCK NOTHING EQUALS

Economy Beef Scrap

THE QUALITY KIND

Guaranteed Analysis 65 per cent protein. \$3.25 per hundred F. O. B. Buffalo. Write for sample and discount on quantity orders.

The Economy Meat Food Co. : : Buffalo, New York

ONLY THE BEST S. C. BROWN LEGHORNS



Males with best stripe in hackle and saddle; females with the fine pencilling and even color that wins everywhere. They have won fifty first prizes. It pays to get eggs from birds that have been bred right. Eggs now one-half price. Circular free. W. H. Wiebke, Box 348, Ft. Wayne, Ind.



INSPECTION OF LARGE POULTRY OR STOCK FARM BY J. F. LAUGHLIN, ELMIRA, N. Y.

Have you ever visited a large, up-to-date, sanitary and systematically managed stock farm?

On the 18th inst. I had occasion to visit Utica, N. Y., and residing in Elmira, N. Y. (the home of the Philo system), and as I am interested in poultry, through which I heard of the celebrated Session Stock Farm, located about four miles from Utica proper, to which I decided to ask the privilege of paying a visit, thinking perhaps to glean some valuable points as to care, condition, etc.

Entering a telephone booth, I found the farm listed with a Mr. Ackerman as manager and general overseer, with whom I requested to speak. He immediately answered the call and informed me that he would be only too glad to have me spend a couple of hours or longer

expense, and situated in a nice southern exposure. Here were 1,840 S. C. W. L. baby chicks, divided into eighteen pens, each containing one hover, so arranged as to be cleaned and cared for from an aisle or corridor extending along the front of the pens. The chicks could be let into the hover, and a slide then dropped, thus holding them there until the pen could be swept and replaced with a fresh supply of litter, and water cups cleaned and refilled.

A slide door opened by drawing a cord from the corridor or passageway, permitting them to pass to the outdoor runs. The attendant told me they had only lost 36 out of this large flock of 1,840 in two weeks from hatching. The temperature of the brooding house, which, though well ventilated, was very mild, being heated with a modern hot-water Hall brooding system. Aside from the pens and hovers which contained these 1,840 chicks was the same number of pens and hovers awaiting the

operating of this brooding house was not any more labor or expense (that is, the heating apparatus) than a couple of small brooders with oil lamps. The house is 77x30 feet, two coal heaters doing the work, and would do it if they at any time see fit to enlarge the brooding house.

Next I was shown the incubator cellar, where I expected to see dozens of large incubators, but, much to my surprise, only one great long incubator was all it contained. The attendant then noticed my surprise, and, looking up, said, "This is our Hall Mammoth." It is useless to say that I did not attempt to contradict him, as I could readily see that it was a Mammoth. It was my first sight of a machine holding several thousand eggs, and I must say it is very simple indeed.

As my own two high-priced incubators were in operation at home, and not always finding the temperature where I would like to have it, I looked through the glass in the Mammoth and found the temperature positively standard, and no variation in any of the egg chambers as the machine was filled when started. The attendant informed me that eggs could be put in so as to fill one tray each day, the temperature to be controlled by the raising and lowering of the egg trays. The trays were of fine screen wire, and under the tray on the bottom of the machine proper were cracks large enough to pass a pencil through. I asked if this would not have a tendency to cool the under side of the egg, and was promptly told that a hen does not warm the under side of an egg as much as the upper side when she lays on the ground or in a natural nest. One small shovel of coal twice in twenty-four hours heats the water used to heat this machine, similar to the heating of the brooding house. The manager claimed he had hatched 78 per cent of the eggs placed in this machine, and he certainly had the chicks there to prove this statement, and as they were introducing all new stock for the coming year all eggs being incubated were purchased from the W. R. Curtiss Farm at Ransomville, N. Y.

Before leaving the farm I was shown 72 head of beautiful thoroughbred Jersey cows and all the latest sanitary machinery for bottling milk and making butter. Vegetables were grown very extensively on this farm, also grain, hay and ensilage for cattle and poultry food. I intended to visit several more large farms during the remainder of the week, where much larger Hall Mammoth incubators and brooders were in operation, but was called home by telegraph late on the evening of the 18th. It is my intention to visit the large poultry plants whenever I have an opportunity.

I find it an education in itself, and you are always welcome to call on the poultry fraternity. Mr. Session, the above named proprietor of the Kenotin Stock Farm is not selling stock; hence please refrain from writing him.

J. F. Laughlin.

C. AND A. THE ONLY WAY.

The Chicago & Alton railroad is direct from Chicago to St. Louis and their service and equipment are the equal of any road. We intend to travel on the C. & A. and suggest you do likewise.



A noted prize-winning Buff Plymouth Rock. Bred and owned by S. D. Lapham, Dearborn, Mich.

with him, and would send a carriage to the depot to take me out to the farm.

As we drew near the place I was greeted with a pleasing sight of spacious, well-kept lawns, dotted with numerous flower beds and intersected with smooth macadam roads, bordered by neat flag walks leading up to a beautiful residence. Mr. Ackerman, the manager, had evidently been on the lookout for me as he advanced to meet me as soon as we reached the house. I received a hearty welcome and was led to the poultry houses, which I found to be up-to-date open-front houses, built on the continuous plan, accommodating about 1,500 birds, and a more beautiful flock of S. C. W. Leghorns I never set eyes on.

Passing on we came to a long brooding house, recently completed at some

next hatch. If I remember right, the attendant told me this brooding house accommodated 3,600 to 4,000 chicks, and even more when the weather would permit them to run out of doors during the daytime. I must say I did not see a sickly or humped up looking chick in this house, all appeared to be healthy, lively and strong, and very large for two weeks old.

I spent something like two hours discussing the various topics pertaining to poultry and poultry raising. I particularly looked for the white diarrhoea chicks, but did not see any. I am now more confident than ever that much of the bowel trouble comes from poor brooding, uneven temperature and chicks being chilled in morning after being too hot during the night. I was informed by the manager that the

GOOD TO KNOW

By C. W. Zimmer

This department is open to all readers and advertisers in the central territory, and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, 358 Dearborn Street, Chicago, Ill.

Hurrah! for the glorious Fourth of July.

Don't give Polly a cracker, anyway not the kind that goes off.

You can get Buff Leghorns and Barred Rocks at greatly reduced prices of Gage & Huston, Williamsport, Pa.

Kitanning, Pa., May 31.—M. A. Milliron, former county superintendent of schools, who is an enthusiastic poultry fancier, has a freak that is regarded as the "Siamese Twins" of hendom. This product of a double yolked egg consists of two chickens, joined at the sides. One of the twins is a hen and the other is a rooster. Quarrels between the inseparable pair are frequent. Early in the morning the rooster insists upon crowing, disturbing the slumber of its sister. When the latter wants to lay an egg, the rooster prefers to hunt for worms. What will happen when the hen gets broody is awaited with interest by the freak's owner.

New Castle, Pa., May 31.—Billie Grafius, an old professional ball player, now residing here, has a remarkable natural freak. It is a chicken that was hatched today at his home, having three distinct heads.

When a railroad can't make expenses it goes into the hands of a receiver. When a man on a salary can't make expenses he wants to go into the chicken-raising business.

A hen may pick up a useless pebble occasionally, but she doesn't overlook any corn.

A good investment is frequently the one a fellow doesn't make.

A man acquires a lot of wisdom after it's too late to use it.

Be wise now and advertise in A. P. J.

Advertising pays in proportion to the amount of conscience in it. That is, in proportion to its ability to instil confidence in the mind of the reader.

The advertisement that pulls, also pushes.

Money would be of no account if the other fellow didn't want it.

Money also makes the auto go.

A sacrifice sale is now on at the White Oak Poultry Farm, Lima, Ohio. R. H. Gamble, proprietor, is offering at greatly reduced prices several hundred White and Black Orpingtons, also S. C. White Leghorns.

F. S. Nicholson, Otisville, N. Y., is closing out his breeding stock of Barred Rocks at reduced prices. See ad. elsewhere.

Advertising is sometimes like fishing: a fellow always imagines he would have caught more on the other side of the stream. There is nothing like stick-to-it-iveness if you want to win.

People ought to rest as hard as they work.

You can't beat the advertising game by advertising that you don't advertise. Do you know one successful poultry man who is not a generous advertiser. Well, then, take heed and do likewise.

Which is swifter, heat or cold? Ans. Heat, because we can catch cold.

R. C. Black Minorca breeders are offered some fine cock birds in the ad. of J. S. Bales, Springfield, Ill., R. 2.

A valuable book on poultry is being given away free by the Egan Poultry Food Co., Jackson, Mich., with every order for their Peerless Poultry Powder. See their ad. in this issue.

The White Feather Poultry Farm, Rocky River, Ohio, breeders of S. C. White Leghorns, report 1,500 head of fine young stock, so they can supply you with stock for early exhibitions.

One thousand five hundred head of fine young Rhode Island Reds, 500 of which now weigh three to three and one-half pounds, is the good word received from Bay View Poultry Farms, E. W. Bogert, proprietor, Port Washington, N. Y. If



"Pioneer"—The head of the beautiful Blue Orpington pen of ducks, imported and owned by the Sunswick Poultry Farm, South Plainfield, N. J.

We lead, others follow. Better advertise in A. P. J.

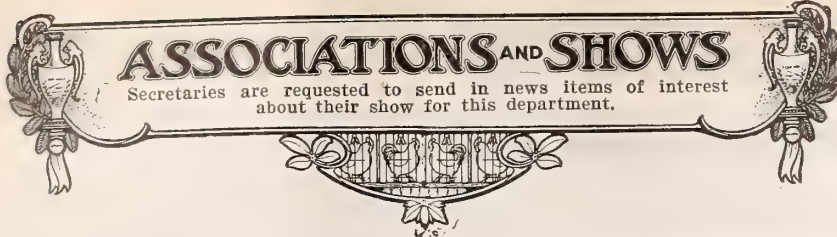
Mr. Fred A. Poertner, proprietor Buff Poultry Farm, Route 4, Berea, Ohio, has issued a neat summer sales list in which he has quoted many bargains on Buff Orpingtons, Buff Wyandottes and Buff Rocks. This sale includes many prize winners which he will sacrifice.

What is the most awkward time for a train to start. Ans. 12:50, as it's ten to one if you catch it.

Why is life the greatest of all conundrums? Ans. Because we must all give it up.

you want R. C. Reds to exhibit at the early fairs you can get them of Mr. Bogert.

E. B. Thompson, Amenia, N. Y., originator and breeder of the world-renowned "Ringlet" Barred Plymouth Rocks, has just issued a special sale list, which contains bargains the equal of which has never before been offered to our readers. Mr. Thompson is one of the oldest and most successful breeders of Barred Plymouth Rocks in the country and those in need of high bred Barred Plymouth Rocks should not fail to get a copy of this sale list of real bargains. Write today and mention the American Poultry Journal.



Secretaries are requested to send in news items of interest about their show for this department.

STATE FAIRS AND EXPOSITIONS FOR 1910.

Arkansas State Fair—Hot Springs, Oct. 10-15. Geo. R. Belding, secretary.
Alabama State Fair—Birmingham, Oct. 6-15. F. P. Chaffee, secretary.
Illinois State Fair—Springfield, Sept. 30-Oct. 8. J. K. Dickinson, secretary.
Indiana State Fair—Indianapolis, Sept. 12-16. Chas. Downing, secretary.
Iowa State Fair and Exposition—Des Moines, Aug. 25-Sept. 2. J. C. Simpson, secretary.
Kansas State Fair—Hutchinson, Sept. 10-17. A. L. Sponsler, secretary.
Kentucky State Fair—Louisville, Sept. 12-17. J. W. Newman, secretary.
Louisiana State Fair—Shreveport, Nov. 2-11. Louis N. Brueggerhoff, secretary.
Maryland State Fair—Timonium, Sept. 6-10. Jas. S. Nussear, secretary.
Michigan State Fair—Detroit, Sept. 19-23. J. E. Hannon, secretary.
Michigan State Fair, West—Grand Rapids, Sept. 12-16. Eugene D. Conger, secretary.
Minnesota State Fair—Hamline, Sept. 5-10. C. N. Cosgrove, secretary.
Missouri State Fair—Sedalia, Oct. 1-7. John T. Stinson, secretary.
Montana State Fair—Helena, Sept. 26-Oct. 1. Martin Martin, secretary.
Nebraska State Fair—Lincoln, Sept. 5-9. W. R. Mellor, secretary.
New York State Fair—Syracuse, Sept. 12-17. S. C. Shaver, secretary, Albany, N. Y.
North Carolina Agricultural Society—Raleigh, Oct. 17-22. Joseph E. Pogue, secretary.
North Dakota State Fair, Fargo, July 25-30. J. E. Finrock, secretary.
Ohio State Fair—Columbus, Sept. 5-9. A. L. Sandles, secretary.
Oklahoma State Fair—Oklahoma City, Sept. 27-Oct. 9. I. S. Mahan, secretary.
Oregon State Fair—Salem, Sept. 12-17. F. A. Welch, secretary.
South Dakota State Fair—Huron, Sept. 12-16. C. N. McIlvaine, secretary.
Tennessee State Fair—Nashville, Sept. 19-24. J. W. Russwurm, secretary.
Texas State Fair—Dallas, Oct. 15-30. Sydney Smith, secretary.
Utah State Fair—Salt Lake City, Oct. 3-8. Horace S. Ensign, secretary.

Virginia State Fair—Richmond, Oct. 3-8. Mark R. Lloyd, secretary.
Washington State Fair—North Yakima, Sept. 26-Oct. 1. Jno. W. Pace, secretary.
West Virginia State Fair—Wheeling, Sept. 12-16. Geo. Hook, secretary.
Wisconsin State Fair—Milwaukee, Sept. 12-16. John M. True, secretary, Madison, Wis.
Wyoming State Fair—Douglas, Sept. 27-30. C. H. McWhinnie, secretary.

INTERSTATE FAIRS AND LIVE STOCK SHOWS, 1910.

American Royal Live Stock Show—Kansas City, Mo., Oct. 10-15. A. M. Thompson, secretary.
Alberta Provincial Exhibition—Calgary, Alberta, Can., June 30-July 7. E. L. Richardson, manager.
Blue Grass Fair—Lexington, Ky., Aug. 8-13. Jouett Shouse, secretary.
Canadian National Exhibition—Toronto, Ont., Aug. 27-Sept. 12. Dr. J. O. Orr, secretary.
International Live Stock Exposition—Chicago, Nov. 26-Dec. 3. B. H. Heide, general superintendent.
Interstate Live Stock and Horse Show—South St. Joseph, Mo., Sept. 26-Oct. 1. M. B. Irwin, general manager.
Interstate Live Stock Fair Association—Sioux City, Ia., Sept. 19-24. Joe Morton, secretary.
Interstate Fair—Trenton, N. J., Sept. 26-30. M. R. Margerum, secretary.
Kansas State Fair Association—Topeka, Sept. 12-16. H. L. Cook, secretary.
La Crosse Interstate Fair Association—La Crosse, Wis., Sept. 26-30. C. S. VanAuken, secretary.
Missouri Valley Fair and Exposition—Kansas City, Mo., Sept. 24-Oct. 9. M. G. Heim, treasurer.
San Antonio International Fair Association—San Antonio, Tex., Nov. 5-20. J. M. Vance, secretary.
Spokane Interstate Fair—Spokane, Wash., Oct. 3-9. Robert H. Cosgrove, secretary.
Tennessee Tri-State Fair—Memphis, Tenn., Sept. 27-Oct. 4. Frank D. Fuller, secretary.
Winnipeg Industrial Exhibition—Winnipeg, Canada, July 13-23. A. W. Bell, secretary.

A GREAT SHOW AT TOPEKA, JAN. 2-7.

The Topeka Show Association is the name of the new organization formed at Topeka, the capital city of Kansas. On June 10 the following officers and directors were elected: President, J. W. F. Hughes, Topeka; first vice-president, S. T. Divinia, St. Joseph, Mo.; second vice-president, A. C. Rasar, Topeka; secretary-treasurer, E. W. Rankin, Topeka; election commissioner, W. H. Maxwell, Topeka; board of directors, C. H. Rhodes, Topeka; Ernest Kellerstrass, Kansas City, Mo.; W. H. Vesper, Topeka; George H. Burghardt, Topeka; W. S. Binkley, Clay Center, Kan.; R. B. Steele, Topeka; C. J. Page, Salina, Kan.; C. C. Lindamood, Walton, Kan.; L. P. Hubbard, Topeka.

The association is financed by the issue of stock, the members being stockholders. The capitalization is \$1,000. Most of the stock has already been subscribed.

The 1911 show will be held during the first full week of January. It will be conducted along some lines never before attempted. Full announcement of these new features will be made later. The entry fee will be \$1. The show will be judged by comparison. The birds will be uniformly cooped.

A formidable list of judges will place the awards. Arrangements have been practically concluded with the following: Lester Tompkins, A. C. Smith, Charles H. Rhodes, E. C. Branch, C. S. Byers, E. G. Roberts and R. F. Palmer. No stronger list of judges will appear at any show in America. The announcement that Lester Tompkins will pass upon Rhode Island Reds, A. C. Smith upon Barred Rocks and Brown Leghorns and C. S. Byers upon Orpingtons will bring out a strong showing of these varieties. Some of the leading breeders of the country have already announced their intention of exhibiting.

Topeka is one of the best show towns in the country. Its Auditorium has few superiors as a show hall. Railroad

S. C. R. I. Red Eggs

After June 1st, \$1.25 per 15; \$3 per 45; \$5 per 100. As good as the best. Satisfaction guaranteed. Breeders for sale. : : :

Hopedale Farm Poultry Yards
R. M. Stafford, Prop. : : : Chardon, Ohio

SPECIAL SALE

EGGS, CHICKS OR STOCK—BUFF, BLACK AND WHITE

ORPINGTONS

Madison Square, Chicago, Cleveland
and Cincinnati First Prize Winners

Eggs half price. Day-old Chicks at greatly reduced prices. Two-thirds of my breeding stock at less than half prices, to make room for my youngsters. Send for catalogue and Special Sale List and take advantage of this chance, if you are looking for some real bargains.

Will H. Schadt, Box 6, Goshen, Indiana



and express facilities are unexcelled. Kansas is a great poultry state and Kansas fanciers are hungry for a show along down-to-date lines. S. T. Divinia, of St. Joseph, Mo., was present at the meeting of June 10. The feeling of many fanciers in other states is shown by Mr. Divinia's reason for attending this meeting. "Missouri fanciers," said Mr. Divinia, "need a great show in Kansas, and Topeka is the place for it."

The attention of members of specialty clubs is called to Topeka and Kansas as a splendid place for their 1911 meetings. Especially liberal inducements will be offered to specialty clubs.

The Topeka show will be more than a local show, and more than a statewide show. It is certain to rank as one of the great national shows of the season of 1910-1911.

For further information address E. W. Rankin, Sec'y, Topeka, Kan.

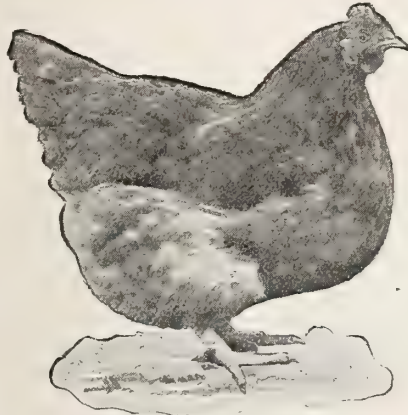
OHIO VALLEY EXPOSITION.

The aristocracy of the barnyard will hold triumphant sway at the Ohio Valley Exposition, Cincinnati, Ohio, for one week during the progress of that auspicious industrial enterprise, which opens on August 29 and continues for four weeks. This convocation of the blooded egg-producers of the Ohio valley and the South is designed to be the classiest gathering of chickens, ducks, turkeys, geese and guinea fowl ever assembled in the Middle West. In order that the feathered pets, descendants of sires and dames that have made history in the poultry world, may be seen under conditions as benefits their rank and station, the exposition management will erect a building 34 by 350 feet in which the proud and haughty beauties of the barnyard may display their fine points. This building will be erected with the view of affording the best opportunities for exhibiting the entrants, and also with the idea of having a strictly sanitary structure, so that general conditions for the exhibition will be ideal. There will be cash prizes in all the classes, making it an object for breeders from distant points to enter the show, not only for the direct returns to be received, but also for other commercial purposes, as there will be hundreds of thousands of visitors at the exposition from all portions of the Ohio valley and the South, many of whom, no doubt, will be interested directly in an exhibit of this kind. The members of the Cincinnati

Pet Stock and Poultry Association are co-operating with the management of the exposition in arranging the details of the show, which promises to be of greater benefit to breeders than any exhibition ever held in this section. It is also planned to have a dog show, a pigeon show and a cat show during the run of the exposition, each of these, like the poultry show, to run one week.

A GREAT FALL POULTRY SHOW, EQUALING THE BIG WINTER SHOWS.

The great Allentown Fair Poultry Show, beginning an advertisement in this issue, is probably the best fall poultry show in America. A good many poultry breeders and fanciers formerly looked down upon a fall fair poultry show, but that day is past. A fair



BUFF ORPINGTON PULLET.

Just as the camera saw her, no retouching. The type used by Fred A. Poertner, Berea, Ohio.

association like that at Allentown, Pa., which is very old and has the reputation of holding the biggest and best county fair in this country, lacked by great resources and wealth, can and does give the poultry world everything the big winter shows do and some things they don't do. For instance, Allentown to date has had the finest exclusive poultry show hall anywhere, with cement floor aisles fifteen feet wide and light and ventilation equal to outdoors.

It has the best judges the land affords, with every detail of up-to-date poultry show management brought right



DE LAVAL CREAM SEPARATORS

The Best and the Cheapest.

They have been the leaders in the Dairy World for 32 years and there are now 1,100,000 in use.

The Most Perfect Centrifugal Separator Known. Send for a Catalogue.

THE DE LAVAL SEPARATOR CO.
Chicago. New York. San Francisco.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa.

BEST-MADE Lowest in Price

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. FRANK FOY, BOX B. • DES MOINES, IOWA.



LEG BANDS

Get our samples and prices before buying. Largest and best line on earth.

SMITH SEALED



LEADER ADJUSTABLE

Smith Sealed. Used by America's leading Fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; postpaid.

Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 60c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.

KEYES-DAVIS CO., Ltd., Mfrs.
Dept. 502, Battle Creek, Mich.



THE BEST CURE

For Roup, Cholera, Bowel Trouble and other poultry ailments

Kemiform is the safest and best remedy in the world. A tablet placed in the flock's drink prevents disease and makes profits possible. Absolutely Guaranteed. Price 40 cents postpaid, and a fine Automatic Drinking Fountain FREE

if you mention your dealer's name. (Agents wanted) Write today

THE KEMIFORM CO.

2451 St. Clair St. Cleveland, Ohio

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

ARISTOCRATS

June HALF-PRICE Sale of these world famous, royally magnificent Barred Plymouth Rocks. Send for SPECIAL SALE LIST. This is a GUARANTEED, genuine bargain sale at half price and even less than half price. Write today and be convinced.

W. D. Holterman, Fancier : Box 2 : Fort Wayne, Indiana

"ARISTOCRATS ARE THE RICHEST COLORED BIRDS IN THE WORLD"

PETERSEN'S HOUDANS

THE UNDEFEATED CHAMPION STRAIN OF AMERICA

Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

REV. C. E. PETERSEN Pres't Am. Houdan Club from 1900 to 1907 BRIDGTON, MAINE



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; send for it today. Also poultry post cards; samples free. CHAS. L. STILES, Columbus, O.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

GREIDER'S FINE CATALOGUE

of pure-bred poultry for 1910, 20 pages, handsomely illustrated, 150 engravings, photos, 30 fine colored plates, describes 65 varieties of land and water fowls, gives low prices of stock, eggs, incubators, poultry supplies, etc. How to care for poultry and all details. Price 10c., send to-day. B. H. GREIDER, Box 101, Rheims, Pa.

15 Prizes In Gold

Reward Bureau, No. 3, Farm & Home, Springfield, Mass.

GINSENG

Cultivated Ginseng and Golden Seal seed and roots now ready for planting. My book, "Culture and Profits of Ginseng and Golden Seal," with prices of seed and roots, free. Send for it.

D. BRANDT, Box 301, Bremen, Ohio.

MAKE HENS LAY

By feeding raw bone. Its egg-producing value is four times that of grain. Eggs more fertile, chicks more vigorous, broilers earlier, fowls heavier profits larger.

MANN'S LATEST Bone Cutter

Cuts all bone with adhering meat and gristle. Never clogs. 10 Days' Free Trial. No money in advance.

Send Today for Free Book.

F. W. Mann Co., Box 66, Milford, Mass.

The Only Incubator Correct in Principle

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up to the minute, guaranteeing to all exhibitors, big and little, a square deal and first-class attention to and handling of their stock. A three-day show only, and then closed at dark. Or, birds need be in their coops only from Tuesday noon to Friday noon, leaving plenty of room at both ends of the week for the coming and going.

Not a single bird has ever been lost here.

First prize on single birds, \$4; on five birds, or pen, \$20. Two only to fill.

The management is under the well known W. Theo. Wittman, a man who was an exhibitor himself for many years and knows what exhibitors want and demand. No employee, no judge, no officer can show any birds at Allentown, and the smallest exhibitor gets equal treatment with the biggest. A win at Allentown carries reputation and carries weight and being in one of the richest sections of America, both agriculturally and otherwise, many sales at long prices are made there.

Write for a premium list and try Allentown this year.

TRANS-MISSISSIPPI SHOW.

The poultrymen of Omaha, Council Bluffs and South Omaha and many other leading breeders of Iowa and Nebraska are working hard to insure a great successful show to be held under the management of the Trans-Mississippi Poultry Association. This will be their seventh annual show. It was held three years in South Omaha and three years in Omaha, and rumor has it that Council Bluffs, Iowa, directly across the river from Omaha, will get the show for the next three years. Council Bluffs has a large, new, well-lighted auditorium, which, if anything, is even larger than the one in Omaha. Plans are under way to coop the show with Empire uniform cooping and the comparison system of placing the awards will prevail. Anton Lundstrom, of Omaha, Neb., the hustling secretary, writes us that Judge W. S. Russell, of Ottumwa, Iowa; W. C. Ellison, of Minneapolis, Minn.; Russell F. Palmer, of Fremont, Neb.; Thomas W. Southard, of Kansas City, and Victor O. Hobbs, of Trenton, Mo., will place the awards. There is no question but what this will be one of the great shows of 1910-11.

PHILADELPHIA, PA.

The fifth annual show of the Philadelphia Poultry, Pigeon and Pet Stock Association will be held at the Second Regiment Armory, Broad and Diamond streets, the week of December 13-17, 1910. They are planning to make this show bigger and better than ever before. The best judges will be procured and many clubs have agreed to meet there.

THE TENNESSEE STATE FAIR POULTRY SHOW.

The great Tennessee State Fair Poultry Show takes place this year at Nashville, Tenn., September 19-24. This show is recognized as one of the greatest state fair shows in the Union. It is patronized by breeders each year from almost every section of the country. The poultry show at the Tennessee State Fair is made one of the big features of this great fair.

Thousands of people attend the Ten-



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Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free.

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Convenient Leg Band.

The one really convenient marker. Bent ready for use. Sizes for any breed. Prices: 12 bands 20c; 30 bands 45c; 60 bands 75c; 100 bands \$1.00. Write for sample—cheerfully sent free.

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More Eggs in the next thirty days

Feed your hens green bone, cut with a Stearns Bone Cutter. We will lend you one to try, free, for the next 30 days. If your hens don't lay lots more eggs, don't pay for it. Write to-day for catalog and booklet, "How to make poultry pay."

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Pearl Grit keeps poultry healthy. Healthy fowls are best egg producers. Grit is a natural necessity. Always worth more than it costs. We prove that. Write to-day for our FREE "True Grit" booklet.

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GET EGGS NOW

Humphrey's newest book, "The Golden Egg," will show you how to get eggs all winter, and from 150 to 250 eggs a hen a year. I will give you, FREE, my secret of reducing feeding cost one half and of doubling your poultry income.

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My QUEEN Incubator is a gold profit maker when used in summer or winter. Try it on my liberal plan. SUMMER PRICES NOW. I pay freight, give three months' trial and five year guarantee. Send for Free Catalogue and Poultry Guide. Wickstrum, Queen Incubator Man. Box 4, Lincoln, Neb.

nessee State Fair Show each year for no other purpose than to see the poultry show and purchase stock and eggs. A big list of cash, regular and special premiums have been posted and the 1910 show promises to eclipse any previous event.

For premium list and entry blanks address John A. Murkin, Nashville, Tenn.

MISSOURI STATE FAIR, OCT. 1-7, SEDALIA, MO.

They have shown you that they "do things" down in Missouri. Well, they will again show you a larger exhibition of poultry this year than ever before. W. S. Russell will judge. No entry fee is charged, and the prizes will be \$3 on first; \$2 second, \$1 third; pens, \$5, \$3, \$2. Turkeys and ducks get similar prizes, while Bantams get one-half as much. Many prizes are offered on pet stock. Entries close September 24. Send for premium list.—John T. Stinson, Sec'y, Sedalia, Mo.

MICHIGAN STATE FAIR, SEPTEMBER 19-24, DETROIT, MICH.

A big fair is promised, for everyone is working hard. Many celebrated attractions will be there, including twenty-four flights of Wright Bros.' aeroplane, a big auto show, a fireworks in the evening. Sanitary conditions will receive careful attention. The poultry department will be large, as generous prizes are offered. For premium list send to J. E. Hannon, Sec'y, 501 Bowles Bldg., Detroit, Mich.

EMPIRE POULTRY ASSOCIATION INCORPORATED.

The Empire Poultry Association, Inc., show committee, having held several meetings since their third annual show last November, held a meeting on April 29, and it was the unanimous vote of the committee that they had outgrown their former show hall at Richmond Hill, N. Y., and being unable to find a suitable place in Brooklyn, they arranged to hold their next show at Grand Central Palace, Forty-third street and Lexington avenue, New York city, November 18 to 24, 1910, where they propose to bring forward some new ideas in the showroom and not only make it the first big show of the season 1910-11 but the most advanced show of the country. The entry fee will be on single entries; large poultry, \$1.50; bantams, \$1; pigeons, 75 cents; pet stock, 50 cents; exhibition yards, \$3; display cages, \$5. Robert Seaman, Jericho, N. Y., was appointed general manager.

WILLIAMSPORT, PA.

The third annual exhibition of the great Williamsport show will be held November 30-December 3, 1910. Last year Williamsport at a single bound sprang to the front as a leader in the East. Judges H. P. Schwab and Theo. Wittman have been secured to place the awards. For full information write James T. Huston, Sec'y, Williamsport, Pa.

BIGGEST AND BEST.

Kansas City will have one of the largest poultry shows of the coming season next September. It will be held in connection with the Missouri Valley Fair & Exposition, September 24 to 28, 1910. This fair will be held at Electric Park, "The Coney Island of the West," a beautiful amusement park built at a cost of \$500,000. It is filled with artistic and commodious buildings, giving ample accommodations for this its second annual fair. Last year's poultry show was a great success; 1,500 birds were shown. The plans for the coming season are on a much larger scale. The association offers large and most liberal premiums, cash specials and cups galore. You must get the premium list to appreciate its inducements to the poultry breeders.

Premium lists are now ready. Address C. S. Hunting, Supt. Poultry Dept., 1304½ Main St., Kansas City, Mo.

MANSFIELD, OHIO.

The third annual exhibition of the Mansfield Fanciers' Association will be held December 5-10, 1910. S. B. Lane, judge. Sherman Bowden, Sec'y, Mansfield, Ohio.

PENDER, NEB.

The Northeast Nebraska Poultry Association was recently organized with eighteen members. They will hold a show in December, particulars of which will be announced in a short time. For full information address R. Chow, Sec'y, Pender, Neb.

Tell your friends about the good things in American Poultry Journal. They will be interested and thank you.

75c

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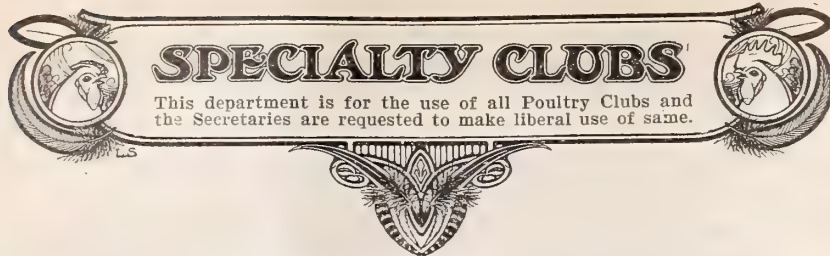
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This department is for the use of all Poultry Clubs and the Secretaries are requested to make liberal use of same.

GROWTH OF AMERICAN WHITE ORPINGTON CLUB.

No other specialty poultry organization has made such a wonderful growth in so short a space of time as the American White Orpington Club. When the club's book on White Orpingtons was issued last November the membership listed only 74 persons. This book, however, was sent broadcast to breeders of this grand breed of fowls and the membership was rapidly increased. As many as 23 names was received in one day, and today this live organization has over 300 members, located in practically every state in the Union, as well as members in Mexico, Canada and England. Every breeder or fancier of White Orpingtons should become a member. It is for their interest.

Special prizes are offered at all the shows over the country, open to competition of members only, the winning of which stamps their stock as that of quality. The fee of initiation is \$1, which pays for a year's dues when you join, and annual dues are only \$1 thereafter. Life membership, \$10. Full information and club book can be obtained by writing

F. S. Bullington, Secretary.
Richmond, Va., Box 328.

THE NATIONAL POULTRY ASSOCIATION.

The National Poultry Association is a young society. It is only a year since its organization was completed, yet during that time it has accomplished no little good.

It has protected its members from the dishonest or unscrupulous.

It has exposed certain frauds and is gathering evidence against others—some of which will be startling.

It has started a strong movement for a parcels post.

It has the pleasure of noting a big reduction of late in the charges made by the express companies for carrying eggs and fowls.

It has opposed no other associations but has steadily urged all breeders to join both the A. P. A. as well as specialty clubs.

Its president is conducting a series of highly interesting and valuable tests—wholly at his own expense—the results of which will not be put into a "book" and sold as "secrets" but will be given freely to the public.

It does not seek members by any "circus" methods.

It has published two Year Books,



Best shaped female at Missouri State Show, St. Louis, Dec., 1909. Bred and owned by W. S. Robison, Fayette, Mo.

which may be had from the secretary for 5 cents in stamps. These books are interesting and fully explain the purposes of the association.

It does not owe a dollar to any man.

Its officers receive no salary.

You who read this—if interested in the practical side of poultry culture—

should join the association. It will pay you to do so.

Write to the secretary and enclose five 1-cent stamps for copies of the Year Books.

O. R. Easterday, Sec'y.

Portland, Ind.

BLACK ORPINGTON CLUB NOTICE!

The Australian Government Laying Contest just closed shows the Black Orpington leading all breeds in the great two-year contest, both in total number laid by the pen in two years and also for the second year of the two-year contest.

The total number laid by the winning pen of Black Orpingtons for the second year was 1,013 eggs, a number exceeding the Leghorns and other summer layers, not only in price or value of egg yield, but also in number!

In order to encourage all breeders of Black Orpingtons to join the club at once all new members joining now will have their dues credited to October 1, 1911. This includes the dates of the state fairs, at which the club will offer medals, cups and cash prizes to its members who compete as well as at the winter shows.

The dues are \$1 per year. All who want to learn of the breed should send at once for the club catalog that tells all about this great breed. Free to members; to others, 10 cents. Milton W. Brown, secretary, Station L, Cincinnati, Ohio.

Editor American Poultry Journal.

Dear Sir: Am writing you to inform your readers what I think of the organizing of the Columbian Wyandotte Breeders' Association of America. I will say I am proud of D. Lincoln Orr for starting to organize what will in the near future be one of the largest and best poultry associations in the world, because I have all the confidence in D. Lincoln Orr as a leader. He has the necessary push to make a success of whatever he goes after, and I assure you he will have some of the best, honest and far-thinking Columbian Wyandotte breeders with him. I know I am not lonesome when I say that the western breeders have not received the right kind of a deal at the hands of the National Columbian Wyandotte Club. The name is National, but is it? Well, I do not think so; it seems more like a local club. What we want is an association that will take care of all the Columbian Wyandotte breeders, keep in touch with

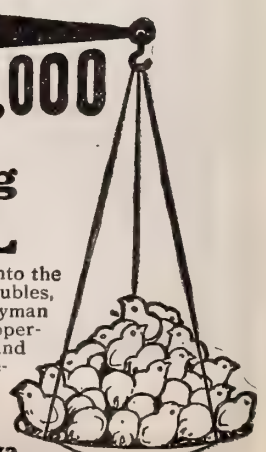
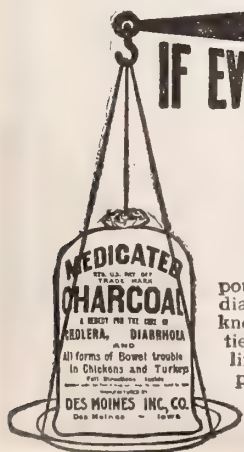
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MORE CHICKS WOULD ANNUALLY BE RAISED TO MATURITY.

Save Your Chicks' Lives By Using MEDICATED CHARCOAL

We have the greatest remedy for the common chick ailments that ever went into the poultry-yard. Our Medicated Charcoal not only prevents but cures bowel troubles, diarrhoea and cholera. Charcoal alone is a valuable health-giver, as every poultryman knows. We have made it doubly valuable by giving it just the right medicinal properties. It purges, cleanses, purifies the blood, kills germs. It gives health, vigor and life to both fowls and chicks and renders them immune to disease. Carefully prepared under a scientific formula and guaranteed under the Pure Food Law. Cost is nothing compared to the good it does in saving chicks' lives. Don't fail to try it. In bags of convenient size: 10-lb. bag, \$1.00—25 lbs. \$2.25—50 lbs. \$4.25.

Des Moines Incubator Co., 269 Fourth St., Des Moines, Iowa



them, and give them all the advice possible as how to breed them successfully. The National Columbian Wyandotte Club has \$122 in the treasury; for what I do not know, but I will say it should have been spent for ribbons and other club specials. Look at some of the premium lists of poultry shows and see whether you will find any club specials such as ribbons, cups and diplomas. I am afraid you will not find any. Now the object of this new association is to place before the poultry people the good merits of the Columbian Wyandottes and keep them in the eyes of the poultry people. I know there is no better all-purpose fowl in the world, and I challenge the world to produce a more beautiful bird. Now, Mr. Breeder of Columbian Wyandottes, join a live association and you will be well rewarded. Take my word for it that this association will have some of the best and good, far-thinking breeders as office holders. They will be officers not for the money there is in the office but because they know the Columbian Wyandottes are the best all-purpose fowl, and they want everybody in the world to know it. Brother breeders of Columbian Wyandottes, just send in your name to the writer or to D. Lincoln Orr, of Orr's Mills, N. Y. All we want is your word that you want to join. No money needed until we get going. Charter membership fee is \$1. This is the chance of your life to become a member. Do it now.

In conclusion I will say, keep your eyes on the Columbian Wyandottes and on the Columbian Wyandotte Breeders' Association of America and see the result.

Wishing you all good luck, I am,

Yours respectfully,

Philip Koehlinger.

Fort Wayne, Ind.

South Bend, Ind., May 30, 1910.
Editor American Poultry Journal.

Dear Sir: I am in receipt of a letter from Mr. George P. Coffin, of Freeport, Me., saying that he will not be a candidate for re-election for the office of secretary of the Rhode Island Red Club of America.

I am sure that all who, like myself, are personally acquainted with Mr. Coffin and know his sterling good qualities, will regret that his time is so wholly occupied with other business cares that he does not feel able to attend to the duties of the office after the expiration of the present term.

I trust, however, that we may always enjoy the pleasure of having him with us at our annual meetings.

I have learned that Mr. W. F. Burleigh, of Larrabee Point, Vt. (now secretary of the National Rose Comb Rhode Island Red Club), will, if nominated, accept the office of secretary of the Rhode Island Red Club of America, and as Mr. Burleigh is a man of experience, ability, and with time to devote to the office, I trust that he will receive such hearty support at the hands of the members as to inspire him to do his best if elected.

We are certainly fortunate to have one with his experience willing to serve us, and I take great pleasure in endorsing him for this position. Yours most truly,

Irving A. Sibley.

There's one "good thing" after another to be found in A. P. J. Read it and see.

THE CORNING EGG FARM.

Doubtless most of our readers have heard of or read about the Corning Egg Book. For myself I can say that I was very anxious to visit the farm where the records were made from which the book was written, and while in Bound Brook, N. J., I went to Sunny Slope Farm, which is located about two miles out on the trolley line. There I was cordially received by Messrs. Corning and given every opportunity to inspect the plant and study their methods.

In the first place, I want to state the Corning Egg Farm is a business proposition, pure and simple, for the production of the highest possible quality of Single Comb White Leghorn eggs for market. There is nothing especially unusual there that is different from other large egg farms to the casual observer, but to the experienced breeder it is at once evident that the Cornings have an object in view and that they are accomplishing it. There are but thirteen acres in all at Sunny Slope Farm, and they are used to the very best advantage.

The birds are kept in flocks of 1,500 each in long open-front houses, and I must say they were as healthy a lot of Single Comb White Leghorns as I ever saw, and there are several thousand of them. That they get a large egg yield goes without saying. While I was there, about March 15, I saw basket after basket of the largest and whitest eggs that it has ever been my pleasure to look at. I will mention only a few things that especially impressed me, that make for the great success the Messrs. Corning have made.

Their feed room contains a 10-horse-power gasoline engine that does all the grinding and mixing of the feed and grain, and does it quickly, as it takes only one hour a day to get the feed ready for the birds, reducing the labor here to a minimum; in fact, in all the departments of the farm the labor question is right down to rock bottom, which, of course, is a tremendous saving on a plant of this magnitude.

Mr. Gardner Corning handles the incubators and the brooder house. The chicks are never handled at Sunny Slope Farm from the time they are put in the brooders until they are matured and go to the laying houses. The brooders are so arranged that the chicks can be driven from section to section, and, when it comes time to put them in the colony houses, they are driven into baskets and transported there, which prevents all injury from handling.

The eggs are gathered five times a day and always by the same person, strangers never being allowed in the laying houses. To my mind, this one thing of not allowing strangers in the laying houses is a big factor towards the large egg yield obtained there, as fowls, especially Leghorns, are quick to note strangers and are apt to become frightened, which, if they do, means a decrease in the egg yield for a day or so after. They are also liable to injure themselves if in heavy laying condition. As a rule, I think breeders are all too willing to catch and handle their best specimens to show visitors.

The average yield at Sunny Slope Farm last year per 1,000 birds was 144 for the first ten months of laying. The cockerels heading the pens are all from mothers that fully equaled that record. The pullets in the laying houses this year have so far surpassed all previous

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Breeders and eggs at reduced prices the rest of season. Send for mating list.

B. E. Darling, Box 15, Natick, Massachusetts

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I am now offering eggs from my prize winning pens at half price. Choice breeders for sale at low prices. Circular free. Satisfaction guaranteed. HOMER SLIGLE, Vice-President of Ohio State Branch, Poland, Ohio.

SKINNER'S WHITE WYANDOTTES

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WARREN'S S. C. W. Leghorns

Eggs for hatching from exhibition matings by the setting or in hundred lots. Write us your wants before placing your order elsewhere.

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are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free. :: :: :: :: :: :: :: :: :: ::

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The World's Best. Work and Win strain. All my breeders for sale at a bargain.

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Hatching Chickens

similar to that used by the ancient Egyptians. Keep no chickens at all, just hatch for others. No risk. Sure profits. Instructions, complete, 25c. Plans and drawings, \$1.00. Address, Bureau of Scientific Hatching, Bayrus, Ohio.

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My entire stock of White Wyandottes, both old and young, for sale during July and August at bargain prices. Will carry only S. C. White Leghorns in the future. My great book, "Profits in Poultry Keeping Solved," will set you right. Circular free.

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\$60 per HEN per YEAR

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records, and the choicest of these will be saved for next year's breeders, as nothing is saved for breeders except birds that have come through the molt in good condition and showing a vigorous constitution.

In type, Corning Leghorns have a distinctiveness all their own, being extra large, but the racy Leghorn type, the egg type, is not in any instance lost sight of in producing size. The above mentioned things are a few of the secrets (if you wish to call them secrets) of the Cornings' success. Sunny Slope Farm is an interesting place to me, and I believe to many others.

Harry M. Lamon.

When the additions and improvements now being made at Sunny Slope Farm (the Corning Egg Farm at Bound Brook, N. J.) are completed, as they will be by September, the plant, already large, will consist of three laying houses, each sixteen feet wide by one hundred and sixty feet long; one breeding house, sixteen feet wide by one hundred and forty feet long; one cockerel house sixteen feet wide by sixty feet long (this is in the center of a yard of about one acre, and is designed to carry six hundred selected cockerels, to be sold for breeding purposes); one brooder house, two hundred and forty feet long, one-half sixteen feet wide and one-half twenty feet wide, the sixteen foot half being divided in thirty-two individual hovers, with outdoor runs, and the twenty foot section is divided into twenty nurseries, with outdoor runs. On the north wall of this building is a hot water coil giving summer temperature at all seasons. Underneath this house is the incubator cellar. All incubation and brooding is done by gas, which has been piped into the building. The balance of the cellar under this building is fitted up with frames and a water sprinkling attachment for sprouting oats. With the exception of the brooder house, all poultry buildings have canvas windows, no glass being used. The workshop and graneries are centrally located and are equipped with a ten-horsepower gas engine, bone cutter, mash mixer, clover cutter, etc, with egg receiving and packing department adjoining. The colony range for growing pullets has thirty colony houses, each with six feet by ten feet floor space, front and rear walls six and five feet high, respectively. The two canvas windows in these houses open out, providing an awning for shade. The range is left in a wild state, but a luxuriant growth is produced by heavy fertilizing. This gives a great variety of rank growth, affording excellent shelter. This range is surrounded by an overhead trolley, to which dogs are attached at night, each dog covering a section of two hundred and fifty feet (the farm owning some of the finest bloodhounds in the country). The above, together with office, storage, residence and stable buildings, comprise the plant. There are at this time on the farm about three thousand five hundred laying hens, and between nine and ten thousand chicks of all ages, and all S. C. White Leghorns. The plan of breeding, from the very inception of Sunny Slope Farm has been to produce hens which would not only lay a large number of eggs, but also eggs uniform in shape and of large size.

The usual method of selecting breeders is by trap nests. Certainly the use of a mechanical device for the selection of breeding hens should long since have

been discarded, because it is impossible for the trap nests to be accurate. In every pen of laying hens more or less eggs are laid in the litter, making it impossible to know the individual hen that laid them. Again, a hen which, up to a given time, has made a wonderful record, may have an upset in her digestive organs, or otherwise, and cease laying for a time. And thus a hen whose qualifications as a breeder far surpasses another whose egg record is seemingly better, is discarded in favor of the poorer bird. It is believed at Sunny Slope Farm that as the hen is an animal she should be bred, if actual and exact results are to be obtained, as other animals are bred. This is not accomplished by resorting to a mechanical device, as a guide, but by the careful and scientific study of the animal's anatomy, and by the selection of type for the reproduction of the same type. It is impossible to produce a great performer in any line unless the animal is so built as to be capable of the performance. Sunny Slope Farm has an ideal for an egg producer, towards which it has been working from the start, and the results is now plainly in evidence in the great flocks rapidly approaching this ideal type, which is, briefly outlined, a hen with a long body, a deep keel and a general appearance of broadness as she stands with her back towards you. This is the build of hen which can be relied upon, if examination proves other points to be equal, to not only lay many eggs, but eggs of large and uniform size. The yearling hens at Sunny Slope Farm (and by a yearling hen is meant a hen which has passed through her first moult) are the only ones used, none younger are fit for breeders. The breeding house carries out the Sunny Slope Farm system of the large flock in one undivided house. By the scientific selection of hens for breeding in large flocks and mated to cockerels whose ancestors were great performers, the fertility of eggs runs very high, and from year to year the hatchability has been moving up towards the fertility, each year showing marked improvement in size of eggs, in size and vigor of chicks, and also in rapid development to the egg producing period. While in all points except size the above described birds probably more than meet all the requirements of the Standard, they would be disqualified on their weight and size. Is it not a poor Standard that puts a premium on a weakling and discards large, strong, vigorous birds, which are money-makers, and not toys?

There are many other features at Sunny Slope Farm unique in themselves, but time and space forbid further elaboration.

Gardner Corning.

A CORRECTION.

In our June issue appeared an article about the farm of the Newtown Producing Co., Newtown, Pa., in which we gave credit to Mr. F. W. DeLancy. Our attention has been called to the fact that this was an error, as the article was written by Mr. Frank L. Platt, who is connected with the Hall Mammoth Incubator Co., Utica, N. Y.

Of course an ad. in the American Poultry Journal costs a little more. The best always does. But it's the cheapest in the long run.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question: (1) Should young chicks be given water at certain intervals, or should water be in easy reach all the time? (2) If buying poultry for egg production, would it be better to buy a utility pen or a prize winning pen? (3) Can you tell what is the matter with my chicks? Their craws seem to puff up, they stand around droopy for a couple of days, and then we find them dead. Am feeding "dry" food, grit and charcoal.

E. D. M.
Delaware, O.

Answer: (1) Fresh, cool water should be kept within their reach at all times. (2) The best are none too good, therefore we would advise buying from the prize winners. (3) This is due to indigestion, brought about by improper feeding the first few days after hatching. It is also caused by lice.

Question: (1) Why are there differences in the color of eggs of a flock of chickens of which all are of the same stock, and fed the same kind of feed? (2) Does the size of a turkey egg make any difference with the size of a turkey when hatched and full grown, and why? (3) Do all chicken eggs, of any of the larger fowls, average 36 ounces a dozen? (4) What is the average weight of the Mammoth White Holland turkey eggs per dozen? (5) How did the American people improve the weight of the Mammoth White Holland turkeys? (6) Is cooked groundhog or rabbit meat good

for young turkeys, the same as chicks?
Clay City, Indiana.

Answer: (1) The cause of this has never been discovered, except in theory. (2) We doubt very much if the size of the egg has any material effect on the size of the bird at maturity. The size of the bird depends on feed and care. (3) No. The average is closer to 20 ounces. (4) We are unable to say. (5) By careful selection and mating. (6) Yes.

Question: (1) In what position should eggs held for hatching be kept? Does it affect their fertility to keep them standing on end for several days? (2) Some time ago A. P. J. stated that a chick could be raised to maturity without water. How can this be done?

Denver, Colo.

Answer: (1) Eggs for hatching can be kept either on their side or standing on the small end. Where kept on the end they will not have to be turned as often as when kept the other way. (2) This statement was made by one of our subscribers, who, no doubt, can explain.

Question: (1) I am renting a place here which has a poultry house on it that measures 8x16 feet, with three windows on the south, each three feet square. Will you please advise me, through the columns of your journal, how I can make this into a fresh air

house with curtain fronts at roosts? (2) It has a ground floor which is very low and wet in bad weather. Would you advise putting a board floor in one half and a ground floor in the other half for litter? (3) How many hens would this building accommodate when confined in the winter months? (4) Will hens do as well without a male bird as with them?

Avery, Ohio.

Answer: (1) Remove the windows and in their place put muslin curtains. Roosts should be located so that no draughts will strike the birds. A drop curtain can be arranged in front of the roosts. (2) Would advise filling in so that the floor will be high enough to prevent dampness, then put a board floor over the entire space. (3) Twenty-five. (4) Yes.

Question: I have a Single Comb Brown Leghorn pullet, hatched last June, that has laid 135 eggs up to one year of age, without any forcing. What kind of a record would you call it—good, very good, or especially good? I am just a starter in breeding, therefore a reply in your journal would be appreciated.

Cleveland, Ohio.

Answer: We call this a remarkably good record.

Question: (1) Is there any remedy for bowel trouble among young chicks? If so, what is it? (2) The other day I noticed one of my hens drooping around and all her droppings clung to her feathers. I picked her up and noticed that it was full of little white worms. She died in about an hour and her comb turned dark purple. Could you tell me what was the matter, and how I can cure and prevent it? (3) How can I cure scaly leg? (4) If I let a Light

"Ringlet" Bargain Sale

For 1910 is the Event in Barred Ply. Rocks

My Special Sale List is now ready for mailing, and I am glad to offer to the people all over the world the most striking price reductions and the most emphatic bargains ever set in type.

This is now the time to call upon the almost unlimited resources of my "Ringlet" Farm and secure New York Winners and Sons and Daughters of New York Winners and birds of this New York line of blood at the marked down bargain prices.

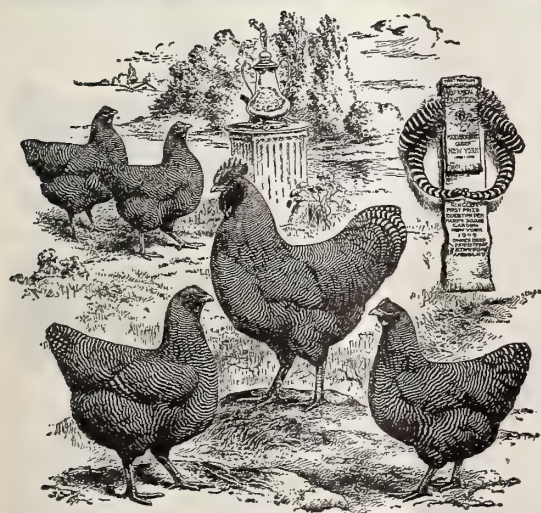
Birds bought at the prices in my Special Sale List will pay you extraordinary dividends

The list covers emphatic bargains in single birds, pairs, trios and breeding pens and lots to meet the needs of all, no matter whether wanted for fine breeding or exhibition in competition that you feel will be the strongest. They are mated by me personally; which insures the best results.

The "Ringlets" are the proud product of more than a quarter of a century of Barred Rock breeding; they have the most fashionable barring and even blue color of the present day. They sell when no others will by reason of their matchless quality. "Ringlets" are known in every land and play their part in the commerce of the world.

It will be to your interest to have this Special Sale List and take advantage of this opportunity to buy now at the cut down bargain prices. It is sound business judgement to buy what you want when offered for dollars less than it is worth—it is justice to yourself and economy. Whatever may be your wants in Barred Plymouth Rocks you will find it in my Special Sale List at Bargain Sale Figures. The List will be mailed promptly upon request.

Eggs from the World's Best Exhibition Matings. Elegant 58-page catalogue upon application.



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

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1st and 2d cockerels, 2d hen, 3d and 4th pullets at Cleveland, 1910, on 5 entries. Eggs, \$1.50 to \$3 per 15.

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won at Madison Square, Pittsburgh and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

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PRIZE Reliable Incubators have won 648 prizes for performance and general quality in the last 18 years. We build the complete incubators in our own factory. Get the benefit of our 28 years' experience. Interesting incubator catalogue sent free. Write today. **RELIABLE INCUBATOR & BROODER CO. : : Box C1, QUINCY, ILL. WINNER**

DO YOU WANT

to win with S. C. W. Leghorns and White Wyandottes? Then write us. Stock for sale.

Naumburg & Booth, 1532 W. Bancroft, Toledo, O.

REDUCTION

Barred Ply. Rock stock and eggs at less than half price after June 1st. Eggs from best pen, that contains all winning stock, only \$2 per 15.

S. N. Buss, Box 73, Panola, Illinois

Old Dominion Strain....

of **Barred Ply. Rocks** won 1st and 4th prizes at Washington, D. C., 1909.

Chas. C. Wine : : Mt. Sidney, Virginia

Potter Perch Support
Best on the market
25c pair, \$1.40 doz.
Send for our circulars
The Potter Mfg. Co.
Sound Beach, Conn.
Box 502

The Buffalo Incubator

Made by

Chas. A. Cyphers

Has Made Good

THE Crystal Springs Poultry Co., Oil City, Pa., markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent of fertile eggs taken off this season—ninety-three per cent.

"We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world beater."—Patrick McEvoy, Mgr.

Send your order today. Prompt shipment guaranteed. State size wanted and enclose price with order. I guarantee the Buffalo in every way to be the best incubator ever offered at any price.

50-Egg, \$ 8.00 200-Egg, \$15.00
100-Egg, 11.00 300-Egg, 20.00
Indoor Brooder, \$7.00 Colony Brooder, \$10.00

Send for Descriptive Circular

CHAS. A. CYPHERS

President Buffalo Incubator Co.
4700 Ellicott Square, Buffalo, N. Y.

Brahma hen run with a Silver Spangled Hamburg cock a week, then put the Hamburg back with Hamburg hens and the Brahma with a Brahma cock, then set the eggs from both pens, how would the cross show and when could I set them, expecting thoroughbreds? (5) Is a Brahma hen that scores 95¼ a good one, and how much is she worth? (6) Is a Silver Spangled Hamburg hen that scores 94 a good one? L. E. R. Romulus, Ark.

Answer: (1) There are several remedies, but no absolute cure. Boiled milk is good; also boiled rice to which add a liberal sprinkling of powdered cinnamon. Bowel trouble in little chicks is usually caused by feeding them too soon after hatching, or by the chicks being chilled. (2) Intestinal worms was, no doubt, the cause of the trouble. Give 10 to 15 drops of oil of turpentine in a teaspoonful of sweet oil night and morning for three days. (3) See our Hand Book for remedy. Price, 15 cents. (4) This is difficult to determine. The cross might show to a greater or less degree during the entire breeding season. (5) Yes. From \$10 to \$25. (6) Yes.

Question: (1) Will the chicks from a pullet that has had the roup have the same disease? (2) Is she fit for breeding? (3) What is the cure for diarrhoea? (4) What is a R. C. Black Minorca worth that scores 96? A Barred Rock? B. Leghorn? S. C. R. I. Red? Sidney, O. M. H. J.

Answer: (1) Yes. (2) No. (3) A teaspoonful of sweet oil every four hours and feed with crust of bread scalded with boiling milk. In severe cases a pill containing 1 grain each tannic acid and opium. (4) Any fowl that will score 96 honest points is worth all the way from \$25 up, depending on the breeding back of the specimen.

Question: Please let me know in your next issue which are the best turkeys to raise on a farm in regard to weight, White Holland or Mammoth Bronze? Central Lake, Mich. M. D.

Answer: These are both very large breeds, but we prefer the Bronze.

Question: I have some very fine White Orpington hens that are giving excellent work as layers. Twice within the last ten days, in going into the hen house in the early morning, we have found eggs on the drop board, broken, which had evidently been laid during the night or early morning. What would cause the hens to do this. A. J. S.

Gooding, Idaho.
Answer: This happens very frequently where the hens are laying extra well, and is caused by inflammation in the egg passage. Feed plenty of green food, also some wheat bran and stale bread soaked in sweet milk.

Question: What is a year old Single Comb Brown Leghorn cockerel's value that scored as follows: 95 by Judge A. C. Le Due, 93 by Judge W. S. Russell, 93¼ by Judge Thos. S. Falkner? E. M. Spring Grove, Ill.

Answer: We cannot put the value on a bird by the score, or at least until we knew in what sections the cuts were made.

Question: (1) Will the Buckeye cock and Leghorn hen make a good cross? (2) Is this a good time to mate them

Hanlon's Buff Leghorns & Black Orpingtons

Produces the winners. A few extra choice Black Orpington cockerels for sale. Eggs, best pens, \$5 per 15; \$9 per 26. Philip Hanlon, Jr., Watertown, New York

J. C. W. Orpingtons

Winners New York, 1909; Cleveland, 1910. Send for mating list. Eggs half price after June 1.

Harold L. Purvis, Box 31, Butler, Penna.

S. C. W. Leghorns and White Wyandottes

Whiterest Strain. For the 3d time our birds won the silver cup for best display at the Cleveland show; 1903-9-10. Eggs \$2, \$3, \$5 per 15. Circular free. H. C. & C. W. SIXT, Box 42, West Park, Ohio.

EGGS

Our Mammoth Pekin Duck eggs, \$3, \$2.50 and \$1.50 per 11, or \$3 per 100. Orpingtons at \$3 per setting. Can fill your orders for day-old S. C. W. Leghorn chicks at \$12.50 per 100 in any size lots. C. C. HERON, Hope, Indiana

White Rocks and R. C. W. Leghorns

Farm raised. Eggs \$1 per 15; \$3 per 50; \$5 per 100. Also choice breeders at living prices. Satisfaction.

E. H. Reichert : : Virden, Illinois

S. C. BROWN LEGHORNS

Winners at Iowa State Fair, Cedar Rapids and Chicago. Eggs \$1.50 per setting. Breeding stock for sale at bargain prices after June 1. A. E. BANTA, Box 23, Wheatland, Iowa

R. & S. C. Reds

They always win. Eggs \$3 and \$5 per 15. Some choice stock for sale. Satisfaction guaranteed.

Wm. H. Klug 895 Seyburn Avenue Detroit, Michigan

One-Half Price!

Balance of season. Eggs from Imperial Poul. Farm's Buff, Black and White Orpingtons. Free mating list. Imperial Poultry Farm, Chas. C. Miller, Prop., Atlanta, Illinois

Columbian Wyandottes

— Eggs for hatching. Send for mating list. —

C. L. Patterson, R. 33, Box 1, Barberton, O.

The Original Barred Cuckoo Wyandottes

Eggs \$5 per 13. Ringlet Barred Rock eggs \$2.50 per 13; \$5 per 30.

E. L. Geisel, Prop., Originator, Morganville, New Jersey

KING BROS.

Largest breeders in the northwest of the world renowned "Kinglet" strain Barred P. Rocks. Our prices are right and we positively guarantee satisfaction.

King Bros. - Oshkosh, Wisconsin

Rose Comb R. I. Reds

Eggs at reduced prices for June and July. After June 1st we will sell a limited number of breeders at bargain prices. Send for our free mating list. Have you seen the "Origin and History" of R. I. Reds, also how to mate, breed and judge them? This can be had for 20c by writing



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SPECIAL OFFER

Send us the photograph and \$1.25 with your instructions, and we will mail you one of our excellent Half-tones of the same, the size not to exceed 10 square inches. Write for estimates on Engravings for catalogues, booklets, etc. All work guaranteed.

THE LITHOTYPE COMPANY
ELGIN, ILL.

for fall hatching? (3) How often should little chicks be fed with free range after two weeks old? (4) Is it necessary to feed shells and cut meat to get good egg results at this time of season if chicks have free range?

Henryetta, Okla. J. W. W.

Answer: (1) No. (2) Yes. (3) Four times a day until they are six weeks old, then three times a day. (4) No.

Question: What feed is the best between beef scraps and fresh-cut green bone? What proportions should they be fed and how often for laying hens and growing stock?

Galveston, Texas.

Answer: We have just as good results with the one as the other. In feeding green cut bone, allow about two ounces to each fowl three times a week. In feeding beef scraps our method was to keep it in hoppers before the birds at all times, both old and young stock.

Question: Pleased to see published in your Query Box department of the first issue the defect in a White Wyandotte chicken with a single comb, and should there be a change after the chick gets older, as it is only about six weeks old, and these eggs were bought from a reliable breeder who makes a specialty of this kind of poultry?

Thomasville, Pa.

Answer: This is a disqualification. The comb will not change after the bird gets older.

Question: What was the matter with my Buff Rock hen? She was lame for two or three months, stopped laying about three days and then died. I cut her open and found her liver swollen twice its natural size and all full of white pimples.

Freeland, Pa.

Answer: Liver trouble. Procure a copy of our "Poultry Doctor." It will give you full information and remedy for this and all other diseases of poultry. Price, only 50 cents.

Question: (1) I purchased a Barred Rock cock from a poultryman last fall, paying a good price for same. He seemed to be all right. He is a fine looking bird; seems to be very vigorous and always working. I mated him with nine mature Barred Rock pullets. I set eggs from these pullets and never got a chicken. I examined the eggs and found them not fertile. (2) If cock's fault, is there any remedy?

Decatur, Ill.

Answer: (1) This is evidently the fault of the male. It sometimes happens that a vigorous looking male is of no use as a breeder. There is no remedy that we know of.

Question: (1) I had a Brown Leghorn hen that one side of her head swelled up, blinding her in one eye, and she had some substance in her mouth that kept her from closing her mouth, and I had to kill her to cure her. What was the matter with her? (2) Does a Leghorn lay a large egg? (3) Is a cock that crows loud and often and always busy a good bird to breed from? (4) What is the cure for a bird when it sneezes?

Homestead, Pa.

R. W.

Answer: (1) Roup and canker. See remedies advertised in these columns. (2) Medium size. (3) Yes. (4) This is caused by a cold. A 2-grain quinine capsule will usually check it. Our book,

Buff & Black Orpingtons & S. C. & R. C. Reds

Postively the GREATEST BARGAINS ever offered in the above varieties. Our show birds and grand breeders now half price to clean, up quickly and make room for our 1000 head of young stock. All eggs half price. If you intend buying any of above varieties you make a mistake if you don't write us today.

Craig & Mapes :: Box 4 :: Mt. Lebanon, Pennsylvania

MAINS' MOTTLED ANCONAS

Are winners. Exhibition birds and eggs, my specialty. All stock raised on free range and bred for quality, utility and vigor. Satisfaction guaranteed. For particulars, write and mention American Poultry Journal.

Frank W. Mains :: Morris Plains, New Jersey

GLENDALE POULTRY FARM

Standard bred White Plymouth Rocks and White Wyandottes. Perfect beauties, snow white. Eggs, \$2 per 15. White Holland Turkeys—Birds that score over 95 points, \$2.50 per 9 eggs. Stock for sale at all times.

R. F. D. NO. 2 - - - ATKINS, MICHIGAN

WHEELER'S S. C. W. LEGHORNS

Winners at Boston, Buffalo, Baltimore, etc. Prices Reduced—For the balance of this season I will sell eggs at one-half the list price. 50 grand breeders and show birds for sale. Write me your wants and get my descriptive circular.

G. L. Wheeler & Son, Box 14, Penn Yan, New York

WHITE ORPINGTONS Half Price Sale

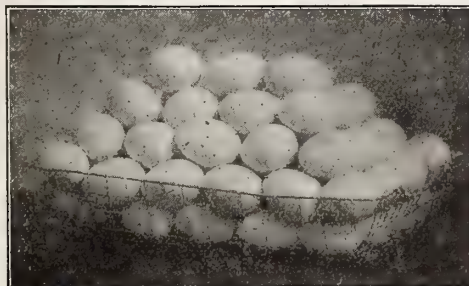
I will sacrifice about half of the grand breeding and exhibition birds which I now have in my breeding pens. They include many noted prize winners. Write quick for sacrifice prices. A fine bunch of classy youngsters ready after August 1. I have show quality only.

F. D. Sutton 68 St. Louis Avenue Youngstown, Ohio

BREEDING SEASON OVER

We offer our yearling breeding hens at one dollar and a half per bird. This is a chance of your life to get a start with the famous LAKEWOOD FARMS strain of Single Comb White Leghorns. These birds will be shipped direct from our Lakewood plant.

Lakewood Farms Products Co., 67 Barclay Street, New York City, New York



DON'T SEND

for any more eggs this season from Mishler's

R. C. Black Minorcas

We can not fill all the orders we are getting. Over half our surplus stock is sold. If you wish any of the birds we used in our this year's pens you will have to write us about the matter at once. Send for catalogue and let me know what grade of stock you wish. We made a clean sweep of all 1st prizes at Chicago, 1909.

LLOYD C. MISHLER

Route 1, NORTH MANCHESTER, INDIANA

PINE RIDGE FARM

BUFF, BLACK, WHITE AND DIAMOND JUBILEE ORPINGTONS

Are the down-to-date, low set, blocky kind that are winning at the best shows in the country for us and our customers.

Eggs Half Price Balance of Season

Regular price, \$15, \$10, \$7.50, \$5, \$3 and \$2.50 per 15. Also have some bargains in this year's breeders. Send for mating sheet.

H. B. Prescott - Box 38 - Derry Village, New Hampshire

Must Sell

One-Fourth to Half Value

YOUNG AND OLD BIRDS—Guaranteed fine show winners. A great laying strain. Many trap nest egg records. Above 200 winners at most of the large shows, including New York, Chicago, Illinois, Missouri, Iowa and Minnesota State Fairs and shows. Barred White and Buff Rocks, White Wyandottes, Buff Orpingtons, Bronze and Bourbon Red Turkeys, Pekin and Indian Runner Ducks. Bred on two farms by two experts. We have got to sell a lot as we must have the room and money to properly develop our 1,500 young birds. Write your wants. Catalogue free.

F. Gage Cutler : R. F. D. 13 : Carthage, Illinois

S. C. White Leghorns Columbian Wyandottes

Eggs half price. A few selected breeders for sale. Place your orders for young stock with "Harvester Strains." : : :

H. A. D. Leggett 21 Rowley Street
GOVERNEUR, N. Y.



BABY CHICKS. Buy Day-Old chicks, Cooley Chicks. I can supply you with strong, sturdy, healthy, growing White Leghorn and Barred Rock day-old chicks from prize winning stock. Fastest growers. Avoid the risk—let me hatch your chicks. Safe arrival assured. Exhibited Madison Square Garden, N. Y., 1908-09-10. Send for Book-let A. Elden E. Cooley, Frenchtown, N. J.

White Ply. Rocks

A few of my choice breeders for sale now at prices that will move them quick.

Wm. C. Eagley, No. Girard, Pa.

DIDRIKSEN'S CHAMPIONS

Black Minorcas, S. and R. C. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale. A. Didriksen :: Whitewater, Wisconsin

F. R. E. E

Poultry Catalogue

East Donegal Poultry Yards, Marietta, Penna.

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio



The "Signet" Leg Band

Adjustable. Price, 12, 15c; 25, 20c; 50, 35c; 100, 60c; postpaid. Try Little Gem Water Fountain Pan; just the thing for little chicks; 20c each postpaid. W. J. Bail, Salem, O.

BUFF ORPINGTONS

Eggs and stock sired by a son of a Madison Square Garden winner. Prize winning W. H. Turkeys.

H. B. Cass, R. R. 5, Taylorville, Illinois



A GOOD TRAP NEST made in a few minutes; very simple and reliable. Complete printed instructions for making your own trap nest, only 10 cents.

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A SLAUGHTER

In Nixon's White Wyandottes

For the next 60 days I will sell cocks and hens direct from breeding yards at 40 per cent discount. Many bargains. Write your wants. Eggs half price.

CHAS. NIXON, A. P. A. Judge
Box 202 : Washington, New Jersey

ONLY A FARM

WH. WYANDOTTES

We have upwards of 1,000 promising young birds, some that will be fit for the early fall and winter shows. Inspection invited.

Onlya Farm, Morristown, New Jersey
Philip Kearney, Proprietor Chas. Staaff, Mgr.

INCUBATOR

And Brooder Supplies, Fixtures and Repairs

March catalogue just issued.

Send for it today. : : :

Oakes Mfg. Co., Box B, Tipton, Indiana

"Poultry Doctor," will give you full information about all poultry diseases and remedies for them. Price, 50 cents. For sale by us.

Question: (1) Is corn ensilage good to be fed as a green food in winter? (2) Of what does animal food consist? (3) Are Single Comb Buff Leghorn eggs harder to hatch than the other breeds?

Groverstown, Ind.

R. H.

Answer: (1) We have no data as to the value of this as green food, but in our opinion it is not. (2) The flesh of animals, bugs, insects, worms, etc. (3) No.

Question: (1) Please tell me the best and cheapest way to feed young chicks till they are two months old? (2) How old should chicks be to be fed oats? (3) Is hulled oats, ground, a good feed for very young chicks? (4) In starting stock with eggs, only one kind to be raised, is it best to get eggs from the same or different places? (5) Should cockerels and pullets from the same strain be bred together the first year, or should I get cockerels from another strain. (6) Do you consider Buff Orpingtons a good fowl to raise on the farm for market and egg production?

Core, W. Va.

Answer: (1) Our Hand Book will give you this information; price, 15 cents. (2) Sprouted oats may be fed after they are a week old; whole oats after two months. (3) Yes. (4) The foundation stock should all be secured from one source. (4) Procure a cock bird of the same strain to mate with your pullets. (5) Yes.

Question: Will you please inform me in your next issue if 20 pullets and two cocks of the Minorca breed will make fertile eggs in a pen 20x50 feet, with every feed given them that they require?

Kansas City, Mo.

F. A. B.

Answer: These would probably do better if separated into two pens of ten females and one male, as it frequently happens that where two or more males are in the same pen they fight more or less and will not give the females the attention necessary to produce fertile eggs.

Question: (1) Will any variety of Cochins lay as many eggs on an average the year round as the smoothed legged variety of fowls, such as Plymouth Rocks, Orpingtons, etc.? (2) Will Columbian Plymouth Rocks bear their markings perfectly to their offspring? (3) Will a Partridge Cochins or Partridge Plymouth Rock breed true to color?

Honaker, Va.

Answer: (1) No. (2) Yes, if properly bred and mated. (3) Both of these varieties breed very true to color and especially the Cochins.

Question: I would like to have you tell me, through your Question and Answer Department, what is the matter with my chicks. They are troubled with some kind of bowel trouble, and will appear well one day, but by the next they are drooping around and are generally dead by the next morning. Their droppings do not drop off, but ball up around the vent. I did not hatch these chicks, but bought them from a party in New York state. They are a little over a week old now. These chicks are housed in a fireless brooder and are fed johnny cake, dry

After "Sousters"



A pan full of disks the maker says "souse as one piece."

"Sousing" or rinsing complicated cream separators is both unsatisfactory and unlawful, for laws are being passed to stop it.

Here is the South Dakota law:

"Cream shall be unmerchanted for buttermaking if it has been skimmed by a filthy, unclean, unsanitary or unwashed separator."

Other states are passing similar laws. Makers or agents who advise "sousing" are willing to make a law breaker of you, to cause you the loss of your cream, or make you liable to fine or imprisonment, in order to sell you a complicated machine. Wise dairymen let disk-filled and other complicated machines alone. They prefer simple, sanitary, easy to clean.

Sharples Dairy Tubular Cream Separators

for Dairy Tubulars have neither disks nor other contraptions, yet produce twice the skimming force of common separators. The World's Best. World's biggest separator works. Branch factories in Canada and Germany. Sales exceed most, if not all, others combined. Probably replace more common separators than any one maker of such machines sells. Write for Catalogue 205.



The only piece inside Dairy Tubular Bowls.



THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.

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Toronto, Can., Winnipeg, Can.

We Pay You 50 cts.

for the empty box that contained the remedy, if

CONKEY'S ROUP CURE

fails to cure Roup, Colds or Canker in Domestic Fowls or Pigeons. This wonderful powder is given in the drinking water. C. W. Fowler, breeder of Buff Plymouth Rocks, Smyrna, Georgia, writes: "I believe that every 50c package of your Roup Cure saves me \$50 in birds." "It kills the germ!" "An absolute preventive!" A splendid tonic. If your dealer cannot supply you we will! Prices, 50c and \$1.00, postpaid. We make one remedy for each disease. "The Conkey Book" (Price 25c) sent FREE if you give name of your poultry supply dealer and enclose 4c postage. Address C. E. CONKEY CO., Dept. 15, Conkey Laboratories, CLEVELAND, O.



100 EGG



Incubator with triple walls, copper tank, regulator, nursery, chick drawer, clear top, 26x21x31 high. Why not pay \$2 or \$3 more and get this good one? Price \$10; freight paid east of Rockies.

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ANYBODY CAN HATCH CHICKENS WITH A BUCKEYE INCUBATOR \$5



Simple, self-regulating, complete—the only incubator sold on 40 day free trial with money back in case of failure. 10,000 sold last season and not one returned.

100,000 in use. Send for books telling how Buckeye owners got 51 chicks for 50 eggs, and "Making Money the Buckeye Way." Both are free to you. Buckeye Incubator Co., 1313 Inafield Ave. Springfield, O.



The FAVORITE BAND THE BEST IN THE WORLD 12 for 15c, 25 for 25c, 50 for 40c, 100 for 65c.

CHAS. L. STILES
33 Columbia Bld. COLUMBUS, OHIO.

bread crumbs and rolled oats, with chicken feed, in the litter. Is this disease hereditary, and what is its name and cure? F. W. S.

Coudersport, Pa.

Answer: This is what is known as "white diarrhoea." It is caused by the chicks being fed too soon after hatching, by improper feeding or by the chicks getting chilled. There is no absolute cure for it, but very good results may be had by giving boiled milk to drink and boiled rice to eat, to which has been added a liberal sprinkling of powdered cinnamon. Our book, "Poultry Doctor," will give you a vast amount of information about poultry diseases and remedies. Price, only 50 cents.

Question: Are White Rocks that are line bred to conform close to the standard more delicate and less vigorous than those that are not inbred or so-called line bred? M. E. J.

Cambridge, Ill.

Answer: This depends upon the way they were line bred; if properly mated they are just as vigorous as those that are not line bred.

Question: (1) I am a blacksmith and horseshoer. Can I use the fresh hoof trimmings instead of green cut bone, or can I feed them to any advantage at all? (2) I have an incubator with walls $1\frac{1}{2}$ inches thick, outside board $\frac{3}{4}$ inch, inside casing $\frac{3}{8}$ inch, $\frac{3}{8}$ inch air space lid 1 inch thick. Is this a faulty machine? I can not get good hatches with it. M. B. M.

Cave City, Ark.

Answer: (1) These are of no value as a chicken feed. (2) Do not think the incubator is at fault.

Question: Will you please inform me, through your question and answers in the American Poultry Journal, how to make young chicks, raised in a brooder, roost? J. N.

West Orange, N. J.

Answer: Young chicks should not be allowed to roost too soon, as this will result in deformities. Nature will tell them when it is time. You provide the roosts and the chicks will do the rest.

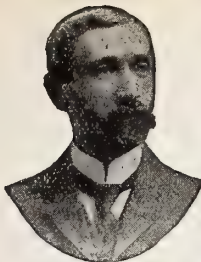
Question: We have 25 mixed hens in an orchard of low peach trees. In the spring they cleaned the lower part of the trees of leaves and blossoms, and later on would get in the trees and eat the little green peaches. Some days we get two or three eggs and some days none. Does peach leaves, blossoms and peaches check laying? They are fed twice a day on corn, wheat, oats and maze. We furnish them with good water, lime and oyster shells. They have a good coop. They are not overfed. Granite, Okla. Mrs. J. W. D.

Answer: Do not believe that the peaches have anything to do with the poor egg yield of your fowls. It may be due to a lack of animal matter. Feed some fresh meat or liver about three times a week, about two ounces to each bird.

Question: I have had many chickens between three and six weeks of age get droopy, then grow smaller and weaker and finally die, so decided to cut into the intestines and found many hair-like worms. Please give me the cause and remedy. Mrs. J. H.

Little Rock, Ark.

Answer: Intestinal worms in chick-



Robert H. Essex

Earth—on the green grass if possible; let them hunt up bugs, worms and flies. If the weather is dry or insects few, get MODEL NUTRINE CHICK SALTS, which fulfills every need for animal and mineral food; builds bone, sinews and produces feathers. Nutrine Salts by aiding digestion, prevents diarrhea and "going light" in chicks. These Salts are not a purgative, but a tissue builder, and a wonderfully effective food-salt. Costs five cents a week for fifty chicks. A dollar or so spent now on Lice Dust that is really good, Lice Spray that is really effective, is the best investment you can make. Start your chicks right and see that you get the best goods for your money. Model Supplies are Superior. See list below.

Model Incubators, Brooders and All Kinds of Poultry Supplies

IF YOU USE CARE in choosing your supplies, you not only save money, but save chicks. Let your Food Holders and Wall Founts be of good, heavy galvanized iron and well made, especially when they cost no more than the low-grade kind; and above all, be sure to Get a Brooder That Broods—one that can be depended on to hold an even temperature and to keep your chicks warm; a brooder that provides healthful, fresh atmosphere. MODEL BROODERS are so constructed that nothing is left to chance. Yet they are reasonable in price. I you knew how many chicks are saved by their use, and how well the chicks thrive in them, you would use no other. Our free catalogue tells you all about the different sizes, from our \$6.00 Portable Hoyer to our Unequalled Model Colony Brooder at \$15.00—the cheapest, the best on earth for raising chicks. Model Incubators are equally well made. They are used by Successful Poultry Keepers, Experiment Stations and Big Poultry and Duck Farms.

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Chick Shelters
Drinking Founts
Wall Founts
Water Cups
Food Hoppers
Grit Boxes
Food Troughs

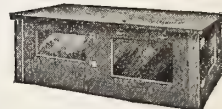
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Leg Bands
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Write to-day for our new price list and poultry book containing valuable chapters on poultry raising and illustrating and describing our complete list of poultry supplies. We want Poultry Keeper Agents. Write for terms. Address

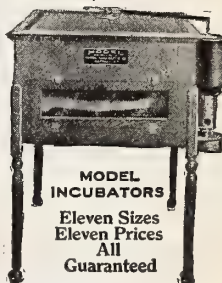
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(Robert H. Essex, President)

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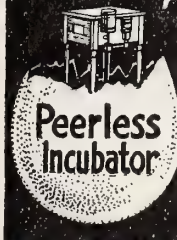


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Six Sizes, Six Prices



MODEL INCUBATORS
Eleven Sizes
Eleven Prices
All
Guaranteed

ARE YOUR INCUBATING EXPENSES TOO HIGH?



Cut them down by using my Tandem Thermostat and Acme Trip Burner. Fits any incubator or brooder.

PEERLESS INCUBATORS AND BROODERS have many improvements over others, covered by my patents—you can get them only in a Peerless. My New Lampless Brooder is the best on earth—no lamp, no expense to operate. I manufacture every attachment to enable you to remodel any incubator and make it better than it was when new. Get my Free Book of Plans and complete catalog—it shows you how to build your own incubator. Write me today about the poultry supplies you need.

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RIPPLEY'S FLY REMOVER & LICE KILLER

Saved One Customer \$75 that used it on 5 Cows 90 Days in linn and horses from flies, lice and insects all day in pasture or barn. Has stood a 10-Year Test. Non-poisonous, fine disinfectant. Cows sprayed with it give 1-3 more milk, at a cost of $\frac{1}{2}$ cent per day.

We Return Money if it fails to protect animals. Prices—send \$1.00 for enough, and sprayer to apply it, to protect 3 cows 30 days; 5 gallons, \$4.25, to protect 5 cows 90 days, 10 gallon, \$8.00, protects 10 cows 90 days; $\frac{1}{2}$ bbl., 30 gallons, \$20.00; 50-gallon bbl., \$30.00. 4-gallon Automatic Sprayer, will spray 25 cows in 10 minutes, or whitewash buildings, \$5.00. Booklet free of Fly Remover, Whitewashers, Sprayers, Cookers, etc.

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Choice Virginia Farms

Along Chesapeake & Ohio Ry. as low as \$10.00 per acre. Send for illustrated booklet, "COUNTRY LIFE IN VIRGINIA," it describes the mild climate, all-year farming, dairying, poultry and stock raising, nearby Eastern markets, schools, etc., and why land is now so cheap. Low twice-a-month excursion rates. G. B. WALL, REAL ESTATE AGT., C. & O. RY., Box N Richmond, Va.



Victory for Bleakley's Buff Rocks

At America's greatest show. Send for my free catalogue which explains all. **J. J. Bleakley**, R. 3, Box B, Abilene, Kansas. Life Member A. P. A. State Vice president Buff Rock Club.

WHITE ROCKS

I have two very choice pens mated for the egg trade. Will spare a few settings at \$5 and \$3 for fifteen. Write for mating list or order direct from this advertisement.
W. N. Graham : : Bradford, Illinois

White Wyandottes

Eggs, balance of season, \$1.50 per 15; \$2.50 per 30; \$5 per 100. 40 hens for sale, \$1 to \$5 each. Five males at \$2 to \$10 each. **H. L. Logue**, Box 68, Neponset, Ill.

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashabula, Ohio.

S. C. BUFF ORPINGTONS

Eggs for hatching now half price, \$1 for 15; \$3 for 50.

H. Brevoort Zabriskie, 18 Elm St., Woburn, Mass.

S. C. BUFF ORPINGTONS

S. C. Buff Orpingtons (Cook), W. I. Games (Royal), eggs \$2 per 15, \$5 per 50. White Rocks (Fishes), S. C. W. Leghorns (Knapp), Pekin Ducks (Rankin and Japanese direct), eggs \$1 per setting, \$5 per 100. Toulouse Geese (McClave), eggs 25c each. All stock farm raised and are vigorous and healthy. Satisfaction guaranteed.

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HEWES' FARM BLACK LANGSHANS

Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

R. A. HEWES : : CRETE, ILL.

The Eureka Trap Nest

The simplest, the cheapest and the best TRAP NEST on the market. Send for catalogue.

Eureka Trap Nest Co., Willoughby, O.

Ferris' White Leghorns

Winners at Chicago, St. Louis, Toledo, Louisville, Pittsburg, Detroit. Bred for size, health, vigor and eggs. All stock sold on approval. Eggs from exhibition matings, half price after June 1. Breeders at reduced prices during the Summer. Write for mating list and 32-page catalogue. Please mention A. P. J.

THE FERRIS POULTRY FARM

Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

LAY OR BUST

If you will send us the name of your poultry supply dealer we will send you our Poultry Almanac absolutely free; worth \$1. Send a postal card for it today. Tells how to make your hens "Lay or Bust." Also about our wonderful "Lullaby" Brooders, costing only \$1.50 delivered to you. Money back if not satisfactory.

THE PARK & POLLARD CO.
30 CANAL ST. BOSTON, MASS.

ens are very common. In fact, worms in small quantities inhabit the digestive organs of all fowls and animals without causing them serious inconvenience. An epidemic of worms in a flock of fowls may be caused by the fowls being fed too much meat or it may be caused by the condition of the ground on which the fowls are kept. Worms are contagious in that they are transmitted from fowl to fowl by being deposited on the ground by one fowl and taken from it by another. There are a number of remedies, but we believe the most simple is oil of turpentine. Give from ten to fifteen drops of oil of turpentine in a teaspoonful of sweet oil night and morning for three days. Food should be withheld for three hours after the administration of worm medicine, and then a warm, soft meal should be allowed. Continue this diet for a couple of days. Care should be taken that all worms expelled be destroyed.

Question: Will you please advise me in your next issue which of the following would make the best utility fowl, which would be the best winter layers, the Black Langshan, Black Orpington or Black Javas?
L. S. Avery, Ohio.

Answer: These three varieties are all considered good winter layers. The Black Javas, of course, are not as popular as the other two varieties, but are considered an elegant utility fowl. We don't believe, however, there is much difference in the three varieties as far as utility and winter eggs are concerned.

Question: Has the American Poultry Association published a Standard of Perfection since 1905; if so, is it for sale, and where can I obtain one?
Thurmont, Md. F. V. A.

Answer: The American Poultry Association has not published a standard since 1905, but they are now at work upon the 1910 edition, which will be out this fall. Final action will be taken on this edition at the next annual meeting at St. Louis in August. We are now booking orders for this edition, to be delivered as soon as completed. Orders will be filled in the order they are received. First come, first served. Get your order in now. Price, \$1.50.

Question: (1) How would it do to put litter on the floor of a hen house and use dropping boards and take them out in the morning and use it for scratching pen in the day time? (2) How can I mate S. C. White Leghorns in order to get pullets or cockerels?
Gastonia, N. C. W. P. G.

Answer: (1) This plan is all right. (2) This cannot be done.

Question: Will you kindly tell me, through the columns of your journal, what, when and how much to feed chicks that are about one month old till they are fully developed? I have reference to chicks intended for breeding purposes. Also is lettuce a good green food for them? Also tell me what to feed chicks the first four weeks.
Egypt, Pa. H. B. D. M.

Answer: Any of the prepared feeds now on the market will do the work and are about as cheap as though you mixed them yourself. Lettuce is an excellent green food for chicks. Our Hand Book of Useful Information contains formulas for preparing feeds and

SPECIAL SALE

Send for free literature

IMPORTED ORPINGTON YDS.

Joe Coleman, Manager : : Lexington, Ohio

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Enormous profits are to be made in planting Ginseng. A more profitable investment than starting a Ginseng garden would be hard to find. Send for circular. **W. H. Culp**
West Jefferson, Ohio

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Young stock now ready. Bred direct from "Gold Medal winners," and has rich RED color, and good type. We can please you. Write for prices. **Wausara Cottage, 5731 Rosalie Ct., Chicago, Illinois.**

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I am receiving wonderful reports from the New Type Incubators and Brooders which I have placed on the market. Fully guaranteed. New Type Incubator Works, Box 126, East Columbus, Ohio.

JULY SALE

50 Buff Leghorn yearling females, \$1.50 each; 50 Banded Rock yearling females, \$1.50 each; 5 Buff Leghorn cocks, \$3 to \$8; 7 Banded Rock cocks, \$4 to \$10. These prices should get you our order. **GAGE & HUSTON**, Williamsport, Pennsylvania.

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free.

Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

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Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

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5,000 Bargains, 50 Per Cent Below Retail Prices

Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 80c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 54c. We guarantee quality and safe delivery. Write for catalog today.

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Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants. : : :

H. N. Hanchett, Jackson, Michigan

S. C. W. LEGHORNS

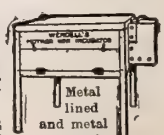
The kind that win and lay. A fine lot of cockerels and pullets after Sept. 1st. We have the finest lot of young birds in the South. We have pleased others, we can please you. Orders booked now for Sept. and Oct. delivery. Satisfaction guaranteed.

Turley & Scobee, Box M, Mt. Sterling, Ky.

WENDELL'S**INCUBATOR & BROODER**

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. Z. We allow 30, 60 or 90 day's trial to prove it yourself.

AUTOMATIC HATCHING CO., Holly, Mich.



much other valuable information. Price, 15 cents.

Question: (1) Is it necessary to stop pullets or hens laying when conditioning for show? If so, how may it be done best? (2) Can birds that have been laying for a month or two before show time be brought into as good condition as if they were just starting? (3) Will a hen that has been laying all winter be in good condition for breeding in the spring? (4) Generally when breeding from a pen of birds of a good strain that have won first at the biggest of shows, is it necessary to raise 100 or more chicks to get another pen of equal merit as their parents? I have heard, when breeding from high scoring birds, only about one out of every twenty raised will equal the old ones in quality. Is this correct?

Homestead, Pa. R. B. F.

Answer: (1) Yes. By changing their feed and moving them to another location. (2) No. (3) Yes, if she has the proper care. (4) As a rule, the percentage of first-class show specimens is small, but the percentage of first-class breeding birds should be large, providing the stock is good and has been properly mated.

Question: (1) Can you tell me in your next issue if eggs shipped from Iowa will be all right? They have to be sent to Portland, then by boat to Coos Bay. And how long will it take? (2) Do you know if there is a good Brown and Buff Leghorn breeder and White Orpington breeders in California or Oregon, or nearby state? (3) Would sawdust be good for litter under roosts? (4) Can chicks be shipped here all right? (5) How late do poultrymen keep eggs for hatching? I would like to keep my incubator going the year round, if possible.

W. J. A.
Daniel's Creek, Marshfield, Oregon.

Answer: (1) Eggs can be shipped almost any distance if properly packed. We are not familiar with the location of Coos Bay. (2) There are a number of good breeders of these varieties on the coast. Get a copy of the Pacific Poultryman, published at Seattle, Wash. (3) Sawdust does not make good litter. (4) Yes. (5) Some breeders can supply you with eggs for hatching at all times of the year.

Question: (1) What caused the eggs to be infertile the first time? (2) Why do you think the eggs are so small? (3) Will those chicks be crossed or mixed with the Rocks? (4) What caused the eggs to be infertile the last time? (5) Is a 7-pound R. I. R. cockerel too heavy for breeding purposes?

W. H. R.
Boonville, Ind.

Answer: (1) No doubt the fault of the male bird. (2) The pullets did not mature properly. The eggs will be larger next season. (3) some people claim they will be; others that they will not. Our opinion is that they will not. (4) We are unable to say. (5) No.

Question: (1) Do chickens that are of the same breed lay eggs of uniform color? (2) Do R. I. Reds lay white and colored eggs?

G. W. S.
Ambridge, Pa.

Answer: (1) Yes, as a rule. (2) The R. I. Reds, as a rule, lay a brown egg, although some are lighter in color than others.

Question: (1) I would like to know

GOLDEN LACED WYANDOTTES

It is not too late to get eggs for hatching and I can supply them from my Chicago, St. Louis and Milwaukee winners. Day-old chicks and breeding birds now for sale at a reduction.

J. S. PENNINGTON BOX A PLAINFIELD, ILLINOIS

S. C. RHODE ISLAND RED EGGS

Special price for balance of season, from my very best pens, \$3 per sitting; 2 sittings, \$5. From all other pens, \$1.50 per sitting, \$8 per 100. Order direct from ad or write for circular.

Dr. Wilbur Dace : : Rushville, Illinois

WHITE WYANDOTTE EGGS

From stock that has a winning record at America's largest shows, such as Indianapolis, Pittsburg, Chicago, Springfield, Jamestown exhibition and others at \$5 per 15, \$9 per 30, \$13 for 50, \$25 per 100. We guarantee fertility.

Dippel & Pierce Office 114 North Delaware Street Indianapolis, Indiana

EXCELSIOR R. I. REDS

ROSE AND SINGLE COMB. Breeders of quality at bargain prices. This season's females at from \$5 to \$10; males from \$15 to \$50. Eggs half price. Get our sale sheet.

Excelsior Poultry Farm J. I. Blake & Co., Specialists Galesburg, Michigan

43 Varieties

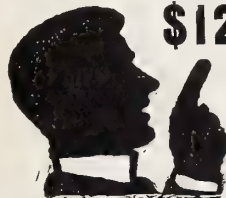
Poultry, squab breeders, fancy pigeons, ducks, geese and eggs. Ornamental birds, wild game, pheasants, pea fowl and dogs. Cut price on Homers. Incubator supplies, etc., freight prepaid. Catalogue 2 cents.

Missouri Squab Co., Dept. R. St. Louis, Mo.

DELVENTHAL'S BUFF ROCKS

Have been bred right for the past fifteen years. Send for free booklet of winnings; mention this paper.

E. L. DELVENTHAL : BUFF ROCK SPECIALIST : Box A, WARRENTON, MO.



\$12,000 From Plain Poultry

IN EIGHT YEARS!

No fake "Secrets," no humbug "System," no cooped fowls, but a PRACTICAL, open-air BUSINESS METHOD of making every hen pay a clear profit of over \$4.00 a year. GRUNDY Fireless Hatcheries and Brooders, Vermin-Proof Coops, Food-Saving Feeders, Dirt-Proof Water Fountains, Hen-Protecting Nests, Lice and Mite-Killers, Chick and Laying Hen Foods and everything you need. Better than any others and cost LESS THAN ONE-THIRD as much. See my free Booklet.

F. GRUNDY, Poultry Expert, -- Morrisonville, Illinois--

A SAFE POLICY

You pay for no spread eagle advertisement or extravagant claims. My reliable champion bred Single Comb Buff and Black Orpingtons must please you or may at once be returned at my expense. Describe your exact wants. :: :: :: :: :: ::

S. LUTTRELL : R. D. No. 1 : WAVERLY, ILLINOIS

32 VARIETIES

of thoroughbred poultry that have the quality to win. At Youngstown, Ohio, I won on Black Langshans 5 firsts, 4 seconds, State cup best display in Asiatics. Silver cup best display, any breed, and A. P. A. Silver Medal for best chl. In Buff and Partridge Cochins, Light and Dark Brahmas, I won in all 7 firsts, 5 seconds, 3 thirds, three A. P. A. Silver Medals for best chks., and 2 Ch. Ribbons. These are only a few winnings in a few varieties. I have most any variety you want. Eggs from stock of equal quality to above. Write me your wants. Mention A. P. J.

W. S. Knox, 1906 South Ave., Youngstown, O.



REGAL WHITE WYANDOTTES

SUMMER SALE LIST.—Free: Send for sale list giving description of 179 breeding males and females I am offering for sale. The choicest lot of breeders ever put on the market. Must be sold to make room for young stock. Price of eggs balance of season, \$2.50 per fifteen; \$4.50 per thirty; \$6 per forty-five.

John S. Martin, Box 51, Port Dover, Can.

if eggs are poisonous for table use when the cockerel is a brother to pullets; if they would be poison to the blood? (2) I would also like to know what is

R. C. Black Minorcas

Eggs at greatly reduced prices and four grand yearling cock birds very reasonable. Prize winning strain.

J. S. Bales, Route 2, Springfield, Illinois

Mineola Strain Buff Wyandottes

L. D. Howell, Mineola, N. Y.

Barred Rock Bargains

Eggs and stock at all times. Sacrifice sale now on. Catalogue free.

Wm. H. Hoover, Route 2, Box 4, Polo, Illinois

S. C. W. LEGHORNS

1,500 head of classy youngsters ready for early shows. Also a few fine breeding hens at reduced prices. White Feather Poultry Farm, H. T. Whitney, Proprietor, Rocky River, Ohio.

J. C. W. Orpingtons

Kellerstrass strain. Bred from choicest matings. Eggs \$3 and \$5 for 15. Young chicks for sale.

Maple Crest Poultry Farm, R. 1, Euclid, Ohio

R. C. and S. C. Reds

Half price on eggs and all my breeders including Toledo and Cleveland winners sacrificed. Write for circular and prices. B. M. Billings, Box A, Oberlin, Ohio

C-U-R-A

ROUP AND CANKER REMEDY

Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. Mention this paper. Send 20 cents in 2c stamps and receive a 50c box by return mail. Agents wanted for open territory. Write for particulars.

C-U-R-A CHEMICAL COMPANY, DEPT. A, AKRON, OHIO

Amatite Roofing

Mineral surface. Needs no paint. Send for FREE Sample.

BARRETT MFG. CO.
NEW YORK : : CHICAGO

A Valuable Poultry Book Free

Filled with valuable information and tells you how to succeed. Thousands are now making big money raising poultry and our book tells you how to do it. We give it FREE to anyone sending forty cents for a trial package of Egan's Peerless Poultry Powder, a guaranteed egg producer. This special offer is for a short time only, so send today.

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan

Eggs 7 Cents

DOZEN

Perfect Portable Poultry House

Affords perfect laying conditions the year round for a dozen hens. Ready built, durable, convenient, two-story, arranged to give standard room inside. Well painted and an ornament to any premises. Useful as a breeding pen, colony house or two-story brooder house. Put together in twenty minutes with wrench furnished. Price, complete with roosts, nests, trough and hopper and with full instructions for care and feeding to produce eggs at seven cents per dozen, \$25.00, freight prepaid. Order today to insure immediate shipment. Send for descriptive circular.

The Owen Company

South St. : Allegan, Mich.
Incubators, Brooders, Shipping Coops, Exhibition Coops

the best feed for young chicks. (3) What is the best cure for gapes, and how to use it? (4) What is a good food to feed laying hens in summer time that are penned up, and should the same be fed when they have free range? (5) What is the best way to break up setting hens? (6) Is it a good plan to use Pratt's Regulator or some other regulator in chicken feed after they are three or four days old, and how much? (7) Should beef scraps be fed to little chicks, and at what age, and how often? (8) At what age should charcoal and oyster shells be put before chicks? (9) Is lettuce all right to feed to little chickens for green food, and at what age should it be fed? Kindly let me know when my year is up for the Journal.

H. F.

New Alexandria, Ohio.

Answer: (1) No. (2) Any of the prepared chick feeds now on the market will do the work. (3) There are several gape cures advertised in these columns. Also in our Hand Book. Price, only 15 cents. (4) Whole wheat and oats and plenty of green food. The same feed can be used when they have free range, but not as large quantities. (5) By confining them in a small slatted coop for a few days. (6) We have never used any regulator, so we are not in a position to say. (7) Beef scraps may be kept before little chicks at all times after they are 10 days old. (8) After they are a week old. (9) Lettuce is one of the best of green foods for little chicks and may be given after they are three days old.

Question: Sprouted oats is said to be very fine food for chickens. Why not also sprouted corn? Sprouted wheat? Sprouted barley? Is Hairy Vetch in the green state good for chickens to graze on? Is the green pea of the Hairy Vetch good for chickens? Chickens are very fond of green rape. Is it good for them?

W. M. J.

Rusk, Tex.

Answer: Corn, wheat and barley cannot be sprouted as successfully as oats. Any green food that fowls will eat is good for them and rape is exceptionally so.

Question: (1) I am breeding the S. C. R. I. Reds, this being my first year in the business. I have about 240 chicks, all healthy and very strong. There are three of this number that tremble or quiver continuously. (2) Is cheese or curd made from sour milk good for chicks? (3) I have a fine male bird and hen, each having a rattling in their throats. What is the cause and will it terminate in anything serious in the future? (4) When a person is breeding utility stock, is it necessary to also keep a few fancy birds to exhibit and advertise the business, or not? (5) What shall a person do to have their birds scored, or, how must they go about it? (6) Which is the cheapest and best way to ship eggs for hatching? (7) How can one dispose of his surplus stock and culls without other people taking advantage of getting same cheap at market prices, etc.; in fact, cheaper than a breeder could sell them? (8) Will one thickness of tongue and grooved boards be enough for siding to keep chicken houses warm? (9) Where can I secure some good plans for building poultry houses for young chicks and laying hens, etc? (10) What is the cause of some of my hens losing their feathers from the top of their heads,

rendering them bald? (11) Last winter some were troubled with sores on their faces and heads. Some pronounced it chicken-pox?

M. M. B.

Owensville, Ohio.

Answer: (1) This is a nervous affliction. There is no cure, but they may outgrow it. (2) Yes. (3) This is probably a little touch of bronchitis. Put a few drops of carbolic acid into a kettle of boiling water, hold the head of the fowls over the kettle and allow them to inhale the steam and fumes. A few treatments will usually suffice. (4) Yes. (5) Exhibit at some show where the judging is done by score card, or have some poultry judge come to your place and score your birds. (6) By express, packed in baskets. (7) Your culls would not do anyone any good, and your good surplus stock you can dispose of by advertising in poultry papers. (8) Yes. (9) Our book, How to Build Poultry Houses, will give you the necessary information. Price, 50 cents. (10) This is usually caused by the male bird, but sometimes by the depluming mite. Use sulphur ointment on the bare places. (11) This was no doubt chicken-pox. You should thoroughly disinfect your place with a 10 per cent solution of carbolic acid to avoid another attack.

Question: (1) Do you think a record of 776 eggs from fifteen Rhode Island Red hens for the five months from December to April, inclusive, a good one, with one hen setting from the 1st of April? (2) One of our hens has great loss of appetite and flesh; also has diarrhoea and droops around all the time. Could you tell us what her trouble is, and what remedy would you prescribe?

G. M.

Perrysburg, O.

Answer: (1) This is not a very good record, as this includes two of the best laying months of the year. This is only an average of a trifle over ten eggs per month per hen. They should have made an average of at least fifteen eggs per hen. (2) This is probably due to liver trouble. Get a copy of our Poultry Doctor for full information about this disease. Price, 50 cents.

Question: (1) Are sunflower seeds suitable food for laying hens? (2) Should Anconas have light or dark colored legs? (3) Are mottled legs an objection in Anconas? (4) Where can a book on judging different breeds be obtained—one that will give authentic information on color, form and general requirements of the show room? (5) Can you give me the addresses of some of the reliable poultry Journals published in Canada? (6) How long can eggs for hatching be kept? (7) What is the best form of packing for eggs to be saved for incubation?

W. H. B.

Brownlee, Sask.

Answer: (1) Yes. (2) Yellow, or yellow shaded mottled with black. (3) No. This is permissible. (4) The American Standard of Perfection is the only authority. The new edition will be out this fall. We are now booking orders for it, and all orders will be filled in rotation. Order now. Price, \$1.50. (5) Canadian Poultry News, Owen Sound, Ont.; Canadian Poultry Review, Toronto, Ont. (6) Best results will be obtained when eggs are not kept over two weeks, but they may be kept much longer. (7) Eggs for hatching purpose should be kept in a dark, cool place, and spread out on trays so that they can be turned each day.

DIFFERENT ABODES OF MAN.

Far off in the frigid zone the Esquimaux builds his house or igloo from blocks of snow. When the short Arctic summer arrives and the sun's rays melt the roofs, the Esquimaux abandons his home.

In the South Sea islands the natives tharch their mud huts with reeds and cane brake. This affords protection from the intense heat of the tropic sun, but when the heavy rains set in it is frequently necessary to build several new roofs in a season.

Among civilized people where permanent and substantial homes are established, it was necessary to get a roof for the home that would withstand the changes of temperature and weather and the fury of the elements.

Various materials have been tried for this purpose, but none seemed to meet the demands until the discovery of the famous Genasco Ready Roofing.

This roofing is made from natural asphalt taken from Trinidad lake on Trinidad island, off the coast of South America. The fact that this asphalt for hundreds of years has withstood the ravages of time and the elements proves its absolute durability.

It is only after years of careful study and experiment that the Barber Asphalt Paving Company, Philadelphia, finally placed Genasco Ready Roofing before the public, and its success was so remarkable that it is now found in almost every quarter of the globe.

But strange to say, despite the advance of modern progress and the perfection of Genasco Ready Roofing, there are many otherwise progressive and up-to-date farmers who, every year, are doing much as the savage in the South Sea islands—going out mending leaks and repairing damage done by faulty and defective roofs.

It is estimated that half the waste and expense caused by defective roofs would cover the cost of a good, sound, permanent roof of Genasco.

IMPROVEMENTS IN CAPONIZING.

Poultrymen throughout the country are very much interested in the caponizing instrument illustrated herewith on which recently there was issued by the United States patent office a patent to Geo. P. Pilling & Son Company of Philadelphia, Pa. With this instrument it is claimed that caponizing is much easier done. The demand for capons is so rapidly increasing that every poultry raisers should caponize all his surplus roosters. It is a well known fact that capons bring nearly double the price per pound than the uncaponized fowl, also by caponizing the fowl it becomes nearly double in weight.

Caponizing is easily learned by little practice. The beginner must go slow at first and learn it just like the use of any other implement. A professional caponizer in New Jersey operated on nearly sixty thousand fowls last year. People who saw him caponize state that with an assistant he can caponize a fowl in a half minute. This is most unusual, but it is very easy for all to learn how to caponize and do it in a reasonable time.

We advise all our readers to write to G. P. Pilling & Son Company, Philadelphia, Pa., mentioning this paper for their caponizing pamphlet. It will be sent free of charge to all our readers who will request it.

YOUNG MAN WANTED.

Undersigned knows of a situation for a beginner in the learning of the poultry business. It is on a farm where all the popular varieties are bred, where everything is ship shape, good board, family treatment, fair wages and a steady increase as the beginner earns it. The learner must be honest, steady, of good morals, willing, and one who in time will make a partner. German is preferred. Write me. A. D. Burhans, Waterville, Minn.

The magazines have lots of articles on "Economy in Dressing," "Dressing on Dimes," etc., etc. They describe the styles but none of them ever tells what materials to get, and it's the material that costs. Do you know any dress stuffs that are pretty, and really cost dimes, not dollars?

ECONOMY.

You can purchase as pretty designs and stylish-looking goods in Simpson-Eddystone Prints as any one can wish and their cost is extremely moderate when you consider their substantial quality and attractive appearance. Their greatest economy is in their non-fading colors and durable material, which makes them wear unusually long. I'm sure you will be delighted with them.

Monmouth Poultry Yards, Freneau, N. J., are offering for sale some of their New York and Boston prize winners, also some grand utility stock at right prices. They breed the noted Monmouth strain of S. C. Buff and White Leghorns. Write and mention A. P. J.

Dr. G. W. Taylor, Orleans, Ind., the well-known Houdan breeder, has just issued his special annual sale list, and he is certainly offering some great bargains in both stock and eggs. Better send for a copy of this list and take advantage of some of these bargains.

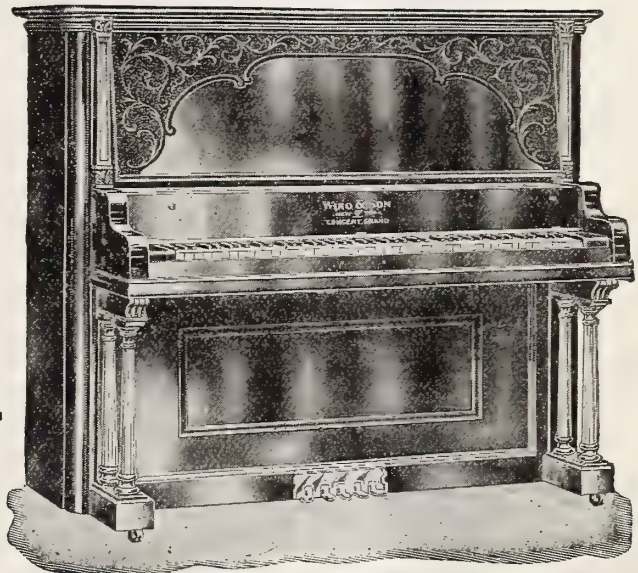
Saturday, May 28, a party of twenty-five or so students of the Department of Poultry Husbandry of the New York State College of Agriculture, Cornell University, visited the farms of W. B. Candee and several other well known central New York poultry raisers and fanciers and inspected the methods of breeding, incubating and brooding being employed. The party was in charge

of Prof. J. E. Rice, the head of the poultry department of the Cornell institution. At the Candee farm the students were shown through the new factory, just recently completed for the Candee Incubator and Brooder Company. They were greatly interested in the new incu-brooder being turned out under the Candee patents and expressed no little surprise at results already attained with the new machine. A thorough inspection of the 10,600 egg machine in use on the farms was made.

Professor Rice, who has for a long time been an ardent admirer of the Candee hot water brooder system, was very warm in his praise of the new machine, and he predicted for it a phenomenal success.

Chas. G. Pape, Ft. Wayne, Ind., who breeds Single Comb Black Minorcas that are noted for their great laying and exhibition qualities, has several choice pens and some good yearling hens that he is offering at bargain prices. Write him and mention American Poultry Journal.

THE
WING
PIANO
Player Pianos
Uprights and
Grands



THE
WING
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Player Pianos
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One of our forty designs

Rock-Bottom!

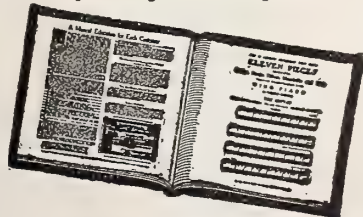
Yes, Rock-Bottom Prices and on a Piano of the HIGHEST Quality

Let us quote you the most astounding prices ever offered on pianos of unexcelled quality. The very rock-bottom prices—prices that would mean ruin to the local dealer or the mail-order houses that buy their pianos from the manufacturer. You will be amazed at the direct-from-the-factory prices on the well-known Wing Piano. We will positively save you from \$150 to \$250 on the purchase of a piano of highest quality, recognized merit. We offer to convince the purchaser by shipping your choice of a piano on approval, all freight prepaid, no money down—absolutely free trial—a four weeks' free trial. **Remember: all freight charges prepaid, no matter whether you keep the piano or not.**

Send for Book of Information FREE! the best, safest, most instructive book of piano-buying information ever compiled; the

Would you like to know all about pianos, how they are made, how to judge the fine points of quality and price in buying a piano? Then send the coupon for the piano book which we are sending out FREE for the present—the book is free.

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WING & SON, Est. 1868, 373-386 W. Thirteenth Street, New York

So many of the new style Wing Pianos are getting into homes where the people buy for all cash, that dealers are trying to tell it around that Wing & SON REFUSES to sell on time. This is not true. We sell for cash OR on VERY, VERY EASY PAYMENTS just as YOU choose after your four weeks' free trial. And many of our wealthy men are buying Wing Pianos right now on our easiest monthly payment plan.

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The Wing Piano stands alone—sold direct from the factory—the only one sold direct from an exclusive piano factory without going through the hands of a single middleman.

When you buy a Wing Piano you pay no salesman's, dealers' or middlemen's profits. You pay no commission to music teachers and supposedly disinterested friends. We cut out all middlemen and you put the discounts in your own pocket. The piano book tells how to save from \$150 to \$250!

This book (156 pages) tells all about material, manufacture, assembling, patented devices and what they do, all about soundboard, action, case, in fact every detail connected with the production of a fine, high grade piano. You will be astonished at the amount of information about piano quality and piano prices, and how to avoid the deceptions of piano salesmen. The New York World says, "A book of educational interest everyone should own." With this book we send our direct-from-the-factory prices on Wing Pianos.

Send Coupon or a letter or postal NOW. Don't miss this opportunity to get the very latest and best piano in.

TO WING & SON
373-386 W. 13th St.
New York City
Gentlemen: Without any obligations to purchase or pay for anything, please send me free and prepaid the book of piano information, the complete encyclopedia of the piano, pieces on pianos, etc., all free, prepaid.

Name.....

Address.....

QUALITY ALWAYS WINS OUT

Winners Madison Square Garden
Single Comb Brown Leghorns
1907 1908 1909 1910

Astoria Leghorn Yards, 240 Jamaica Ave., Astoria, L. I.

S. C. W. Orpingtons

of quality. Eggs after May 15. \$2.50 per 15. W. F. B. Spanish, the best ever. Eggs after May 15. \$1 per 15. Portage Poultry Yards, Geo. W. Gehring, Prop., Elmore, O.

EGGS-EGGS

S. C. W. Leghorns—best egg strain on earth. Will spare a few settings from now on for \$1.75 per 15. A good hatch guaranteed.

A. J. Murphy - Sewickley, Pennsylvania

Battleview Farm Reds

Eggs for hatching that hatch good pure blooded, healthy, vigorous chicks. Write for catalogue. It's free. Battleview Farm, C. R. Applegate, Prop., Freehold, N. J.

Dark Cornish and White Indian Games

Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J. JOHN A. MILLER, NAZARETH, PENNA.

140-EGG INCUBATOR, \$7.55!!

Best ever made. Double walls, copper tank, self regulator, thermometer, egg tester, etc. All complete. Brooder \$4.50. Both \$11.50, freight prepaid. Book free.

Belle City Incubator Co., Box 27, Racine, Wis.

PEDIGREED

Rare quality Silver Laced Wyandottes, Houdans and Indian Runner Ducks. Bred in line over 30 years.

Blue Bell Farm :: Glenview, Illinois

— REDS —

THAT ARE RED :: RICKSECKER'S PERFECTION REDS

Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

T. L. Ricksecker, Red Specialist
Office, 2835 S. W. Boulevard, Kansas City, Mo.
Farm, R. F. D. No. 5 C, Rosedale, Kan.



A live poultry magazine. Full of practical information. A notable series of articles entitled, "Natural Laws of Artificial Incubation," commenced in the April issue. Every poultry raiser should read them. A special offer of 25 cents a year is being made for a limited time to gain new subscriptions, although the regular price is 50c. Write at once, enclosing quarter.

The Happy Hen
225 Oliver Ave., Pittsburgh, Pennsylvania

PATENTS

THAT PROTECT AND PAY

Advice and books free. Rates reasonable. Highest references. Best service.

Watson E. Coleman, Patent Lawyer
612 F Street N. W. : Washington, D. C.

Hot, Filthy Water

Will Kill Your Chicks

By using Weldon's Poultry Fountain you will keep the drinking water cool, sweet and clean. The chicks will not drink so much, because the sun cannot heat it up and it cannot become filthy.

You Will Raise One-Third More Chicks

Remember, it's not what you hatch but what you raise that counts, and one chick lost that would have been a prize winner would pay for a dozen fountains. Send for our free book giving full information.

Andrews Wire & Iron Works
Sub. Station C Rockford, Illinois

MAUD MULLER IN THE CITY.

Maud Muller on a summer's day
Set a hen in a brand-new way.
(Maud, you see, was a city girl,
Trying the rural life a whirl.)
She covered a box with tinsel gay,
Lined it snugly with new-mown hay,
Filled it nicely with eggs and then
Started to look for a likely hen.
Out of the flock selected one,
And then she thought that her work was done.

It would have been, but this stubborn hen
Stood up and cackled "Ko-doot!" and then
Maud Muller came, and in hurt surprise
Looked coldly into the creature's eyes:
Then tied its legs to the box. "You bet
I know how to make you see."
But still it stood, and worse and worse
Shrieked forth its wrongs to the universe,
Kicked over the box with tinsel gay,
And ignominiously flopped away.
Then a bad boy, over the barnyard fence,
Te-heed: "Say, Maud, there's a difference
'Tween hens, you know, and it is that
One says 'Ka-doot!' and one 'Ka-dat!'"
Then Maud recalled that the ugly brute
She tried to set had said "Ka-doot!"
And ever since that historic day
She blushes in an embarrassed way
To think of the bobbie she made once when
She tried to set a gentleman hen.
—Victor Murdock in Wichita Eagle.

C. L. PENSYL SELLS HIS NUGGET
BUFF PLYMOUTH ROCKS.

The Standard Plymouth Rock Farms, Constantia, N. Y., having recently purchased the entire flock of the Nugget Poultry Farm, C. L. Pensyl, proprietor, wish to call the attention of the public once more to the merits of their Nugget Buff Rocks.

There are now in their yards fifteen New York winners, besides many others from Philadelphia, Indianapolis, Scranton, etc. Their flock of young birds number between 1,200 and 2,000. No birds are permitted in their breeding pens which have not first-class shape, color and head points. At the recent New York show the winnings of this flock were: 1st cockerel, 1st pullet, 2d cock and three club specials.

The equipment of this plant is down to date in every respect. For instance, their breeding pens are equipped with 120 trap nests of the most approved type, which are used the year around; each pen has two large grass runs; the brooding house is modern in every feature; and all young stock has abundance of range.

We may well add that the entire time and service of two are given over to the rearing and care of the Nugget Buff Rocks for exhibition purposes. It is with pleasure that we suggest that all interested in Buff Rocks write this firm regarding their stock.

CERTIFICATE OF SALE.

Bloomington, Pa., May 19, 1910.

This is to certify that I have this day sold and shipped my entire flock of Buff Plymouth Rocks to the Standard Plymouth Farms of Constantia, N. Y.

This sale includes all young and old birds and the entire business. I agree not to breed, sell or exhibit this variety in the future and will not offer for sale any eggs of this variety.

All correspondence inquiring for birds or eggs of this variety will be forwarded to the above firm.

I recommend all my customers to this firm, for I have found them gentlemen and thorough fanciers and I feel confident in saying that they will use all customers right and from their present flock should be able to supply any order in Buff Rocks.
(Signed) C. L. Pensyl.

A SATISFIED CUSTOMER.

Sparks, Okla., June 4, 1910.

W. P. Smalley, Shawnee, Okla.

Dear Sir: The trio of White Wyandottes arrived in good shape: both hens layed yesterday and today. Every one that sees them thinks they are the finest chickens they ever saw. After seeing several different flocks and having several catalogues of some of the best breeders, I think it the best \$75 I ever spent. No doubt you have the best Wyandottes in the Southwest, and with such foundation stock as this I think I will get my share of premiums at the shows next year. Yours truly,

C. O. Shanteau.

The annual spring sale catalogue of the Sunswick Poultry Farm, South Plainfield, N. J., is now ready for distribution. If you want a bargain in Single Comb Buff, White or Black Orpingtons you will send for a copy at once.

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct; freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now.

M. M. JOHNSON, CLAY CENTER, NEB.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : : KEY, OHIO

Greenwood & Yeoman's

Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business. Box 1334 - Paterson, New Jersey

HENSON'S S. C. R. I. REDS

Have always won at Cleveland, Lorain and Elyria in hot competition. Eggs, \$3 per 15; \$5 per 30. All stock and eggs guaranteed. R. Henson, R. 2, Oberlin, O.

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Square Garden show; also second hen. Eggs at reduced prices balance of season. Write.

B. A. OAKLEY : BROOKLYN, PENNA.

Thorniley's Anconas

Greatest winter layers ever produced. Strong, healthy, well mottled birds for sale. Circular of stock, eggs and day-old chicks mailed free.

Willard J. Thorniley, Marietta, Ohio

Life Member A. P. A. : Member Ancona Club of America

SINGLE COMB.... LEGHORNS

BUFF Eggs for hatching from America's most phenomenal prize winning and egg producers. Awarded more than

350 prizes in nine different states since 1905. Captured sixty prizes on sixty entries at Chicago, Boston, St. Louis, Cleveland and Indianapolis this season. Ask for our "Gold Bond Proposition."

Peter S. Hurt, R. R. 5, Thorntown, Indiana

Farm Journal

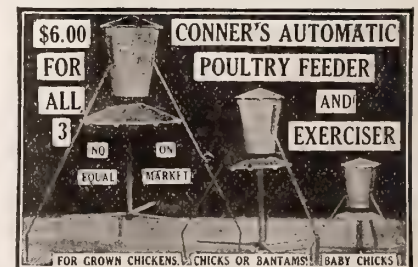
Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper. : :

Wilmer Atkinson Co., Philadelphia, Penna.

BARNETT'S POUL. FARM
BARRED ROCKS

E. B. Thompson pure "Ringlet" strain. All of my pens are scored. Eggs from \$2 to \$3 per setting of 15. Young chicks 25 cents each.

G. A. Barnett : R. R. 1 : Clinton, Illinois

KEEP CHICKS GROWING
BY USING

Solves feed problem and keeps hens laying. Saves time, labor, litter and feed. Send for circular and get the best. : : W. M. Conner, Jersey City, N. J.

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BARGAINS in Partridge Plymouth Rocks, the beauty and utility fowl. Three grand breeding pens at \$10 each. First come, first served. Order direct. G. A. Potter, Ft. Atkinson, Wis. 7-4

THOMPSON AND LATHAM Barred Rock hens, best utility stock at \$1.50 each; yearling cockerels, \$2.00 to \$3.00; cockerels and pullets, 3 months old, \$1.00 each; from my prize winners. J. O. Fairbanks, Forest Hill Poultry Yards, Springfield, Mo. 7-1

BARRED ROCKS, THOMPSON AND LATHAM strains, line bred, deep barred, seven pens. Eggs \$1 to \$5 per setting, both matings. Write for mating list. Satisfaction guaranteed. Fred Dehl, Morrisonville, Ill. 5-3

BUFF AND BARRED ROCK eggs, \$1 and \$2 per 15. H. L. Ragsdale, Centralia, Ill. 5-3

26 EGGS \$1.00, \$3.50 per 100. Thompson's Ringlet strain of pure bred Barred Plymouth Rocks. Frank Moore, Madison, Ind. 6-2

RINGLET HILL POULTRY FARM prize winning Barred Plymouth Rocks. Eggs \$3 a sitting, \$8 per 100. Fred Longnecker, Cayuga, Ill. 6-3

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburg, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr.

BUFF WYANDOTTES—Eggs after June 1st, \$2 per 15 from all pens, including my New York winners. These are bargains. Send orders direct. Mention A. P. J. L. D. Howell, Mineola, N. Y. 6-2

COLUMBIAN WYANDOTTES—Twenty four one-year-old hens and ten one-year-old cocks for sale at \$2.00 to \$3.00 each. Best layers I ever owned. Bred in the purple. Strictly high class birds. Two hundred head young stock coming on for fall and winter shows. L. L. Lucas, P. O. Box 406, Erie, Pa. 6-3

WHITE WYANDOTTES, Duston's strain, good enough, 30 eggs \$1.50, 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

BUFF WYANDOTTES, Simon Beuth's strain, 30 eggs \$1.50, 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

REGAL STRAIN White Wyandotte eggs for sale from prize winners. Large, blocky birds with snow white plumage. Eggs, 15, \$2; 100, \$6. Albert Reed, Clifton Springs, N. Y. 5-4

FANCY BUFF WYANDOTTES—VIGOROUS, great winter layers. Eggs, best pens, \$1.75 for 15. Order direct from this ad. A. W. Welch, Route 9, Madison, Indiana. 5-3

WHITE WYANDOTTES, yearling hens, cocks, eggs. Lowest prices. Dora Dukes, Winamac, Ind. 5-3

WHITE WYANDOTTES, bred, fed and mated right. Eggs, \$2.00 per 15; \$3.50 per 30. They shall please! Hans Olson Rambo, Big Falls, Wis. 5-3

WHITE WYANDOTTES, "Busy Bee laying strain." W. C. Gilmore, 1824 Monon St., Waco, Texas. 5-3

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25, Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-1f

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SINGLE COMB WHITE LEGHORNS. Am one of largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Day-old chicks a specialty. Stock for sale including high scoring birds. Henry Hintermister, Room A, 553 Wabasha Street, St. Paul, Minnesota. 7-1

SINGLE COMB WHITE LEGHORNS, 100 grand yearling hens, \$1.00 each. Wyckoff strain. R. B. Pulis, Box E 163, Ramsey, N. J. 7-1

WANTED—ONE TO THREE hundred White Leghorn pullets. S. W. Linebaugh, Russellville, Ky. 7-1

ROSE COMB BROWN LEGHORNS to make room for young stock, July \$1.00, August \$1.25, September \$1.50. Young stock for sale. L. A. Klock, West Burlington, N. Y. 7-3

ROSE COMB BUFF LEGHORNS—Good layers. Eggs \$3.00, 50. Mrs. A. C. Wilber, Vernon Center, Minn. 6-3

GET EGGS FROM one of the best laying strains in America, also my \$10.00 offer, Single Comb Brown Leghorns. A. F. Lehman, Toulon, Ill. 6-2

SINGLE COMB BUFF LEGHORNS—All eggs balance of season, \$1.50 per 15; \$6.00 per 100. Order today. Choice breeding birds at reduced prices. Westview Poultry Yards, Box A, Machias, N. Y. 6-3

BLANCHARD WYCKOFF SINGLE COMB White Leghorns. 20 eggs, \$1.00; 100, \$3.50; 200 hens \$1.00, this fall. Circular. W. Albers, Lombard, Ill. 6-3

SINGLE COMB WHITE LEGHORNS—Wyckoff and Young's strains, fowls and eggs at reduced prices. J. A. Shineman, Canajoharie, N. Y. 6-3

S. C. WHITE LEGHORN BARGAINS remainder of season. Eggs, chicks, breeders any quantity. Write quick. Jas. H. Robey, Box 62, Fairfield, Ill. 5-3

OUR ROSE COMB BROWN LEGHORNS won three years at Chicago. Pullets lay at 4½ months old. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

SINGLE COMB WHITE LEGHORNS bred to lay, strain of vigorous beauties. Eggs, \$1 per 15; \$2 per 35; \$2 per 55. Infertile eggs will be tested out. This means every egg you get from me will be hatchable. No guess work here. Good size light boxes and cork packing will be used in shipping. This furnishes cushion and even temperature. D. P. Crowley, Lock Haven, Pa. 4-4

SINGLE COMB BROWN Leghorn eggs, hens score 92 to 94%. Wiebke's strain, 15, \$1.50; 30, \$2.50. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

ORPINGTONS.

BLACK ORPINGTONS—We are sold ahead on Black Orpington eggs, until June 15th. After that date we will sell Black Orpington eggs, from our splendid farm-bred stock at half price. From our best pens, eggs that were formerly \$5.00 per setting, reduced to \$2.50; \$17.50 per 100. Eggs from grand utility stock, formerly \$2.50 per setting, reduced to \$1.25; \$9.00 per 100. Large, healthy, vigorous birds, housed in fresh-air houses, great layers and prize-winners. Granis Brothers, R. F. D. 12, Lagrangeville, Dutchess Co., N. Y. 1-10-1 yr.

CRYSTAL WHITE ORPINGTONS. Stock for sale. Can spare a few birds hatched from eggs purchased this spring direct from Kellerstrass at \$3 each. Shawmut Poultry Farm, Shawmut, Ark. 7-1

LOOK! OUR EGGS NOW HALF PRICE—We hatch all year with good results—so can you. Also sell grand breeders now to make room for youngsters. This includes some of the Buffs that won Judge Stanfield's Challenge Trophy for best Buffs shown last year at Madison Square, Chicago, Cleveland, etc. Our Whites and Blacks are the best in the world. Send for sale bulletin A-A. Cheviot Farms, Cincinnati. 6-1

SINGLE COMB WHITE ORPINGTONS—Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

SINGLE COMB BUFF ORPINGTONS—Score 90 to 94½ by Russell and Helmlich; half price, good, \$3.00 bird for \$1.50, and so on. R. M. Seward, Lewistown, Ill. 6-3

SPECIAL PRICE on White Orpington eggs from eight select pens. No better to be found. See display ad on another page. Brookdale Farm, Hillsdale, Mich. 5-10-1f

KELLERSTRASS STRAIN CRYSTAL White Orpingtons. Choice stock and eggs for sale at reasonable prices. Mrs. A. D. Hanna, Big Rock, Ill. 7-3

COOK'S STRAIN S. C. BUFF ORPINGTONS for sale; 34 hens at \$3 each; 3 cocks at \$5 each. B. W. Bassett, Little Sioux, Iowa. 7-1

MUST SELL TO MAKE ROOM—Buff, White and Black Orpington Breeders. No better quality, no better bargains anywhere. Write for particulars. W. H. Nation, Muncie, Ind. 7-3

S. C. BUFF ORPINGTONS, good as any; 30 eggs \$1.50, 60 eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

SINGLE COMB BUFF, BLACK, White and Rose Comb White. Won hundreds prizes. Eggs; pens with baby chicks; breeding stock. Big reductions in prices, now! Dr. Evans, LeGrand, Iowa. 6-3

BUFF ORPINGTONS—We are sold ahead on Buff Orpington eggs until June 15th. After that date we will sell Buff Orpington eggs from our splendid farm-bred stock, at half price. From our best pens. Eggs that were formerly \$5.00 per setting, reduced to \$2.50; \$17.50 per 100. Eggs from grand utility stock, formerly \$2.50 per setting, reduced to \$1.25; \$9.00 per 100. Large, healthy, vigorous birds, housed in fresh-air houses. Great layers and prize-winners. Granis Brothers, R. F. D. 12, Lagrangeville, Dutchess Co., N. Y. 1-10-1 yr.

WHITE ORPINGTON EGGS FOR HATCHING. Pen No. 1 headed by that grand big cockerel that won 1st at the great 1910 Philadelphia Show. This cockerel is a wonder in type; big, broad, long back; deep, full breast; extra short shank, and is the best White Orpington I could buy at any price. Mated to four hens that I believe are equal to any four hens owned by any one breeder in America. They have the true Orpington shape, very deep bodied, deep full breast, extra short in shank. Will spare a few settings from this grand pen at \$10.00 per 15 eggs. Pen No. 2 headed by one of Mr. Kellerstrass' best birds, mated to ten extra low down, grand type hens, the kind you are all looking for. Eggs from this pen, \$3.00 per 15 eggs. I paid Mr. Kellerstrass \$30.00 per setting for these same eggs. Ten years a breeder of Real Orpingtons. Member National White Orpington Club. Member first Orpington club of America. Ed. Biederstadt, Majestic Theatre, Madison, Wis. 5-3

KELLERSTRASS WHITE ORPINGTONS—wonderful layers; 15 eggs \$2.50. Mrs. John Stokes, Route 4, Kankakee, Ill. 5-3

HAMMETT ORPINGTON FARM, Buff, Black, and White Orpingtons, stock and eggs a matter of correspondence. Chas. Hammett, Mgr., Mansfield, Ohio. 6-1

WORLD'S BEST ORPINGTONS. White, Buff, Black, Single, and Rose Comb. Winners of over 1,200 prizes at America's best shows. Catalogue. We can start you right with chicks or eggs. J. S. Haupt, Box 97, Fairview Farm, Easton, Pa. 5-3

SINGLE COMB WHITE AND BUFF ORPINGTONS—Byers and Kellerstrass strain. Fine young stock and eggs for sale at reasonable prices. Also Light Brahmas, cockerels and pullets, for sale from first class stock; eggs in season. Write me your wants; satisfaction guaranteed. M. J. Thompson, Buena Vista, Allegheny Co., Pa. 2-6

SINGLE COMB BUFF ORPINGTONS—"The Golden Nugget Strain." We showed six consecutive weeks and won 90 per cent of the prizes, which I think is one of the best showings that can be made in the West. Our mating list will be ready February 10. A postal card will bring it to you. Two pens of high scoring prize-winners. D. W. Boydston, Nevada, Ia. 10-09-1 yr.

FOR THE BEST ORPINGTONS, all varieties, you must send to their originators. Send 6c for illustrated catalogue. William Cook & Sons, Box A, Scotch Plains, New Jersey. 5-09-1f

HIGH SCORING FISHEL White Rock eggs, \$1.00 per setting, remainder of season. Merton Cox, Manchester, Iowa. 6-3

SINGLE COMB ORPINGTON Eggs. Buffs, \$1.00 per 20. Whites, \$1.50 per 15. Breeding stock. Wm. Risley, Smith's Landing, N. J. 6-3

ORPINGTONS.

SINGLE COMB BUFF—Black, White and Rose Comb White Orpingtons; scored cockerels, scientifically mated breeders. Eggs, \$1.50 to \$5. Hens with baby chicks, \$3 to \$8. Dr. Evans, LeGrand, Iowa. 6-3

SINGLE COMB WHITE ORPINGTONS—Day-old chicks for sale. Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

RHODE ISLAND REDS.

SPECIAL SUMMER SALE—Fifty R. C. Red hens \$2 each, six males \$3 and \$5. Rare chance for some one. Hatching eggs, half price. Edw. S. Lambrite, Box 50, Erwinna, Pa. 7-2

S. C. RHODE ISLAND REDS. 2,000 pullets, hatched February and March, now laying and will lay throughout fall and winter months. Utility birds for sale; prices reasonable, quality considered. Choice cockerels and pullets ready for the early fall shows. "It pays to buy the best." Maplecroft Farms, J. G. Dutcher and H. D. Warner, Mgr., Pawling, N. Y. 7-3

ALL MY SINGLE COMB RED breeders for sale at reasonable prices. Eggs remainder of season One Dollar. Harry R. Crane, President Illinois Branch National Single Comb Red Club. Grafton, Ill. 7-2

ROSE COMB RHODE ISLAND REDS—A few bargains this month in some of my prize-winners. As good as the best. Mention American Poultry Journal. Edwin W. Bogert, Port Washington, N. Y. 6-2

ROSE COMB R. I. REDS. Eggs from high scoring stock, \$2.00 per 13. H. H. Smith, Rutland, Vt. 6-2

S. C. RHODE ISLAND RED, standard bred. Will please anyone. Thirty eggs \$1.50, sixty eggs \$3.00. Martin Michelson, 232 Fifth St., Aurora, Ill. 6-3

S. C. RHODE ISLAND REDS exclusively. A few eggs from choice well mated stock at \$1.50 15. March and April hatched cockerels after August 1. Pure bred, healthy, vigorous stock. Mrs. Lorinda B. Hyde, Marshfield, Mo. 5-3

ROSE COMB RED eggs from prize winning pen. Pure Lester Tompkins strain. Satisfaction guaranteed. Dr. W. C. Bradshaw, Ogden, Iowa. 5-3

CORNISHQUALITY Reds are the world's best Reds. Satisfaction guaranteed. Advertisement inside front cover. 5-10-1f

SINGLE COMB RHODE ISLAND Red cockerels for sale. Score 92½ to 94. Eggs, special, \$3; utility stock, \$2 and \$1 per set. M. M. Wilder, Box 223, Lexington, Illinois. 5-3

RHODE ISLAND WHITES.

MY PRIZE PENS of Rhode Island Whites at half price, to make room for young stock. Send stamp for catalogue, all about Dry Hopper Feed. C. A. Foster, Colonial Poultry Yards, Akron, Ohio. 7-3

MINORCAS.

SINGLE COMB BLACK MINORCAS—Northrup strain, prize stock, 15 eggs, \$1.25; 30, \$2.00. Wm. Schreck, Waterloo, N. Y., Box 619. 6-2

MEISELBACH WHITE MINORCAS. Eggs half price now. Fine breeding stock for sale. Harry Meiselbach, Melrose Park, Ill. 6-1

HEAVY SINGLE COMB BLACK MINORCAS. Before placing your order for eggs write me for circular. Elmers, 4045 Lee Ave., St. Louis, Mo. 5-2

S. C. BLACK MINORCAS, the kind that lay those large white eggs. A few more settings of eggs to spare from prize winning pens. Write for special prices this month. Ben W. Wilhite, Crawfordsville, Ind. 5-2

ROSE AND SINGLE COMB White Minorcas for sale. Peter M. Wilson, Cold Spring, N. Y. 5-3

BEST DISPLAY AT CHICAGO, also at Buffalo International on Rose Comb White Minorcas. Eggs for sale. Fred Alger, Waukau, Wis. 5-3

HOUDANS.

HOUDANS—15 YEARS EXCLUSIVE breeding of this superb strain of fowls. Stock and eggs always for sale. Get your stock and eggs from a specialist and you get the best. Louis Faller, Newton, Illinois. 7-3

"FAULTLESS" HOUDANS—Eggs now half price. \$1.00 and \$1.75 per 15. Fertility guaranteed. W. C. Snider, Kansas, Ill. 6-3

HOUDANS—15 eggs \$2; dark pullets for sale. Laura B. Reiff, Idaville, Ind. 5-3

ANCONAS.

ANCONA EGGS FOR HATCHING. Bred for exhibition and heavy winter laying. H. L. Reat, Charleston, Ill. 5-3

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SILVER PENCILED HAMBURGS, line bred for thirteen years. Originator of the "Black Diamond" strain. First cockerel, 1st pullet at Madison Square in my yards. Three times as many firsts and specials at Columbus, Greenwich, Mansfield, New London and Detroit as all competitors combined. Eggs now, 15 \$1.25, 30 \$2.50. Circulars free. Show birds and breeders. Will L. Clark, Sullivan, Ohio. 2-10-1f

LANGSHANS.

"PEERLESS" WHITE LANGSHANS. Special clearance sale, including high scoring exhibition birds at reduced prices. Eg's and stock. Kearns-Preston Poultry Plant, Ripley, O. 7-1

BLACK LANGSHANS exclusively, standard bred. Eggs, 15, \$1.50; 100, \$5.00. Mrs. M. L. Shroyer, New Windsor, Ill. 5-3

COCHINS.

MY PARTRIDGE COCHINS won 20 regular and 5 special premiums, also 3 silver cups at 2 shows. Pen score 187 by Tucker. Breeders for sale. Amos Fulk, Kendallville, Ind. 7-3

BANTAMS.

BUFF COCHIN BANTAMS at greatly reduced prices. Kearns-Preston Poultry Plant, Ripley, Ohio. 7-1

"YELLOW JACKET" BUFF COCHIN BANTAMS are undisputed champions. Eggs from finest exhibition matings \$3 per setting, two settings, \$5. Choice stock for sale. Elbridge Bantam Yards, Box B, Elbridge, N. Y. 6-3

AMERICA'S GREATEST BANTAM BREEDERS. Send 2c stamp for circular. Egg orders booked now. Japanese, Sebrights, Cochins, Games, etc. Silver cup winners. Address, Penn of Delavan, Wis., Box 37. 8-1f

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1-yr.

SPANISH.

WHITE FACE BLACK SPANISH—Best in America. Eggs, \$1.25 for 15. Stock for sale. Satisfaction guaranteed. Circular free. M. H. Lindsey, Northville, N. Y. 6-3

BUTTERCUPS.

H. V. MEEKER, TOLEDO, OHIO, has a carefully selected strain, special prices. 7-3

FOR BEAUTY and the production of eggs this breed has no competitors. Descriptive circular free. G. W. Weitz, Wampum, Pa. 5-3

ANDALUSIANS.

BLUE ANDALUSIANS—Exquisitely beautiful. Winners everywhere. New York, Jamestown, Baltimore, Washington and Richmond. H. Council, Warrenton, Va. 11-09-7mos.

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BABY CHICKS—From Standard S. C. Rhode Island Reds, Buff Orpingtons, White and Buff Wyandottes, S. C. White Leghorns. Any kind, 10 cents for all you want. Can be shipped safe 2,000 miles. When not sending an order enclose stamp or no reply. No Postals answered. Aurora Hatchery, 232 Fifth St., Aurora, Ill. 7-3

BABY CHICKS. S. C. W. Leghorns. Best strains, \$8.00 100; 2 weeks, \$15.00; 4 weeks, \$20.00; pullets, 40c; cockerels, 10c. Jas. M. Porter, Bloomville, N. Y. 7-1

CHICKS—Single Comb Brown, Buff and White Leghorns, Buff Orpingtons, Reds, Hamburgs and Partridge Wyandottes. Pure stock guaranteed. Circular. Wyngarden Hatchery, Vriesland, Mich. 7-1

BABY WYANDOTTES, all colors, high scores, strong chicks, great layers. Arrival guaranteed. Roy Bowers, Sycamore, O. 5-3

BABY CHICKS, FAMOUS SUNFLOWER strain of Barred Plymouth Rocks and Brown Leghorns. Greatest bargain out; \$10.00 per hundred chicks. Order quick. Mrs. W. F. Cristman, Sunflower Hatchery, Scottsville, Kan. 5-3

BABY CHICKS FROM PRIZE WINNERS. White, Buff, Black Orpingtons; White Wyandottes; R. I. Reds; S. C. White Leghorns; Barred Rocks. Write Fairview Hatchery, J. S. Haupt, Easton, Pa. 5-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind, strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-8

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns. The hatched-right kind, strong, vigorous chicks that will grow. Incubator eggs a specialty. Free booklet. Address, L. M. Headman, Upper Black Eddy, Pa. 2-10-3 mos.

GAMES.

PIT GAME CORNISH INDIAN Exhibition Game; 30 years breeder. Wesley Lanus, Greensburg, Ind. 7-3

GAMES, GAFFS, COCKERS' SUPPLIES. Stamp for illustrated catalogue. H. P. Clarke, Mansure Building, Indianapolis, Ind. 9-09-1-yr

DUCKS.

PRIZE WINNING STRAIN Indian Runner ducks from imported stock. Drakes, fawn head, and tail. Eggs, \$1.25, 11; \$5, 50. Oak Grove Farm, Box A, Peoria, Ill. 6-3

INDIAN RUNNER DUCKS, fine laying strain. Eggs, \$1.25. Mammoth Pekin Ducks, old birds, weighing 22 lbs. Eggs, \$2.00. G. Ryder, Converse, Ind. 5-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1-yr

FIFTY WHITE MUSCOVY DRAKES and 1000s. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1-yr

ROUEN DUCKS, CHOICE EXHIBITION stock with size and quality. Eggs, \$2 per 12; \$5 per 36. Address Edw. Davidson, Box 18, Carey, O. 12-09-1f

TURKEYS.

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 808. 2-1f

SEVERAL BREEDS.

BARRED ROCK AND BROWN LEGHORN chicks, \$10 per hundred. Mrs. F. Unger, R. 1, Lewisburg, Ohio. 6-3

1910 BREEDERS' SALE—Black Orpingtons and R. C. Reds, 6 pens of Blacks of the finest quality great layers, true Orpington shape and no purple producers of show winners. None over 2 years. Three pens Rose Comb Reds, Tuttle, Sibley and Chase birds, very fine. If you want quality, please write me. T. A. Noonan, Wyoming, O. 5-3

ROSE COMB, BUFF, ROSE, AND SINGLE Comb White Orpingtons, Rose Comb White Minorcas. Eggs reduced. Breeders for sale. B. Wenk, Washington, Ill. 5-3

INDIAN GAME AND WYANDOTTE SPECIALIST. White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden, Partridge, Buff and Columbian Wyandottes. Catalogue and winnings. H. J. Hunt 3rd, Bethesda, Md. 12-09-1-yr

PHEASANTS.

15 VARIETIES PHEASANTS. Prices on application. Illustrated booklet on pheasant raising, 10c. H. W. Myers, K St., Tacoma, Wash. 7-3

PHEASANTS, Wild Ducks, Geese, etc. Write for prices. Wallace Evans Game Farm, Oak Park, Ill. 3-1f

PHEASANT EGGS—I am now booking orders for eggs of several varieties of these beautiful birds. Write for prices. Wallace Evans Game Farm, Oak Park, Ill. 3-1f

PHEASANT FOOD—I manufacture a full line of foods for the successful raising of Pheasants, Wild Ducks, Turkeys, Grouse, Quail and Partridges. Don't make a failure again this year by using home-made or inferior foods. Use the foods I offer which are exactly the same as are used on my farm, the most successful game farm in this country. Wallace Evans Game Farm, Oak Park, Ill. 3-1f

RABBITS.

LOP EAR and Flemish Giant rabbits from best imported stock. Send four cents in stamps for illustrated circular. David Street, Belmont, Allegany County, New York. 7-3

BELGIAN HARES.

PEDIGREED BELGIAN HARE, Collie Puppy and Leghorn. Catalogue free. Hare book, 5 cents. Failing Poultry Farm, La Fargeville, N. Y. 7-3

BELGIAN HARES. Best quality. Win and please everywhere. A. Ziegler, Box 81, Bippus, Ind. 7-3

GET MY PRICES of Red and Black Belgian Hares and save money. Ray Rickard, Schoharie, N. Y. 7-2

PEDIGREED RED BELGIANS cheap. Clyde Perkins, Federal St., Bristol, Conn. 6-2

DO YOU WANT QUALITY in Rufus Red Belgian Hares? Jos. R. Counihan, Grandview St., Wheeling, W. Va. 3-10-1-yr

PIGEONS.

MONEY IN SQUABS? Well, I guess! Start with our prolific Jumbo Homers, and success is assured. Send for illustrated printed matter that tells you how. Providence Squab Company, Providence, R. I. 7-3

HOMERS FOR SQUAB breeding, mated birds. Prices cut to \$1 per pair. Catalogue 2 cts. Missouri Squab Company, St. Louis. 6-3

FOR SALE—PIGEONS, all varieties. Catalogue free. Jos. Schroer, 1305 Benton St., St. Louis, Mo. 5-5

I OFFER GUARANTEED mated Homers, in any quantity, at \$1 per pair, and challenge squab companies or dealers to produce better stock at twice this price. Beautiful White Homers, \$1.50 pair. Get my prices on Runts, Carneaux and Maltese Hens, and save dollars. Charles A. Gilbert, 1563 East Montgomery Ave., Philadelphia, Pa. 4-4

PIGEONS?—Thousands of them, all known varieties. Prices free. Illustrated descriptive book tells all you want to know, one dime. Wm. A. Bartlett & Co., Box 13, Jacksonville, Ill. 3-1f

FINE JACOBINS, TUMBLERS, POUTERS, speedy Homers, large Squab Raisers, Birmingham Rollers and English Fantails for sale to close out loft. P. Newcomb, Box 355, Cedar Rapids, Iowa. 10-09-1f

FERRETS.

TRAINED FERRETS; ferret harness; muzzles; perforated sacks; rabbit net; ferret and pheasant books; catalogue free. Wallace & Son, Lucas, Ohio. 9-09-1yr

5,000 CHOICE WHITE AND BROWN ferrets. Illustrated book and price list free. Levi Farnsworth, New London, Ohio. 11-1f

DOGS.

FOR SALE or will exchange for S. C. Black or White Orpingtons, or White Wyandotte hens, 4 male, 4 female Pointer pups and good foxhound. H. Baker, R. F. D., Kankakee, Ill. 7-1

BEAGLES, FOXHOUNDS, POINTERS. Collies. Pups and trained stock. Trial. Box 6, Codorus, Pa. 7-1

FOX TERRIER DOGS. Best ratters, pets and watch dogs on earth. Circular. W. G. Smith, 22 Moore Pl., Detroit, Mich. 7-3

FOR SALE—Scotch Collie puppies. J. F. Woomer, Millersburg, Pa. 7-1

A LITTER OF QUALITY bred Collies now ready from "Bellfield's Queen," sire Pont Monney, fine markings, golden and silver sable, price right. W. E. Stanfield, Hillsdale, Mich. 6-10-1f.

COLLIE PUPPIES—Registered stock, \$5. Catalogue free. Failing Poultry Farm, La Fargeville, N. Y. 6-3

GOLDEN SABLE COLLIES, Rosco Kennels. Howard Ross, Mgr., R. No. 5, Blanchester, Ohio. 10 09-10mos

MISCELLANEOUS.

YAKIMA INDIAN RESERVATION OPENING. 1,000,000 acres Government land to be opened for settlement. Now being appraised and classified. Government Irrigation Canals furnish water for cultivation. Maps and illustrated booklet containing information regarding how to procure land in reservation are ready, and will be mailed postpaid upon receipt of 50c. Reservation Information Bureau, 819 Postoffice Bldg., North Yakima, Wash. 7-1

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Have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned. Eggs, \$4; two settings, \$7; three settings, \$9.50; four settings, \$12.

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BARGAINS in females from exhibition matings. 100 utility hens for sale, \$1 and \$1.25 each. Eggs half price.

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are the kind that will hatch you winners and heavy layers. If you want eggs in single setting or thousand lots, it will pay you to send for it. If you are interested in the best in S. C. W. Leghorns, send for mating list and catalog now.

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Will save your chicks from LICE AND MITES. If your dealer does not handle it, send direct to us. 200-lb. sack, \$2; freight prepaid east of the Missouri. For further information, address

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Six extra fine breeding pens for sale headed by Chicago winning males at special bargain prices.

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Hold the world's show record and are known the world over as the great color strain. Eggs for hatching from noted winners.

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We will sell eggs from our best pens of Buff and Black Orpingtons during months of July and August at \$2 per setting of fifteen.

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Eggs at Half Price—For the balance of the season I will sell eggs from my best pens at \$1.50 and \$2.50 per fifteen. Mating list. They are pure Graves Strain. : : : : : : : : : :

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HALF PRICE EGG SALE

My birds have won at Pittsburg, Boston, Chicago, Ontario, Indianapolis and many other shows where the best Wyandottes in America were in competition. My birds always win. I know how to breed winners. My best eggs now only \$2.50 per fifteen. Stock for sale cheap.

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EGGS, \$1 PER 15; \$5 PER 100. ROSE Comb Brown Leghorns a specialty; also other Leghorns, Wyandottes, Minorcas, Hamburgs, Langshans, Brahmas, Reds, Rocks, Spanish, Turkeys, Ducks, Geese and Bantams. Won 149 prizes Indiana State Fair, 1909. Circular free. CHAS. SMILEY, R. 10, Judson, Ind. 1-10-1yr




S. C. BUFF ORPINGTONS — PENS headed by cocks and cockerels scoring 93%, 93½ and 91½. Hens and pullets up to 94½. Eggs for balance of season, \$1.50, per 15, \$2.50 per 30, \$5 per 60. A few hens and pullets still left for sale, \$2 each. Let me take your order for nice pen of 4 pullets and cockerel for fall and winter exhibition, price \$12. May bring you \$50. Selections will be made according to rotation of orders. Birds are scoring better every year. My sales on eggs for hatching have brought many compliments.

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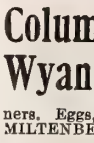
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Columbian Wyandottes

Port Jefferson, New York

AND COLUMBIAN PLYMOUTH ROCKS. Eggs from prize winning matings balance of season, \$2 per 15. Eggs booked for delivery after April 1. L. H. DAVIS, 9-09-1yr

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prices to make room. Males \$2 to \$5. Hens and pullets \$1.50 to \$3. Circular free. CASCADE POULTRY YARDS, Wm. Neiers, Prop., Cascade, Iowa 11-09-1yr

LICE

Water Street, Elmira, New York. 11-09-1yr

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10 cocks and 200 hens of high breeding quality for sale in any number. You will need these birds to get good quality and strong chicks next season. A fine lot of two weeks old chicks for sale at 50c each.

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For poultry is a high grade milk albumen and a very profitable poultry food. \$3 per 100 lbs. or \$7.50 for 300 lbs Harding's "Baby Chick" Food, the kind that gives best results. \$2.50 for 100 lbs. or \$7 for 300.

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Hartman Stock Farm Poul. Yards COLUMBUS, OHIO

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale. Day old chicks from our best stock for sale from March 15 to June 1.

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WHITE WYANDOTTES, BARRED ROCKS, ORPINGTONS, LEGHORNS, BRONZE AND NARRAGANSETT TURKEYS, EMBDEN, AFRICAN AND CHINESE GEESE, MUSCOVEY, PEKIN AND ROUEN DUCKS. 600 selected fowls for sale. Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland show, January, 1910. Write your wants to

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EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

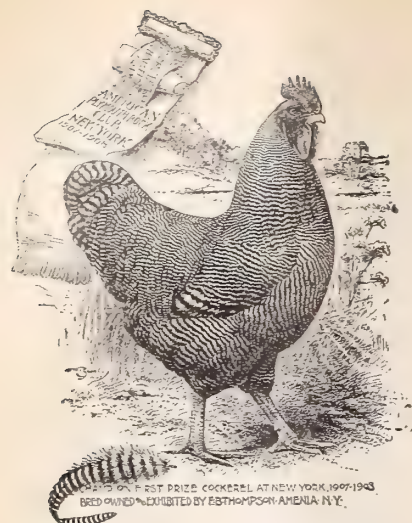
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Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

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First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

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"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS

—AT—

New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

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At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ckl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality. Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois

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Is recognized by the leading poultrymen of the United States as the best, simplest and most practical Automatic Feeder and Exerciser on the market. It is GUARANTEED to be absolutely R.A.T., SPARROW and WEATHER proof. The same machine will feed four-weeks-old chicks, growing stock and breeders or flocks. Saves its cost in feed and labor six times a year. Increases egg production, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Very simple in construction and operation; will not get out of repair and will last a life time. Send for our booklet explaining our 30-day free trial offer. We will also mail our Barred Rock or Light Brahma catalogue for 10c in silver or stamps. State which breed you want. But the Feeder booklet is free. Ask for it. Address River Home Poultry Yards, Box B, Perrysburg, Ohio

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AUGUST, 1910

NO. 8

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PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
Eggs for Hatching : : : Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

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EGGS AT HALF PRICE

BARGAIN PRICES OF EGGS—General run, (i. e. eggs from all pens), \$2.50 per 15; \$4.50 per 30; \$6 per 45, \$12 per 100. If from pens of your own selection, \$5 per 15; \$9 per 30; \$12.50 per 45. These eggs are from my regular pens as shown in my mating list. If you are just starting in the poultry business or are a breeder and need some new blood in your flock, here is the opportunity of a life time. "PERFECTION"—weight 10½ lbs. My noted prize winner, as well as a large per cent of my best exhibition birds were June hatched. Give your chicks plenty of shade and watch the results. All orders for eggs filled promptly. My handsome illustrated mating list is free for the asking.

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**White Ply. Rocks : : R. C. R. I. Reds
Bearded Golden Polish**

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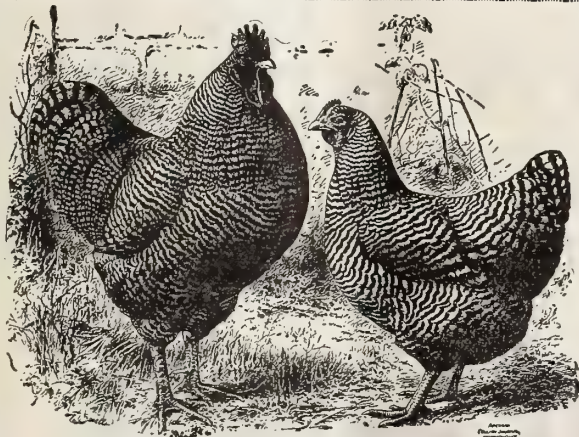
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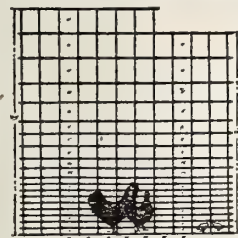
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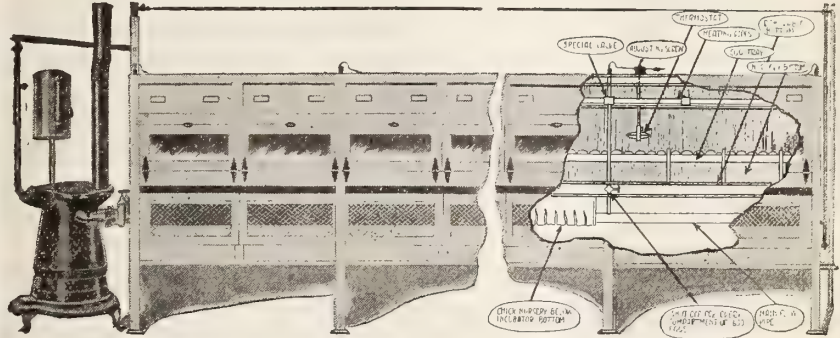
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Do you know that Kellerstrass Strain Crystal White Orpington chickens brought a return of \$38 per bird for six months' time?

Do you know that Kellerstrass Strain Crystal White Orpington hens are snow-white and weigh 9 and 10 lbs.?

Do you know that one Kellerstrass Strain Crystal White Orpington produced 111 chicks in 12 months' time?

Do you know that you can gather one egg from each bird per day from the Kellerstrass Strain of Crystal White Orpingtons?

Do you know that one Kellerstrass Strain Crystal White Orpington produced 151 chicks in 12 months' time?

Do you know that a breeder of the Kellerstrass Strain of Crystal White Orpingtons had to return \$1000 for orders that they were unable to fill during the past season?

Do you know that one Kellerstrass Strain Crystal White Orpington produced 156 chicks in 12 months' time?

Do you know that 30 Kellerstrass Strain Crystal White Orpington hens produced over \$1000 worth of stock and eggs this past season?

Do you know that one Kellerstrass Strain Crystal

White Orpington produced 300 chicks in 12 months' time?

Do you know that Kellerstrass Strain of Crystal White Orpingtons made a net profit of \$20 per hen in 12 months' time?

Do you know that Kellerstrass Strain of Crystal White Orpingtons weigh 4 lbs. each at 14 weeks' and 4 days' old?

Do you know that a pen of 5 Kellerstrass Strain Crystal White Orpingtons, consisting of 4 females and 1 male bird, produced \$436 in 12 months' time, and the original pen left on hand?

Do you know that 11 of Kellerstrass Strain Crystal White Orpingtons laid over 913 eggs in 4½ months' time?

Do you know that Kellerstrass Strain of Crystal White Orpingtons, when 5 months' old, would set on their own eggs and hatch them?

Do you know that from 18 Kellerstrass Strain Crystal White Orpington hens and pullets, over \$200 worth of eggs were sold in 12 months' time?

Do you know that Kellerstrass Strain of Crystal White Orpington chicks 2 months' old sell for over \$2.50 each?

Do you know that Kellerstrass Strain of Crystal White Orpingtons lay when 3½ months' old?

Do you know that out of over \$200 worth of Kellerstrass Strain Crystal White Orpington chicks, there were only 3 died?

Well, if you do not know all of the above things, we are going to tell you about them, and if you are interested at all you will find that this is the greatest advertisement you ever read.

The answer and full particulars to the above will be published in this journal next month, regardless of how many pages it will take to tell the story

So be sure and preserve this ad. Lay it away where you can put your hands on it next month when you read this journal. It will be the most interesting thing you have ever read in your life. It will give the "doubting Thomases," and the old-time moss-back breeder, and the fellow who knows it all, something to think over.

KELLERSTRASS FARM
98 WESTPORT ROAD KANSAS CITY, MISSOURI

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars, The Elwood M. Pusey Co., East Liverpool, O.

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous, farm raised birds and persistent layers. Some year-old hens and young stock for early delivery. Free catalogue.

O. E. MICHAEL, R. R. 6, DAYTON, OHIO

Ringer Barred Rocks

Ringers in the best shows in Ohio, 1909-10. Eggs and stock for sale. Free circular.

H. Burkholder : Clyde, Ohio

Barred Ply. Rocks...

Fine cockerel bred hens and pullets at reduced prices. Eggs \$1.50 per 15.

Oscar Wurtz : : Edinburg, Ind.

Golden Wyandottes

Simmons strain. Winners at N. Y., Boston, Chicago.

Simmons Bros. Box 880 Stockton, Illinois

SPECIAL SALE

Poertner's "Wingold Strain" of Buff Wyandottes, Buff Orpingtons and Buff Rocks. Everything at 1/2 real value. Satisfaction. : : Fred A. Poertner, R. 6, Berea, Ohio.

White Rock and White Wyandotte

Breeders for sale from our choice matings at very reasonable prices. Remember we breed blue ribbon winners at Madison Square Garden and Boston shows. Write for information to

Rockandotte Farm, Route 3, Southboro, Mass.
W. R. Graves : : Mrs. S. H. Graves



THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices. Clipper Lawn Mower Co., Dixon, Ill.

POULTRY IN VIRGINIA

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LEBLANC, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls—Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe, sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."

O. E. STOCK FOOD CO., 316 Traders Bldg., Chicago

Poley's World's Best Buff Rocks

Breeders for sale at reduced prices to make room for young stock and show birds for the early shows. Write your wants.

John W. Poley

President of the American Buff Rock Club

Royersford, Pennsylvania

R. & S. C. RHODE ISLAND REDS

Eggs ONE-HALF PRICE and sale of breeding stock for balance of the season. Write for mating list giving OUR NUMEROUS WINNINGS.

LONGFIELDPOULTRY FARM - BOX 321 - BLUFFTON, INDIANA

BUFF ORPINGTONS

Eggs balance of season at half price. Send for list. 25 yearling cocks and 300 females for sale; all from my well-known strain of trap-nested layers.

A. E. MARTZ : BUFF ORPINGTON SPECIALIST : ARCADIA, INDIANA

Single Comb White Leghorns and Rose Comb Rhode Island Reds

Our birds are better than ever, and to prove it, look up my winnings at Buffalo on S. C. W. Leghorns: Won 1, 3, 5 cock, 1, 2, 5 hen; 1, 2, 3, 4, 5 cockerel; 1, 2 pullet; 1 pen; 130 in class. A few settings of eggs to sell. I have 250 chicks out from first S. C. W. Leghorn cockerel, Buffalo, now and more coming, never had such luck. If you are looking for show birds let me know. I am going to sell just four S. C. W. Leghorn cock birds this season and a few hens. I can please you. I know my Reds are better than ever. I have 11 cocks for sale and a few hens. Write your wants. : : Harlo J. Fiske, Manager Skyland Farm, Sterlington, New York

RHODE ISLAND REDS

Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS

: : CONCORD, MASS.

DON'T BUILD

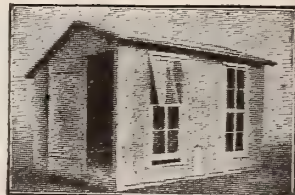
that new hen-house or fix up the old one but get our large 100-page catalog and circulars (over 120 illustrations) showing POTTER PORTABLE SANITARY POULTRY HOUSES, Roosting and Nesting Outfits, Perfection Feed Hoppers, Trap Nests, Feeds, and supplies of all kinds. Potter Fixtures have been on the market nearly ten years. They are made in 3 styles and 12 sizes, and are complete, convenient and sanitary. Our Portable (K. D. made in sections) Hen-houses, Brood Coops, Pigeon Lofts, are made in 20 styles and sizes, from a coop 2 ft. square to a complete house 8x80 feet, or longer, at lowest prices. House shown is 8x10 feet complete with 8 feet Potter Outfit for 30 hens for \$40. A fine house at a low price. If you need a house or coop of any kind do not fail to find out about the Potter line before buying or building.

DON'T KILL

or sell your laying hens, use the POTTER SYSTEM and pick out the layers from the loafers and diseased hens. Keep only healthy laying hens. The POTTER SYSTEM is a secret and the greatest discovery of the century in the poultry world on the subject of Egg Producing Hens. Used by over 30,000 satisfied poultry keepers who are saving dollars every year. Our new 100-page Potter System book, "Don't Kill the Laying Hen," contains the secret and knowledge about laying and non-laying hens. It's a revelation to poultry keepers and you will learn how you can use the Potter system on your flock; keep less hens, get more eggs and make more money using it. Write today sending 2 RED STAMPS to cover postage on our large catalogue and circular, telling all about Potter Poultry Products made for Particular Poultry People. If you are particular and want to make more money on your flock you will write us today.

T. F. Potter & Co. : : Box A, Downers Grove, Illinois, U. S. A.

A \$40 HOUSE



Wm. Cook & Sons

Established 1873

Box A : : Scotch Plains, N. J.

ORIGINATORS OF ALL THE ORPINGTONS

Send 6c for illustrated catalog, with history of the Orpingtons and hints on poultry keeping.

Sooner or later you will buy from the Originators; why not now? All varieties of the Orpingtons.

Special Sale: Several thousand stock birds. Write requirements for special quotation. Mention A. P. J.



A LIVING FROM POULTRY

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square

TO the average poultry-man that would seem impossible and when we tell you that we have actually done a \$1,500 poultry business with 60 hens on a corner in the city garden 40 feet wide by 40 feet long, we are simply stating facts. It would not be possible to get such returns by anyone of the systems of poultry keeping recommended and practiced by the American people, still it can be accomplished by the

Philo System

The Philo System Is Unlike All Other Ways of Keeping Poultry

and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

Our Six-Month-Old Pallets Are Laying at the Rate of 24 Eggs Each Per Month

in a space of two square feet for each bird. No green cut bone of any description is fed, and the food used is inexpensive as compared with food others are using.

Our new book, **The Philo System of Poultry Keeping**, gives full particulars showing these wonderful discoveries, with simple, easy-to-understand directions that are right to the point, and 15 pages of illustrations showing all branches of the work from start to finish.



Three-Pound Roasters Ten Weeks Old



Don't Let the Chicks Die in the Shell

One of the secrets of success is to save all the chickens that are fully developed at hatching time, whether they can crack the shell or not. It is a simple trick and believed to be the secret of the ancient Egyptians and Chinese which enabled them to sell the chicks at ten cents a dozen.

Chicken Feed at 15 Cents a Bushel

Our book tells how to make the best green food with but little trouble and have a good supply any day in the year, winter or summer. It is just as impossible to get a large egg yield without green food as it is to keep a cow without hay or fodder.

Our New Brooder Saves Two Cents on Each Chicken

No lamp required. No danger of chilling, overheating or burning up the chickens as with brooders using lamps or any kind of fire. They also keep all the lice off the chickens automatically or kill any that may be on them when placed in the brooder. Our book gives full plans and the right to make and use them. One can easily be made in an hour at a cost of 25 to 50 cents.

Testimonials

South Britain, Conn., April 19, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35c a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season. Yours truly, A. E. Nelson.

Elmira, N. Y., Oct. 30, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—No doubt you will be interested to learn of our success in keeping poultry by the Philo System. Our first year's work is now nearly completed. It has given us an income of over \$500.00 from six pedigree hens and one cockerel. Had we understood the work as well as we now do after a year's experience, we could have easily made \$1,000.00 from the six hens. In addition to the profits from the sale of pedigree chicks, we have cleared over \$960.00 running our hatchery plant consisting of 56 Cycle hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are,

Very truly yours,

(Mrs.) C. P. Goodrich.

Special Offer

Send \$1.00 for one year's subscription to the **POULTY REVIEW**, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the Philo System book.

E. R. Philo, 14 Lake St., Elmira, New York

S. C. White Leghorns Columbian Wyandottes

Eggs half price. A few selected breeders for sale. Place your orders for young stock with "Harvester Strains." Phone 187 J. : :

H. A. D. Leggett 21 Rowley Street
GOUVERNEUR, N. Y.

MR. WHITE WYANDOTTE MAN

Put this down in your notebook. J. J. Heverly & Son of Center Point, Ia., will have some fine stock for sale this fall. Breeding pen for sale now.

J. J. Heverly & Son, Center Point, Iowa

R. C. R. I. REDS

For fall shows; we have them.

Edgedale Poultry Plant, Wheeling, West Virginia

SHANN'S S. C. BLACK MINORCAS

At bargain prices to clean up. If you are looking for choice stock, don't fail to write me. All correspondence cheerfully answered. H. J. Shann, Painesville, Ohio

S. C. R. I. REDS

Large size, good shape and color. Males, \$3 and \$5; females, \$2 and \$3.

Elmer G. Dean - Morganville, New Jersey

WHITE ROCKS

I breed exhibition quality and my birds win

J. H. TROBAUGH DELPHI, INDIANA

Columbian Wyandottes

Cocks, hens, cockerels and pullets for sale at very low prices.

Aug D. Arnold, Box 777, Dillsburg, Pennsylvania

FOR SALE

Fifteen yearling White Rock hens and cock, well along with moult, for \$20. Must have room.

Guy Daily, Jeffersonville, Indiana

Breeding Stock for Sale

S. C. Black and White Orpingtons and White Leghorns. All my breeders for sale at reduced prices.

White Oak Poultry Farm, R. H. Gamble, Prop., Box 63, Lima, O.

REDS

S. C.—Red Raven strain. The best laying strain on earth. A few hens for sale. 500 young birds coming on. Write for prices. H. F. Kennerk, R. 7, Ft. Wayne, Ind.

S. C. W. Leghorn Pullets

Farm raised and bred to lay. April hatched after September 1, \$1.25 each; May hatched, \$1.

F. S. Nicholson : : Otisville, New York

1000 BUFFS THAT ARE GOLDEN

Orpingtons, Rocks, Wyandottes, Leghorns and Cochins. 5,000 prizes. Prize breeders and show birds at half price. Sale circular free. 190-page poultry book, 4c stamp. The Buff Poultry & Bee Farm, Austin, Minn.



\$60 per HEN per YEAR

On A Garden-Plot of Land

POST CARD BRINGS our free 56-page book, "The Why and How of the Miller System." Test our ideas far enough to form an opinion. If not satisfied, notify us in 30 days and we will provide return postage. Address Miller System Company, 14 7th, Binghamton, New York

GOLDEN LACED WYANDOTTES

The fall fairs and shows will soon be here and I have some fine young birds fit to win with. All of my stock is from my 200-egg strain of Chicago, St. Louis and Milwaukee winners. Write me before you buy.

J. S. PENNINGTON, BOX A, PLAINFIELD, ILLINOIS

MODEL PORTABLE HENERY

Just the thing for the City Man, the Breeder, and for keeping hens on the Colony Plan—a complete hen house. Economy Trap Nests, simplest and most economical on the market. Never will get out of order, and will always work. Made in wood and metal. Model Brood Coops—Made of galvanized iron, collapsable, mice and vermin proof. Easily cleaned; by drawing two hooks bottom drops out. Model Setting Coops, made of galvanized iron. Just what you want when the hatching season comes. You can also use it as a brood coop. Write at once. Catalogue free. Please mention A. P. J.

NIEMANN BROS. MFG. CO. : : BOX 677 : : MT. OLIVE, ILLINOIS

PEKIN DUCKS

Rankin and Japanese stock direct. Choice old breeders at half price if taken soon. Toulouse Geese, state fair winners. Young stock, all ages, for sale. Satisfaction guaranteed. : : : : :

C. L. McFerren : : : : Bellville, Ohio

CHAS. F. HOMPSON & Co.

Box 9

LYNNFIELD CENTER, MASS.

RHODE ISLAND REDS : BARRED ROCKS : WHITE WYANDOTTES

Last season's breeders for sale. Low prices. Booking orders for pullets and cockerels. Write us at once. Catalogue free. Stamp for Red Standard. : : : : :

JUST A MOMENT, PLEASE

You want results in your poultry business. Well, I can give you DIRECT IMMEDIATE RESULTS. Help the moult which means a quicker return to a larger egg yield.

Orr's Digestible Mash, Superior Scratching Feed, and Alpha Meal, Thoroughly Baked

JUST LIKE TOAST. KEEPS IN ANY CLIME. We do not claim our goods are "just as good," but we do guarantee they are a little better. Send for free sample and prices. Our guarantee and reputation behind these goods and all poultrymen know what that means. The name counts.

D. Lincoln Orr, Box 5, Orr's Mills, New York

ARGUMENTS

Not needed as to quality when one goes to New York with a string of their very own : : birds and wins in : :

White Wyandottes

1st, 3d and 4th cockerel; 1st and 3d pullet; 2d hen; 5th cock; 2nd pen; 1st collection; many specials; and pen lost first only through slight injury to male's tail. Compare this with UNSUBSTANTIATED claims of "unbeaten" stock. You want a fine trio now, I can please you. You want 100 or 200 layers, I can furnish them. You want soon to win at a Fall fair, I can turn the trick for you or better still you want to win over some competitor this winter. Then you must write me for it's the hottest competition my stock wants. You say what it's worth to win, and I will see to it you do. Send 10c for handsome illustrated catalogue to the great specialist breeder.

ARTHUR G. DUSTON, BOX 1020, SO. FRAMINGHAM, MASS.

A FRANK QUESTION

OWEN FARMS asks you a frank question: "How much will you give for cock, hen, cockerel, pullet or pen to win your fall fair?" It is not unusual for you to buy what you want in this way. It certainly pleases us to have you tell us this right off in your first correspondence. You know as a buyer that if we do not think your offer is enough to win your fair we will not accept it. If we think it is, however, and we can win your fair we will accept it. Always the only difference between a would-be customer and Owen Farms who wants any particular stock, quality fully described and understood by both our customer and ourselves, comes in the price to be paid. We are especially confident that we will agree upon this price. Write us, then, right away and get down on business. We tell you squarely that you do not commit yourself in any manner unless the bird is satisfactory at the price. You always must keep this in view.

EARLY SHOW BIRDS

Have we many? More than ever before. 5,000 birds raised from our very best in our different varieties and not a bird less. We commenced to hatch in January and have been hatching ever since and shall hatch up to the last of August. We know that females and males can be furnished at absolutely the right condition of feather and ripe for the show especially as we shall have birds that are exactly the right age for the time when the show occurs. How good are these early show birds? Better than we have ever produced in all of our varieties and there is no show that has any terrors for us and which we do not gladly welcome an opportunity to supply winners for, guaranteed to win. The condition would be such as you would expect in the top form of the bird for the time and place and the price would fit the quality. Remember that. Always with Owen Farms, the price is never high, but always only sufficient to cover the quality desired and necessary.

FITTING WINNERS

OWEN FARMS paid Harry W. Graves, now dead, \$100 and expenses six years ago to fit their string of birds for New York and thought it cheap. Today our Mr. Delano has to take off his hat to no living man in America in fitting birds to win in the show room. Just think for one moment that you get this without extra cost whatever. Don't you believe Owen Farms did well to spend that \$100 that year? If you do, you must know that you would do well to insure fitting such as OWEN FARMS through our Mr. Delano can give you. We match pens to win. Winning every pen in N. Y. last year is the best evidence. Five first pens at Boston clinched the argument. We mean business and how far pride in continuing this great record goes in fitting and matching pens for our customers, we leave you to judge.

BOOKING WINNERS

When is it best to book your orders for the ensuing year? We say "Now." Never mind how far off the date of your show if you are sure that you are going there now is the time to write about it and to book your engagement with us as early as possible. Early fall shows, midwinter or late shows in February have been already booked by us in very large numbers, because our customers appreciate one great advantage. What is the advantage of early booking with Owen Farms? If you can get Owen Farms to say that they will win a certain show for you at a certain price no living man can buy a bird to compete against the bird sold for that show, never mind what the offer might be. You realize in making such an early booking that you are uniting all the possibilities of Owen Farms' large flock from which they can select absolutely and exactly the right bird fit for the moment to win in your interest and name.

UTILITY COCKERELS IN OCTOBER

In past years we have had a remarkable demand for big, husky utility cockerels having our best thoroughbred blood and ready for early breeding. This year we expect even a larger demand and we have prepared to fill it and the price will be \$5 each. These cockerels are of the finest breeding, full of life and vigor and from flocks that are not excelled as producers of large, brown eggs and many of them.

WHAT WE HAVE TO SELL

What we offer to you are birds of the breeds most popular in the show room. Our breeds form the largest classes constantly at New York, Chicago, Kansas City, and, in fact, every poultry show in America. We also say that we have demonstrated ourselves by our show record to be at the very head and front of each of these breeds which we offer. You do not have to take our word for this but study the records. You can find our winnings in our catalogue and you can secure the winnings of any other breeder and if ours do not compare favorably and to our advantage we ask you to write and call our attention to some other existing record that seems to you to surpass ours. Our breeds are

The Buff Orpington	The Barred Rock
The White Orpington	The White Rock
The Black Orpington	The White Wyandotte

Your correspondence is urgently solicited

OWEN FARMS

Wm. Barry Owen, Proprietor :: Maurice F. Delano, Manager

107 William Street : Vineyard Haven, Massachusetts

Columbian Wyandottes

Ask for mating list. Eggs at half price after June 1st. A few breeders for sale.

Dr. C. J. Andruss, Canandaigua, New York

JONES' WHITE PLYMOUTH ROCKS

First prize winners at Chicago, Dec. 1909, and Illinois State Show, Jan. 1910. Eggs, \$3 and \$5 per 15. Fairview Poultry Farm, W. E. Jones, Proprietor, R. F. D. No. 20, Williamsville, Illinois

The Uhl Hatchery

will furnish chicks only during August and part of September yet. So get in your order at once.

M. Uhl & Co., :: New Washington, Ohio

COLUMBIAN PLYMOUTH ROCKS

Information Bureau—"We are it." Write us for prices, descriptions or anything concerning this variety. Green & Kaple, Lock Box 400, Elbridge, N. Y.

S. C. BUFF ORPINGTONS

of high quality this year's breeders now for sale cheap for quality.

Imperial Poultry Farm, Chas. C. Miller, Prop., Atlanta, Illinois

S. C. BROWN LEGHORNS

First Prize winners at all the leading shows, including Chicago and Cleveland this year. Write for circular.

Frank Schellang, Rte. No. 2, Erie, Penna.

Trethaway's Anthracite Black Minorcas

A few choice breeders and show females for sale. Quality the best. Price reasonable. Everything sold on approval.

ARTHUR TRETHAWAY

45 Parrish Ave., Wilkes Barre, Penna.

SINGLE COMB BUFF ORPINGTONS

A few of my breeders for sale at reasonable prices.

Roseland Poul. Farm

Chas. W. Switzer, Owner and Manager, South Euclid, Ohio

IS IT POSSIBLE

to get strong chicks from weak eggs? Certainly not. Select all eggs for hatching by the Magic Egg Tester. Buy of your dealer in poultry supplies or direct from us.

Fully guaranteed. By mail \$2.00.

Magic Egg Tester Works, Dept. B, Buffalo, New York



WHITE WYANDOTTES

Eggs one-half price. High-class breeders at bargain prices. Send for circular.

J. W. ANDREWS, DIGHTON, MASS.

Tannenbaum Farms' "Victor" Strain of

Barred Rocks and Col. Wyandottes

Exhibition stock for sale. Write for catalog and mating list, describing our 1910 breeding yards in full.

TANNENBAUM FARMS
WILLOUGHBY :: OHIO

Barred Rocks and S. C. W. Leghorns

Egg orders booked now from choice pens, mated to produce exhibition stock.

Lake View Poultry Farm, H. B. Koch, Manager, Pekin, Illinois

Bateman's Black Langshans

World Famous Winners—If you are looking for quality in stock and eggs, I have it. Write me for prices.

Jesse T. Bateman Box A Waverly, Illinois

Mitchell Par. Cochins

A few fine birds that I am willing to dispose of. Also eggs from the prize matings which Mr. Mitchell has made for this season. Address ROBERT F. CLARK, 87 Milk Street, Boston, Massachusetts.

S. C. R. I. REDS

Bred to lay. Twice winners of shape and color specials at Wheeling and West Virginia State Fair. Eggs half price after June 1. Geo. H. Keck, Edgewood, Wheeling, West Virginia.

WELLS' R. I. REDS

Both combs. Prize winners year after year. Eggs for hatching that will hatch.

Dr. E. W. Wells, 576 Butterworth Ave., Grand Rapids, Mich.

Silver Spangled Hamburgs and Ringlet Barred Rocks

Some bargains in good yearling birds; \$1 to \$3.

R. D. Sly : West Clarksfield, Ohio

150 Acres

Devoted to one breed—R. C. RHODE ISLAND REDS. 1200 head of young stock. Orders booked now.

CHAS. C. COULTER, FRANKFORT, IND.

CHESTER WHITE PIGS

— and Scotch Collies at reasonable prices —

Mrs. J. W. Holton : : Catasauqua, Penna.

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

R. C. Black Minorcas**Black Cochin Bantams**

I am offering some RARE BARGAINS in my breeding stock; Minorca eggs only half price. Write for catalog and bargain prices. Please mention this paper.

Dr. J. N. MacRae, Galt, Ont., Canada

COCKEREL BARGAINS

I have over 200 BARRED ROCK cockerels, March hatch that I can sell now for \$2 to \$3 apiece. Later on the price will be \$10. These are E. B. Thompson pure "Ringlet" strain. This is a chance of your life time. Order now and be prepared for that early fall show.

G. A. Barnett, R. 1, Clinton, Ill.

**45 Varieties Land and Water Fowls**

Send for illustrated catalog, which tells you much you should know. Stock and eggs at all times.

S. A. Hummel, Box 52, Freeport, Ill.

RIGHT PRICES

— ON EGGS AND STOCK —

Barred and Buff Rocks, R. and S. C. Reds, Cornish Indians, S. O. W. Leghorns, Houdans, Silver Wyandottes. Superb quality, the winning kind in our big shows. Write for cat. & prices.

J. N. Hazlett : Tarentum, Penna.

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MISCELLANEOUS.

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Ben Avon :: Pittsburg, Penna.

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as bred here win for me as well as my customers in the BIG SHOWS. Few breeders yet to spare. Baby chicks rest of season at 20 cents each.

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For June we offer a few specials on breeders and show birds, but no more eggs.

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Are no experiment, having been carefully selected and bred for over 20 years with results that fully justify the claim that they are one of the **Great Laying Strains** of **S. C. White Leghens**. No labor or expense has been spared in building up perfecting the strain, and while the production of large, pure white, fancy market eggs has been the main object, **Standard Qualities** have not been neglected. They are **Large, Vigorous, Active and Handsome** layers and keep at it all summer. Unexcelled for introducing new blood or as foundation stock. **Eggs for Hatching. Stock for Sale. Illus. Circular Free.**

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Eggs Half Price after June 1st—From my prize pens. Plenty of time yet to hatch and have them mature for the winter shows. Recent Chicago Winnings—December 7 to 12, in the largest entry and the strongest competition ever shown at Chicago, I won 1st, 2d, 3d hens; 1st; 2d, 3d pullets; 1st, 2d, 3d cocks; 2d, 3d, 4th, 5th cockerels; 1st pen. Our 1908 winnings were 1st, 2d, 3d, 4th and 5th on cockerels; 1st, 2d, 3d and 5th on pullets and 1st on pen; also cup for best display. Exhibition birds of the highest quality ready for fall shows. My stock in customers' hands won 1sts in most of the leading shows last winter and will do it again. Do you want the winners in your show? If so get in touch with me and state your wants. I can supply you with Stock, Eggs for Hatching and Day-Old Chicks in any quantity, for I have the Largest Single Comb White Leghorn Farm in the Middle West. Inclose ten cents in stamps or coin for the finest White Leghorn catalogue ever published. Every inquiry and order has my personal, prompt attention. My prices are very low considering quality. Write today.

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for growing stock and the fowls on range. Fill the hopper, and stand the machine in the shade. See that they have water and then go, attend your business. The machine will take better care of the stock than you possibly could. Saves nearly 25 per cent of the actual costs of feeding. Is positively rat and bird proof, rust proof and dust proof, and delivers only fresh, clean grain in just such quantities as you desire. Chicks will grow faster, mature quicker, and be stronger and healthier if fed and exercised by

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CAPON CULTURE

Poultry Keeping Made Profitable by Caponizing—A Constantly Growing Demand for Capons—Capon Bring Higher Prices Than Turkeys—The Time to Caponize and How to Do It Successfully

Written for American Poultry Journal by S. B. Twining, Yardley, Pa.



females.

At Afton Farm we keep careful accounts of each department and at six months of age our male chickens, excluding the Leghorns, are worth more than the females. The secret: We select out the best males for breeders, which sell for \$5 each, and make capons of the balance. Capon culture is today the best paying branch of the market poultry industry.

Turkeys are extremely hard to produce and the growers that got an average price of 30 cents per pound wholesale the last winter thought they were doing unusually well.

Plump, tender fowls have been selling readily, but it would not pay farmers to grow fowls for market. This supply must be furnished by the hens that are "laid out." Soft meated roosters average something over four pounds each and wholesale in New York for 25 cents to 30 cents per pound, according to season of the year. This is, however, rather an uncertain business, for if you keep your birds too long they will get staggy and you will only get the price of fowls and cocks.

Cocks seldom bring over 15 cents per pound wholesale and have to be plump to do that. But how often are your cockerels plump? They run the hens, reducing both their own and the hens' weight and make the flesh tough. I tell you the carcass of the average male bird kept past the broiler stage seldom pays for its cost of production. A leak in the profit account, it should be stopped. How? By caponizing. Turn the loss into a profit. I say again, capon culture is today the best paying branch of the market poultry industry. What is more, the demand is increasing more rapidly than the supply. Don't talk to me of overstocking the market. That is, with good dressed poultry. The market is already overstocked with cull poultry of all kinds. Put good, tender, juicy poultry on the market in attractive shape, five, aye, ten times as much as is now going in, and it will be quickly grabbed up and without the price dropping one cent. I am in constant touch with the markets of Boston, New York, Philadelphia, Atlantic City and Washington and know what I am talking of. The people want good stuff and are willing to pay for it. Capons are good stuff. Ship into market the tempting capon instead of the old, tough, stringy meated cockerel and you, your commission man, the butcher and the consumer will all wear smiles. Get busy. See how easy it is to make the world brighter and make money all in the same act.

Broiler production is profitable, but why kill a chick at a pound for \$1.25 per pair or at two pounds to sell at 35 or 40 cents a pound? Caponize the males when they weigh about a pound and a half and sell them at eight to ten pounds and

get 30 or 35 cents a pound according to the market. The writer got 30 cents per pound straight for his entire output last season. Season, did I say? There is no special season for capons. However, from Thanksgiving to Decoration day the price is usually best. To work our farms to the best advantage we caponize our spring and summer males and market by February 1. They should weigh eight pounds and upward per bird to command the best prices. Light birds are often sold in with "the slips" and bring several cents under the market.

The most tedious and expensive part of chicken raising is the hatching and rearing up to a pound. After that they can be quartered in inexpensive houses and tended easily. A man would have to hustle to take proper care of a thousand chicks up to the pound stage, but birds past this point a man could properly care for five thousand with ease.

It costs a great deal to produce the first pound of chicken, but after that flesh is made cheaply. This is mainly because it is not the feed but the labor, housing, etc., that runs so into money in successful poultry culture. Grow your birds up to a pound and a half so that they are good, thrifty specimens not overly fat. Then select out the best pullets for layers either for yourself or to sell. There is a demand for good pullets. Put balance of the pullets into fattening pens and dress at two pounds as broilers for market, also the cull males. (We have never seen the plant yet where they produced no culls and we get around quite some.)

Pen up the good males in comfortable quarters and keep feed from them all the day previous to the day of operation. Let them have all the water they wish to drink, removing it that night so that they have neither food or water the morning of the operation.

The day has arrived. It should be clear and the operations performed where there is good natural light. At Afton Farm we prefer to operate as early in the morning as possible. We have the birds caught and put into convenient coops. An inverted barrel makes a table the right height and we have a wooden box built to resemble a dress suit case. It is convenient to carry the tools in and is made to fasten the birds to. The tools are taken out and wiped off; tool box laid on its side on barrel. A strap is drawn through a flat staple on the top side of the box near the front and a belt lacer is fastened to a staple in the far end of the box five inches from the front. A cockerel is taken and with his wings pushed back placed on his left side on the box. The wings are strapped to the box and the legs placed together and drawn out towards end of box. The belt lacer is then wound around them a couple of times and the end pulled between the legs to make it secure. This holds the bird tightly. Now remove the feathers from the body just in front of the leg. Wipe the flesh free of feathers and dust with a damp sponge. Take your knife and make an insertion between the last two ribs. If the birds have been properly fastened there is no danger of cutting too deep. Now take your spreaders and put them on the cut so as to make an opening that you can see into the bird. You will find a thin membrane, which must now be cut. After doing which you will see the two testicles, one on either side of the backbone. Put your wire loop over your spoon and slip spoon under the lower testicle. Draw up on wire so that it slips off bowl of spoon up against cord attachment of testicle. Now slip canula down hard against top of this cord and sea-saw on the wire, pulling up at the same time, and soon you have the lower testicle out. Now do the same with the top testicle.

Great care must be taken not to puncture the artery that

runs between the testicles, for if you do the bird will bleed to death. The reason for taking the lower testicle first is, you may cut a minor blood vessel, which, if you took the top one first and had such an accident, the chick would get so bloody you could not see to take the lower testicle out. Such a cut, however, would not cause the bird to bleed to death.

Be sure and take the testicles out clean. If you leave the



BLACK ORPINGTON COCK.

Winner of second prize at New York, 1907. Property of H. B. Prescott, Derry Village, N. H.

smallest part it will cause a slip, which is not near as profitable as a capon, as they only develop half as well and their flesh is not as fine grained.

Many mark their capons by cutting off one of the toes or putting a leg band on. One party I know finds hog rings a cheap, quick and plain way of marking his capons.

The bird is now ready to be loosened from the table and set carefully down. He should be allowed all the water he cares to drink and a mash feed for supper. No sewing or disinfectants are necessary. It is wise, when making the cut, to pull the skin to one side, then when set free the cut in the skin is not over the cut in the flesh, therefore the hole is sealed.

Caponizing is an easy art and perfection comes with little practice. Many fail because of poor instruments. I know of no regular set on the market I care to recommend. Most of the tools are better looking than they are practical. We have our tools made to order at G. P. Pillings & Son Co., Twenty-third and Arch streets, Philadelphia, Pa.

Last winter a prominent duck grower decided to raise a couple of thousand capons out of the duck season. He and his son had a great time working on the birds. They had two well known sets of caponizing instruments, but success was not theirs. Finally they called in a local surgeon, who failed to better matters. Then the writer was asked to help them out. I went, operated on a few birds and then while I was talking to the father the son tried his luck with my instruments and found it so easy that I was able to come home, as it was fun for the boy, working with these practical tools. Get a good knife, set of spreaders, spoon and a canula and caponizing will be easy. The trouble is people want to buy their tools too cheap. Pay a fair price and get a good set—a set that will turn loss into profit.

Now that we have our males operated on the rest of the work is light. They are housed a hundred each in colony houses and have free grass range with plenty of fresh, clear water. They have hoppers of wheat, cracked corn, beef scrap, grit, oyster shell and charcoal before them all the time. Each night they are given a moist mash of equal parts bulk bran, corn meal and middlings, all they will eat clean. Two weeks before dressing for market, we take all hoppers from houses and feed them three times a day a moist mash of four parts corn meal, two parts middlings, one part bran, one part beef scrap, two parts finely cut celery, with grit enough to grind it. After the night feed we coax them to eat more by throwing out cracked corn as long as they will pick it up. In a fortnight you have a flock of birds rivaling the turkey as to quality

and flavor of meat, selling for more than turkeys and much easier to raise. Last Christmas there were twice as many capons used as ever before. And capons were retailing for more than turkeys. Why thrust a lot of good for nothing chickens on the market when by caponizing you can turn these leggy birds into flesh relished by the epicure? Turn this unproductive end of the poultry business into a profit. Capons pay and pay well. Try a few this year and be convinced.

SYSTEMATIC FEEDING



HE food that is usually given to poultry is varied in its nature, and the kind and quality often depends (with many fanciers) on that which is most easily obtained or the cheapest. I believe the majority of small fanciers do not supply the best always, as in many cases they are ignorant of the different qualities of the various foods. It greatly depends on the feeding to ensure certain distinct results which may be wanted, and to my mind, in a great measure these can be obtained through judicious feeding.

Five compounds are found in the foods of poultry—water, protein, fat, carbohydrates and ash. All foodstuffs, no matter how dry they may seem, contain a considerable amount of water. In grains and dried meat the water averages 10 per cent of the material, in raw meats 50 per cent, while in some vegetables it amounts to 90 per cent.

The protein of food is characterized by containing nitrogen. The terms nitrogenous matter and the albuminoids are frequently used to designate this group. The function of the protein is to build up and repair the working organs and parts of the body, and to supply material for the production of eggs, feathers, etc. No other food constituent can do this.

Since the carbohydrates and fats serve nearly the same pur-



First prize Partridge Plymouth Rock hen, Cleveland, 1909. Bred, owned and exhibited by S. A. Nofztger, North Manchester, Ind.

pose in the animal economy, they may be grouped together. Experiments have shown that fat is about $2\frac{1}{4}$ times more effective as a food than are the carbohydrates. Fat in the food may either be stored in the body as fat, or burned to produce heat and energy. Carbohydrates constitute a large



Second Prize Pen S C BLACK MINORCAS
MISSOURI STATE POULTRY SHOW ST. LOUIS MO Dec 1909 Bred & Owned By W. O. CHASE HILLSBORO ILL..

part of vegetable foods. In the animal body they are converted into fat or used (burned) to produce heat and energy.

The ash of the food is the source of the mineral matter of the animal body, and as such is of importance. Ordinary feeding stuffs, however, do not contain sufficient lime for shell formation, and an extra supply of this material is required.



First White Plymouth Rock cockerel at Detroit State Show. Bred and owned by Lyman H. Hill, Jackson, Mich.

The term animal food is used to denote a number of highly nitrogenous substances fed to poultry. The most important are waste meat, ground raw bones, dried blood, fresh fish and skim-milk.

To obtain the best results in egg production from confined laying and breeding stock some form of animal food should be supplied about every day. Eggs and meat contain similar proportions of the different nutriment—protein and fat. However, in an equal weight of meat and eggs there is less water in the meat, so that three-quarters of a pound of lean meat equals in nutritive value one pound of eggs. In both eggs and meat there are no carbohydrates. Especially during the moulting season a large amount of animal food should be fed the fowls for the reason that the growing feathers require the nitrogenous matter that meat supplies most readily and cheaply.

The cost of the different cereals in the locality should determine what varieties of grain are to be fed to the fowls. When feeding fowls that are confined or at liberty, animal food should supply the greater part of the protein or nitrogenous portion of the ration. In that case, the grains are required more for maintaining the heat of the fowl's body, and it will not be profitable to purchase expensive grains for this use. Poultry will thrive better on a variety of food stuffs than they will on a single food of the same nutritive value. It is preferable to feed a number of grains, both ground for the mash and for feeding whole in the litter, rather than to limit the selection to one or two sorts.

The value of vegetable foods such as clover, mangels, turnips or cabbages is attributed to the succulency and also to their bulky nature. The amount of nutriment in them is comparatively small.

Laying hens require lime for the formation of egg shells and a quantity of crushed oyster shells should always be set convenient for them to help themselves. If crushed oyster shell be not supplied the fowls are apt to start on to eat their eggs to secure lime.

All classes of poultry masticate their food by a grinding process in the gizzard. The gizzard is lined with a tough membrane or skin, and will not be injured by a hard or sharp grinding material. In fact, the more hard and insoluble the grit is, the longer it will perform work. Crushed oyster shell is the very best and can be had at any supply house at small cost.

Plenty of water is indispensable to the health of poultry, and it should be pure and fresh. Laying hens especially require an abundant supply of fresh water on account of the great percentage of water in eggs.

Chatham, Ont.

A. T. H. Fortescue.

IMPORTANCE OF CORRECT BREEDING

Interbreeding One of the Greatest Aids in the Science of Breeding—Skill and Knowledge Required in Line-Breeding—The Felch Original Breeding Chart—Strong, Vigorous Ancestors Necessary

Written for American Poultry Journal by Rev. C. E. Petersen, Bridgton, Maine



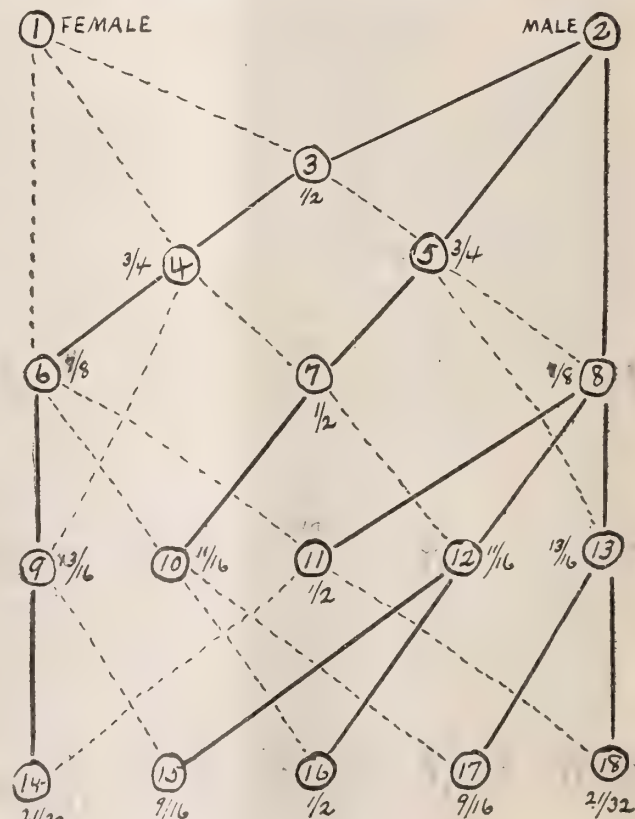
IN the following notes and opinions and well established facts, we are dealing with a science so complex and so fraught with difficulties of the most intricate kind that some of them have furnished material for the study of a lifetime to some of our greatest biologists of the present age.

From this it can of course easily be seen that it is not a matter for the tyro to dabble in, that it presupposes a knowledge far greater than the average breeder possesses of the application of the science, and an intimate knowledge of the breed of fowls in which some notable improvement is contemplated.

He must have a correct ideal in his mind, standing out clearly and definitely as to what is wanted. There must be no doubt in the matter or hesitancy on the part of the breeder to set aside any specimen who is not going forward to the ideal.

And even here it takes almost intuition to know, even to the expert breeder who by years of study has fully come to know, both the strong and weak points in the breed he has made his specialty, or the ideal may be gained at a frightful expense to the posterity in the gradual loss of constitution, sexual instinct, productiveness and all other useful qualities that might have been kept intact if the work had been pursued in a different manner and by a person who knew, to its full extent, the difficulties and dangers in the system of interbreeding.

It would be madness to urge on a beginner in poultry culture to take up such a task who has not even a desire to work out for himself any such problems in the science of breeding that



THE FELCH BREEDING CHART.

The plan of line breeding advocated by I. K. Felch, Natick, Mass., the old veteran judge and breeder who for 40 years has been a deep student of the problems of mating.

only the expert breeder of years of experience can work out to a successful issue.

Interbreeding is one of the greatest aids in the science of breeding to a standard or for any desired point of fancy or utility, but let us not forget that interbreeding is an expediency to accumulate the blood of an individual possessing some point of real or imaginary value, that we want to fix in the breed and fix it so well that it becomes prepotent and one of the breed characteristics, that is what is called "breeding to standard."

Now it is easy to comprehend that here lies the real danger in interbreeding, as the temptation to use specimens with some congenital defects is very great if the said specimen in other desired features measures up to the desired ideal. And this desire to breed for the perfection of certain feather points makes it almost impossible to prevent the introduction of sick or unhealthy specimens into the breeding yard, with the always ready excuse "that it may turn out all right," but experience, the greatest of all teachers, teaches us that it never turns out all right, but always disastrously.

If the breeder fully realizes the laws of interbreeding and knows how to apply them in the perfection of his stock, all is well, but if he don't it acts like a boomerang; it comes back on him, and with a vengeance.

That good and permanent results can be obtained by inter-

vigor. In relation to the subject of domestication, the whole subject is of some importance, as too close interbreeding interferes with the improvement of old races."

That this last is a positive fact, we have more evidence of today than when Darwin wrote his great work. Interbreeding can be indulged in to our heart's desire, with our new breeds where so much foreign blood was used in their formation, and which vigorously battles against the breeder, and will not be subdued, cropping out in all kinds of defects, even the best established of them cannot be said to breed true to color, or other characteristics. In this case interbreeding goes on without any noticeable impairment in vigor, and their respective breeders, of course, stand for the harmlessness of close interbreeding. But, on the other hand, we have a long and sad catalogue of the evil influence of too close interbreeding, in the results now visible in some of our oldest races of fowls, that have almost become extinct by careless and indiscriminate interbreeding, and for any practical purposes useless. Eggs from such stock interbred for generations without the necessary introduction of new blood, when it was manifestly necessary, hatch but poorly under hens, and it is simply waste of time to try to obtain results from them in an incubator. The cockerels are not very conspicuous as to strong sex mani-



SCENE ON THE FARM OF KING BROS., OSHKOSH, WIS., BREEDERS OF B. P. ROCKS.

breeding has never successfully been contradicted, but if these good results can be obtained without any consequent evil results is a problem that has not been fully settled and is still a mooted question with some, yet the evidence goes to show that interbreeding cannot be continued for any length of time without injurious results to the posterity, and that a cross some time or other becomes an imperative necessity.

On this subject of the good and evil results of interbreeding, Darwin gives a very full exposition. He says in part:

"The gain in constitutional vigor derived from an occasional cross between individuals of the same variety cannot but belong to distinct families or between distinct varieties, has not been so largely discussed as have the evil effects of interbreeding. But the former point is the more important of the two, inasmuch as the evidence is more decisive. The evil results from close interbreeding are difficult to detect, for they accumulate slowly and differ much in degree with different species, whilst the good effects which almost invariably follow a cross are from the first manifest. It should, however, be clearly understood that the advantage of close interbreeding, as far as the retention of characteristics are concerned, is indisputable and often outweighs the evil of a slight loss of constitutional

festations so conducive to strong potency, and the females are nearly always poor layers, listless and inactive.

We may as well state again that we believe in interbreeding, and that without it progress is not possible, but that interbreeding is only to be used as a valuable means for improving stock, and only by expert and skillful breeders, who know how to take advantage of it.

But that improvement does not mean the extravagant exaggeration of some one desirable fancy point, to the utter extinction of all the other of the fowls' good qualities.

Interbreeding can be followed up to a certain point, when nature says so far and no farther, then a standstill in development, followed by rapid deterioration, if the new blood is not immediately resorted to. We do not want our readers to take for granted that all these manifestations become apparent immediately; they are of slow growth and the deterioration being gradual, can only be distinguished in their first stages by an expert eye. We may say that one of the very first signs is decreased potency, and a tendency to malformation in the chick. The greatest care should, of course, be used in introducing new blood, as by an injudicious cross the work of years may be utterly ruined. It is for this reason that most

of our breeders possessing valuable strains of fowls, when new blood is required, always use a female to introduce it, as, by so doing, he keeps in full control the result of such an introduction, and the male line intact.

I said intact. By this I mean that as we do not want to alter the type of our strain, we use a female, for by using a male we should be very likely to alter the type, as his influence is



WHITE PLYMOUTH ROCK.

Fourth prize cock at Chicago, 1908. Bred and owned by Lyman H. Hill, Jackson, Mich.

very great in this respect. The most of the breeders of a valuable strain of birds are loath to introduce new blood in any form, as there is a great risk connected with it, but they all come to it sooner or later, and, as Darwin says: "Now I have inquired of good many breeders of fancy fowls and I have hitherto not met a single man who was not thoroughly convinced that an occasional cross with another strain of the same variety was absolutely necessary."

The noted breeder, Sir John Sebright, who lived in the beginning of the last century, was the originator of a method to check the evil influence of close interbreeding, that may be stated as the separation of a few related individuals from the common flock for a few generations.

These birds would be subject to different conditions of life, and this change of soil, and climate, would affect, perhaps, almost as great a change in the constitution as would an infusion of fresh blood. This method we have used with good results for a number of years, and is now extensively used by breeders of note, who do not desire to run the risk of the infusion of new blood, and so prefer to have chicks reared in places remote from them, by some friend, and returned to them when needed.

From this discussion it will be seen that it is not child's play to become an effective breeder of fancy fowls, and the builder of a strain of birds, prepotent in the transmission of all their many good qualities, but which would not be possible without the potent influence of interbreeding judiciously used. To the inexperienced breeder let me give this advice: Better buy and keep up the birds from a well-established strain than to form one of your own, except you got the fancier spirit born and bred in you; if so, go on and success will be sure.

Line-breeding, or breeding in line, is a term upon which almost every writer that we have noticed has a different view, and most of the so-called line-breeding is really not line-breeding at all.

Line-breeding is a system that requires some skill and considerable knowledge of what constitutes the good points in the stock bred, and to be carried out successfully it is very important that we have enough stock to select from so that we may come as near the desired point as possible.

We have frequently seen it advertised, as a point made, in the obtaining of customers, line-bred for so many years, but

unless I know the breeder behind the stock thus bred, and from where he got his first beginning, I might as well look for as many defects as for excellences, as without knowledge of every desirable feature in the stock bred, and a strong determination to breed only the best, defects will be fastened to the same extent as some good points wanted, and the common defect, and perhaps more noticeable than any other, is lack of size, and lack of strong, vigorous constitution.

This goes to show that, if line-breeding is to be taken up in the perfecting of a strain of birds, and no strain can be built up without it, it becomes a matter of the utmost importance to begin with as good a pair of birds as it is possible to procure, and free from any defects in body and constitution, for there will be enough to try your skill in eliminating the inherited defects and which will come to the light in successive breedings.

And in the selection of the foundation stock, I would use extraordinary care in the selection of the male bird, because his influence for good or bad is so great in line-breeding that too much attention cannot be paid to this matter.

If possible I would choose him from a strain whose blood lines were well known, and I would exact a pedigree from his breeder regarding his ancestry, and some description of the parent stock, and if the breeder was willing, a list of some of the early defects with which he had to battle before his strain became perfected. This will facilitate matters very much in the selection of future stock birds.

This is really where the originator of the strain has the advantage, because he knows his stock, and where another breeder would without hesitancy use a bird from this same strain that has some slight defect in body, limb or color, to mate to females of the same strain, the originator of the strain would look upon such a course as fatal to success, because that very defect, small as it is, has been one of the lines of combat, in his early struggles, and he knows that it does not take much encouragement to make it appear again.

The male bird must be bred back, and if there are any congenital defects, they will be aggravated in the second mating, for his own blood will be in preponderance. Thus it is easy to see why so much care is necessary in selecting the progenitor of your strain.

No strain can be built up on any other foundation, whatever



First prize Partridge Plymouth Rock pullet, Indianapolis, 1909. Bred, owned and exhibited by S. A. Nofztger, North Manchester, Ind.

may be said to the contrary, and in opposition to breeding a sire to his own daughters and a dam to her own son.

Near relationship of the germ-cells does not, as a matter of

course, render them unsuitable for mating. In and in breeding and line breeding differ only in parts. The one breeder knows what he does, and the other does not.

In and in breeding, or matings made up of blood relations, is therefore as such not a cause of trouble, providing we know that the stock is sound, and in good health and vigor, and without any inherited predisposition to disease, for all authorities on the subject agree in the matter, that the danger of mating animals of any kind consists principally in the fact that it occasions an accumulation of unfavorable hereditary predispositions in one individual, and that is what students of hereditary science call potential heredity.

We know of several breeders who for years have pursued only one method, and that of picking out from their flock the cream of it to use for breeding purposes, health in abundance being one of the chief points of the selection, and this has been done without the slightest regard as to blood relationship, and stronger and better stock for productiveness is hard to find, and after all has been said, this is the only way that Nature keeps up race characteristics, and strong, robust health and potentiality.

We have learned to know by a dearly purchased experience that new blood may be as vicious in its influence on a good flock as the introduction of a foul disease into a community, and so when from a fancier's standpoint this becomes necessary the greatest caution is to be used.

It is in the increased desire on the part of breeders, in an age of strong competition, to produce either in excess, or in beauty, some desirable features that make them lose sight of the fact that all stock that does not excel in strong and robust health is not suitable for perpetuation, and so as the law is lost sight of a strain is the result that may excel in those particular points, but at the cost of diminished sexual functions, or even impotence, and in the females decreased fruitfulness, and throughout the whole strain a sort of overdelicacy becomes apparent.

Family breeding, or line-breeding, is therefore looked upon as a successful remedy in order to guard against degeneration, and when rightly carried on the strength, vigor and purity of the strain can be maintained for many years without the introduction of new blood.

Another very important matter regarding line-breeding, and that is too valuable to be lost sight of, is the climatic conditions and their influence upon stock as a blood renewer, and which is well known among line breeders, namely, to select some fine specimen when half grown and send to a friend in some other part of the country, and when the bird is wanted for breeding have him returned.

As to the methods of line-breeding in existence, there are a number of different charts by different breeders, but we have failed to see any improvements upon the Felch Breeding Chart, for most of them are simply modifications of it, and sometimes little more than a steal. We therefore present to readers the original chart, and quote what Mr. Felch himself has to say regarding it:

"You may fail to see the meaning of the solid and dotted lines of the chart. To make it clear, we say, each dotted line represents the female as having been selected from the upper group, while the solid line shows the male as having been taken from the indicated upper group.

"Each circle represents the progeny. To wit: Female No. 1 mated with male No. 2 have produced group No. 3, which is half the blood of sire and dam.

"Females from group No. 3, mated back to their own sire No. 2, have produced group No. 5, which is three-quarters of the blood of the sire, No. 2, and one-quarter of the blood of the sire.

"A male from group No. 3, mated back to his own dam, No. 1, produces group No. 4, which is three-quarters of the blood of the dam, No. 1, and one-quarter the blood of the sire.

"Again we select a cockerel from group 5 and a pullet from group 4, or vice versa, which will produce group 7, which is mathematically half the blood of each original pair, No. 1 and No. 2.

"This is a second step toward producing a new strain.

"Females from No. 5 mated back to the original male, No. 2, produce group 8, that are seven-eighths the blood of No. 2, and a cockerel from No. 4 mated back to the original dam, No. 1, produces group No. 6, that is seven-eighths of the blood of the original dam and only one-eighth of the blood of the original sire.

"Again we select a male from No. 8 and females from No. 6 and for a third time produce chicks (in group No. 11) that are half the blood of the original pair.

"This is the third step and the ninth mating in securing complete breeding of our new strain.

"In all this we have not broken the line of sires, for everyone

has come from a group in which the preponderance of blood was that of the original sire.

"No. 2, 8, 13 and 18 are virtually the blood of No. 2. We have reached a point where we would establish a male line whose blood is virtually that of the original dam, and we now select from No. 6 a male which we mate with a female from No. 4 and produce group No. 9, which is thirteen-sixteenths that of the original dam, No. 1, and three-sixteenths the blood of the original sire.

"Again we select a male from No. 9 and a female of the new strain, No. 11, and produce group 14, which becomes twenty-one-thirty-seconds of the blood of the original dam, thus preserving her strain of blood.

"A male from No. 13, which is thirteen-sixteenth the blood of the original sire, No. 2, mated to females from No. 10, which are five-sixteenths the blood of the original sire, No. 2, gives us group 17, which is nine-sixteenths the blood of said sire.

"While in No. 16 we have the new strain and in No. 18 the strain of our original sire, we can go on breeding for all time to come.

"Remember that each dotted line is a female selection and each solid line the male selection."

Now retracing to our first statements regarding the choice of breeding birds wherewith to begin our strain it is easily seen that without careful selection line-breeding could not become a success, but where such selection is carefully and considerably



A PEN OF KELLERSTRASS WHITE ORPINGTONS.

made, line-breeding becomes a factor that cannot be disregarded in the production of a strain in which high qualities of productiveness as well as the fancy points is desired.

We forgot to mention that the sire selected for our foundation should come from a female, about which we are absolutely certain that she is a first-class producing female.

Formerly little attention was paid to the sire in this respect, but experience has taught us that if a line of strong and steady egg producers is wanted, this is a matter of the very greatest importance, and cannot be lightly considered.

In summing up this part of our treatise let us remember:

1. Interbreeding necessitates strong and vigorous ancestors, possessing as many and as strong qualities as possible. As the number of years a strain has been interbred will fix the bad as well as the good qualities.

2. That the summing up of evidence for or against the introduction of new blood goes to show that regeneration becomes absolutely necessary some time or another.

3. That close interbreeding carried on for too long a time will result in loss of size, constitutional vigor and fertility, sometimes accompanied by a tendency to malformation in the progeny.

4. That interbreeding is a valuable aid in improving the breeds of poultry, if used discreetly, and with a full knowledge of its effects, but in careless and ignorant hands hastens the deterioration of otherwise good stock.

WHO'S WHO IN HENDOM

The Bantam Kings! What a cute little title!

They reign over a kingdom all their own and dispute their domain with never a soul. As fanciers they are kings of the realm and as contestants for getting the most fun out of the game they hold more than an even break to their credit. Though the birds they worship are more adorable than the sacred geese of Egypt, yet the priests of the temples in that far off and woe-begone country have never seen these feathered midgets.

Wherever two bantam fans get together, there is held a meeting of kindred souls. They soar and soar away 'mongst the clouds of the purest fancy, while the rest of us have our heels on the ground and cannot even see the clouds, owing to our pecuniary interests in the gallinaceous bipeds we are grooming and pampering that tomorrow they may lay two eggs where they laid one today, and that their chicks may make two pounds of gain from one pound of feed! Oh, you practical breeders! While you are mixed up with the sordid ways and means of getting the lucre started your way, the fanciers of bantams are revelling in the dreams that prelude their breeding birds absolutely true to feather from one mating and winning all they show for among the hottest classes.

Did you ever note that bantams brought the millionaires and the laboring man together on an equal basis? Did you ever see a plute arm in arm with a man of the soil save in the bantam alley of big shows? Did you ever—But hold! Of course you didn't.

Now there is Prideaux. He sometimes stands alone in the alley and wonders why some one does not turn up who will give him competition. It is the same wonderment as fills the white race today with reference to the vanquisher of Jack Johnson. Prideaux goes ahead year after year, producing the best birds in Partridge Cochin bantams, and there is none to say him nay. He wins, hauls home the prizes, breeds more winners to haul home more prizes and then breeds still better ones. We old rounders who follow the shows watch his exhibit every season and wonder. So do the others. He is invincible.

And he has chosen to ride the hobby that takes the eye of everyone who knows a Langshan from Hewes Farm from a dirigible airship hanging in the tree tops. The little Partridge Cochin bantam is a beauty and no mistake. It is the bright colored little bantam that takes the eye. Some eyes it takes further and some less and some it brings back. The eye of the fancier it takes because it is one of the most difficult to breed. To the eye of the utility crank who wants to keep a dozen layers in the space that an S. C. B. L. pullet requires to stretch her legs, the Partridge appeals because it is warmly feathered for winter and has hardiness enough to make it an all season layer.

Prideaux is known at home and then some. He is known as the Partridge king. Just the same as you or I would be known as the king of the Looploopyas in the middle of the Pacific, providing that we could subdue them Rooseveltian shots, so is Prideaux known as the prince of the realm he wields the wand over. He conquered the breed by study and assimilation. That is to say, he assimilated all the current knowledge and tucked it away as learning and then went in and rolled up his sleeves and got some real, dyed in the wool KNOWLEDGE at first hand by breeding them and mating his matings for better or for worse. Now chicken lore garnered in this manner stays with a fellow like a cornmeal flapjack does on a bear hunt. You simply cannot shake it. It is a part of your cosmos and will never leave. It is this sort of chicken-knowledge-flapjacks that have made such men as the Rock kings, Wyandotte kings, et cetera, all the other little kinglets we might proceed to designate.

And this is how Prideaux stays put at the top. I cannot explain it in any better manner, for I have been schooled by Tom McGrew, who hides his meaning under a brush-pile of truths.



It does seem queer that the bantam contingency finds its greatest splendor in the confines of the North. Canada is colder than Wisconsin by some steen degrees of chilliness when the boreal winds burst out of the land of the huskies and icebergs. But bantams grow and thrive there because the hearts that encourage them are warm and tender and the hands that foster them are soft and silken. Billy McNeal, the Chanticleer of the bantam contingent that swoops down on H. V. Crawford with a special car to get the money in, holds the whip hand in the fancy in Canada.

I heard him make a quiet little speech once in St. Louey, in which he stated that he had made a lot of money in the bantam and

other chicken breeding business. W. W. Henderson said that he knew there was money in the game, because he had been putting it into the business ever since he could remember, or words to that effect. It raised a great laugh. Henderson can get a good hand any time he makes a speech. McNeal said he did not know whether some of Henderson's was what he had been taking out or not, but supposed it was, as Henderson was the only man he ever heard say that he had put anything into the business. Then McNeal wound up and rung off his little gem of a speech by terminating it with a soft pedal appeal for more fanciers and lovers of poultry than men who were or would go into it for the simoleons they might get from the fire. One could see that Billy was a lover of the feathered creature because there was a something in his heart that he could not analyze which made him breed them and show them and exchange intimacies with other fanciers.

McNeal is wrapped up in his bantams. He loves the Rose Comb Blacks just as much as the Cochins. The Polish get no more attention than the Game bantams. One is as leave in his heart as the other, for he loves them all. You can see it sticking out of his eyes. It radiates from him. He believes in them and they know him for a friend.

This world is a good place to live in!

I feel that way today, anyhow. I've had fried chicken, browned to a turn and then smothered in the dripping pans like Divinia's wife disintegrates them for the stomach, an Ole Virginny cheroot between my teeth to top off with and my typewriter. I forgot the new potatoes and green peas which the city man pays forty cents for and which cost me forty seconds.

John Robinson would have added a copy of Heck's book and had a feast. Theo., the man we look to now as the hope of the white race, might have put in a couple of watermelons. Hank Schwab would have wanted seven ears of perfectly right Evergreen corn to have made out a dinner, and Dick Richards would have liked a couple of lobsters and a small portion, say fifteen or twenty, stuffed olives. Thanks. Curtis would have said that a few scalps would have settled the thing just right with him, while Hicks could have added the presidency of the A. P. A. and eaten it with relish.

But let's get back to bantams.

I started out to tell what a good world it was to live in and was going to add when one had such an assortment of fine bantams as Fenn, of Delavan, has, just at the time those rude people above butted in. Fenn has a great location, and a great layout. His place has been for years the Mecca of the middle West fancier who doted on bantams. He shows at the best shows in his section and folks wonder how he can breed so many and breed such good ones.

There is no secret about it. He has a grand lot of birds to breed from, gives them the right sort of surroundings, and they do the rest. The fine middle summer weather of his part of Wisconsin has much to do with the success of his hatching season. The crisp falls fluff out his Cochin birds beautifully

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to H. H. Scott, Sinks Grove, W. Va., and the second prize to N. P. Harris, Salem, Mass.

THE MOULT.



OUR poultry will for some six to eight weeks substitute the production of feathers in place of eggs, and longer too if they are not given proper care. While some force a moult, it is not practiced on our plant, as we have tested the force method and compared results with a natural moult, and the natural moult has given much better results.

For the force process the poultry must be fed a small amount of food for ten days to two weeks; this being the case the results are an abrupt shortage in the egg basket, which is two weeks before moult starts. When we do get the

results the poultry is in a low condition, the reverse from what they should be, as all vitality obtainable is needed to aid them in growing a new coat of feathers, while the only benefit is that they are through the moult before cold weather; that is, if we begin the process the first of July; if not, they will be as late as if allowed to go through a natural moult, as to force a moult takes about three weeks longer than a natural one, as two weeks are lost preparing and some time in getting them recruited from their fasting preparation, while if allowed to go through a natural moult they will continue to lay until they begin to grow new feathers, and will grow a coat of feathers quicker than when they have been starved, and will begin to lay shortly after plumage is complete. Some few will continue to lay while moulting, if fed properly. This feed question is overlooked by many, especially if poultry is kept as only a side issue, for they quit laying when moult starts, and when laying stops interest is lost, which, however, is the time they need attention and feed most.

If allowed free range they will balance their ration to a certain extent favorable to growing feathers, but if confined they must be fed with foods which contain properties favorable to growing feathers, which must contain large quantities of oils. Our feed during the moulting period (which usually commences about August 1st) consists of the following for whole grains, which is fed in shallow litters: Two parts sunflower seed, one part wheat and one part corn. As much of this is given as they will clean up well. Unless they do work it well out of litter it furnishes feed for mice and rats, which are a great nuisance unless you have cement floors. Besides the above there is kept in hoppers before them at all times the following mixture: Two parts linseed meal, one part wheat bran and one part beef scraps. Grit and fresh water is supplied in abundance. (Water is supplied by a running brook.)

On this ration we lose about two months with the majority of the flock, but some few will continue to lay while moulting. Especially is this the case with the White Wyandottes. We have them down to business again by October 1, before cold weather.

All hens that are not wanted for next season will be sent to market about July 15, thus losing no time, while hens are generally a better price at this time than a little later.

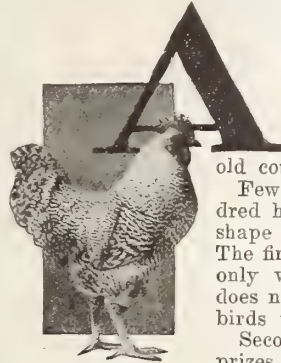
In case there is trouble with pullets moulting, this can only be prevented by regular feeding, not too heavy, gradually increasing as weather grows cooler, so as not to let them go down in condition, but there will be but little trouble if hatching is not commenced before March 15 with the large breeds and April 15 with the small breeds. However, in one case we had a hatch of 125 White Wyandottes to come off April 1, which were fed forcing feed consisting of wheat bran, crushed oats, beef scraps and whole wheat, having free range, which when

about six months old began to lay and laid for about six weeks, when they began to moult. These pullets were loafers, or star boarders, as we might call them, for about two months or until February 15, while if they had been fed properly or not have been hatched for two weeks later all probabilities are that they would not have moulted until the following fall and would not have been any longer commencing to lay than hatch was delayed.

H. H. Scott.

Sinks Grove, W. Va.

WHY FARMERS KEEP MONGRELS.



SUBJECT much discussed, but little written about. Fewer farmers keep mongrels now than in the past, but I think this article will not be out of place.

By the word "Farmers" I mean not the educated farmer, but the old country farmer.

Few farmers have over fifty or a hundred hens, rarely with two alike in color, shape or name. Why is this catastrophe? The first reason is this: Because a farmer only wishes eggs for his own use. He does not wish to put any more time on his birds than is absolutely necessary.

Second: He cares nothing for shows or prizes and really gives them very little thought, if any. He says that he sees no good in these things, for it does not make the hens lay any better.

Thoroughbreds, although they need clean, well-kept houses, do not require so very much time, perhaps not more than fifteen or twenty minutes each day. A farmer's hen house is rarely ever seen clean, or at least I never saw one. It is usually dusty, dirty, the roosts in any place, often without dropping-boards underneath, barrels and boxes for nests. Although these are all right, they are not the best. Dirty windows, covered with cobwebs, keeping out the much-desired sun, and everything in a clutter.

Third: A farmer does not raise broilers for market, but raises chickens, and when he wants one for his dinner just kills one off, and these chickens are doubtless as good as thoroughbred chickens.

Fourth: He does not wish to raise hens for profit other than just making them pay, and I should doubt very much if many farmers ever know whether their hens are paying or not. A farmer is in many respects like a department store. For instance, a farmer raises corn, hay, beans, peas, potatoes and all sorts of vegetables, and hens; the different vegetables receiving an equal amount of attention, while the hens come out the little side of the horn. He does not deal in one thing and perfect it. The same with a department store. They have almost everything one can think of, but not leading the city or town, state, country or world in one thing, which, if they did, no doubt would make double what they do at present. Usually they obtain the best they can for the cheapest. And so, likewise, with hens. The cheapest are mongrels, and not having the time to put on them, they keep mongrels.

Fifth: A farmer never wastes much love over his birds, and who would over mongrels? Some farmers do not care for hens at all, but for all that one rarely sees a farm without a hen on it. If a farmer does not love his hens, why should he waste any time on them? He could not get so much out of them, thoroughbred or not, as one who loved their birds. A farmer would not waste time in trying to solve what was the best feed for them or give them greens, except in the swill, or go out and dig a few worms for them. A thoroughbred needs this kind of treatment, especially prize birds. Therefore the conclusion is, if they can not, or will not, or do not, wish to give the time, why should they have anything but mongrels? One must work for what even they obtain today, and so with hens, one cannot obtain something for nothing.

I will now just say a word why they should not keep mongrels. If a farmer did have thoroughbred stock they could sell their eggs for one dollar and up instead of twenty-five cents a dozen. They could exhibit, perhaps capture prizes, become prominent, and not only help themselves but poultrydom besides.

They could raise broilers and send them into market, reaping a fine profit on them.

I know already many farmers have left their mongrels and are now keeping thoroughbreds, who before could not waste any time on them; are now keeping their houses clean and giving regular feedings, and thoroughly enjoying their hens. I hope the time is not far distant when mongrels will become unknown.

Salem, Mass.

N. P. Harris.

EDITORIAL

WE LEAD OTHERS FOLLOW

62,000 A. P. J.'s for August, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the August, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 20th day of July, 1910.
[Seal.]

Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Change in Date of A. P. A. Meeting

For some unaccountable reason the date of holding the annual meeting of the American Poultry Association has been changed from the second to the third week in August. This will be very disappointing to the large majority who voted for the second week, and goes to show that the majority does not rule in matters pertaining to the A. P. A. We trust, however, that this change of date will not have the effect of reducing the attendance at this meeting.

Mr. Steinmesch writes: "From information at hand it is quite certain that the 35th annual meeting of the American Poultry Association at St. Louis, August 15 to 20, 1910, will be the largest ever held by the association. In this connection we should give the widest publicity possible to the fact that the meeting is free and open to all, and we especially invite nonmembers to be with us for a day or a week. Many chicken people seem to be under the impression that only members of the American Poultry Association will be allowed to attend, but such is not the case. We welcome all who are interested, and hope to make many converts."

Mail Vote on Amendments

One of the proposed amendments has for its object a more full share of power to give to all members of the American Poultry Association who are not able to get to the annual meeting. The member of the north Atlantic coast is as liable to be interested in the amendments which arise as the member who resides in the city where the annual meeting is held. But as a rule the members who live farthest from the meeting place cannot afford the time or money to make the trip and hence their membership and opinion count as nothing in making the laws by which the officers shall be guided. We are all allowed a vote in the elec-

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Look at the address on your wrapper. See that it is absolutely correct and notify us of any mistake no matter how slight. Note the expiration date which appears thereon as American Poultry Journal stops with the issue marked on your wrapper.

Make a memorandum of the number above your name and refer to this number when writing in regard to your subscription.

If you change your address give both your old and new address as well as your subscription number when notifying us of the change.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

tions. We have a vote in the meeting place. Why cannot we all have a vote in the rules or amendments which govern the officers we elect? The man with the ballot is the man with the backbone of the association in his hand. He is the man who maintains interest in its affairs.

One of the things that a member gets for his membership fee is a vote. If we do not give the vote more power, or else get ourselves on a delegate basis, each state a branch that is allowed a delegate in the annual meeting, we are curtailing the reforms of the body we all want to make greater. There have been a lot of things done in the association which would not have been done if the matter was left to a vote of all the members rather than by a handful who had the time and superfluous coin to attend the annual meeting.

Secrets of Success

When you buy high priced eggs remember to give the chicks the best of care, keep the coops clean, and the coops and chicks free from lice. Divide them in small flocks so they can't crowd at night and sweat all the vitality and strength out of them.

Give them cool, fresh water, a variety of food, and keep them growing from the start.

Remember it is only by doing this that it is possible "to get all out of the chicks that the original breeder bred into them." If you don't do this and allow them to become lousy, puny, stunted chicks they won't develop either size or shape and they won't have the necessary pigment coloring matter in them to color up their feathers, and they will come in white or partially white, according to the degree of debility in the chick. If you do this don't blame the breeder from whom you bought the eggs and call him a fraud and condemn his stock.

I tell you, chicks from the best bred fowls on earth can be made the rankest culls by neglecting them and stunting

them by poor care. You know there is always one chick that develops faster than the rest. You are always proud of it. It puts out a comb first, gets a bright red face and develops wattles. It always has a good coat of feathers and every visitor speaks of it, "Ain't it a dandy?"

Of course it is. It has always been in the pink of condition and you got out of it all the good breeding put into it. Try and raise them all that way. Be sure and separate chicks of different sizes, otherwise the larger ones will eat up the feed from the smaller ones and run over them so they will never mature properly.

Keep them in small flocks. Change their coops to new ground often or spade up the ground if in limited quarters.

Remember, it is not how many you raise but how good. Remember, it only takes one bird a little better than the rest to win first prize, and that means success. Hence I say give your chicks extra good care that you may get all the good qualities out of your chick that was bred into them. Herein lies success.

The Licensing Muddle

The American Poultry Journal has predicted the failure of any as yet devised system of licensing judging. The further we go into this thing the more willingly we want to get out of it. It looks to us that about as far as the A. P. A. can go is to censure judges and give them a hauling over the coals, if they be members, after they have committed flagrantcies in the positions they have been entrusted with. The A. P. A. cannot make good judges. It cannot make itself popular by trying to attach a fee to licenses and in other ways tax one coming and going and resting.

If there are to be licenses, then there will be charges of gross indiscretion heaped upon those who allow the licenses and who take the examinations. Let the A. P. A. devote as much work to the

regulating of express rates and the securing of a parcels post as it does to worrying about licenses for judges and there will be some good accomplished. Just where the line is to be drawn for those who shall and shall not take the examinations, that is another problem that would entail a lot of bitterness. Poor judges have broken into the game since Felch was a child. They have tumbled out of it, too. They could not remain because the license of popular opinion was all against them. To be a judge one must be a "natural born" chicken man and that is all there is to it, especially if we allow the rank and file of the membership of the A. P. A. to decide. Put this series of judging and examination amendments up to the rank and file of votes for a mail vote and it would get killed as quick as Kelley's cat on a midnight rampage.

Columbian Plymouth Rocks

Among the several varieties that will ask for admission to the Standard at the coming A. P. A. meeting at St. Louis in August are the Columbian Plymouth Rocks.

Of all so-called new varieties, none has ever won popular favor, or has in the same time shown such wonderful improvement in both type and breeding quality, as have the Columbian Plymouth Rocks. Their merit along these lines, at this early day, entitle them to favorable consideration, for when birds can be bred true to type as well as color qualifications they have the right to demand consideration, for their place is a prominent one.

There is always room for a variety with real quality. The poultry field is larger and the demand is for substantial variety, a place the Columbian Plymouth Rocks will fill. It has been our privilege to handle this variety at several shows the past few years, and we have noted in particular their line of quality and the improvement made in type and color. It is upon this evidence that we place our hope that the members of the A. P. A. will approve their application.

At the last Buffalo show the class of this variety was very large and the quality all that could be desired. The first prize cock was a bird of exceptional merit. In type he was one of the best



So you're Mr. Sherman Luttrell, from Waverly, Ill., and you raise Buff and Black Orpingtons. Wall, I guess they are a good breed, no doubt about that, but Martha and I thought we would try the R. C. Reds and we sent to Mr. A. G. Clark and got some eggs from his Practical Reds. He has a strain what not only wins the blue ribbons at the big shows but also has great utility qualities, being extra long bodied and great layers. Martha weighed some last night, they weighed one-half a pound and only three weeks old. Our common chicks won't average mor'n one-fourth pound fer same age.

Yes, we feed 'em on Alpha Meal whats advertised in the American Poultry Journal and it do beat all how they dew grow.

You say you been readin' the A. P. J. for ten years and that's where you learned how to raise your prize winners and now you advertise in it and sell all you can raise.

Wall, that's jes what Martha and me tend to dew. We read it every night an' are learning a heap. We are well pleased with Mr. Clark's Reds, got thirteen chicks from fifteen eggs.

Wall, perhaps, if they turn out right we'll show 'em at the Fair. Any how, we'll see you there. Good-bye, Mr. Luttrell. (Continued in our next.)

Plymouth Rocks we have seen, his color and markings also of a high and choice quality. Other males and most all the females were on a par and of the best of quality, making one of the select classes at this great show.

The Columbian Plymouth Rock Club is wide awake to its every interest. To date about 100 members are enrolled and they have just issued a catalogue that is not only a work of printer's art, but a book of interest and value that should be in the hands of every interested person.

The club officers are: President, D. M. Green, Syracuse, N. Y.; vice president, F. M. Clemens, Mechanicsburg, O.; secretary and treasurer, Dr. E. B. Kaple, Elbridge, N. Y. H. P. Schwab.

Mr. Buschmann Consents

After repeated solicitations by prominent Rhode Island Red breeders, C. L. Buschmann, Indianapolis, Ind., has finally consented to make the race for vice-president of the Rhode Island Red Club of America. It will certainly be to the interests of the club and the breed in general to elect Mr. Buschmann to this office.

He is vice-president and general manager of one of the largest factories in Indianapolis, also treasurer of a large life insurance company and vice-president of the Fanciers' Association of Indiana. He is also identified with other large associations.

He has just purchased a farm of 108



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS. It is acknowledged the world over as the greatest laying and exhibition strain. Eggs at half price from now on.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

BRIGHT'S BARRED PLY. ROCKS BROWN LEGHORNS...

Grove Hill Poultry Yards William Ellery Bright, Proprietor Box 410, Waltham, Massachusetts
A. C. Smith, Superintendent

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct; freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now. **FREE**

M. M. JOHNSON, CLAY CENTER, NEB.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : : KEY, OHIO

Greenwood & Yeoman's

Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business. Box 1334 - Paterson, New Jersey

HENSON'S S. C. R. I. REDS

Have always won at Cleveland, Lorain and Elyria in hot competition. Eggs, \$3 per 15; \$5 per 30. All stock and eggs guaranteed. R. Henson, R. 2, Oberlin, O.

SINGLE COMB... LEGHORNS

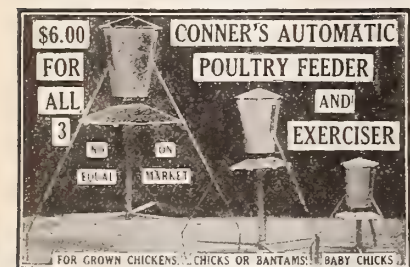
BUFF Eggs for hatching from America's most phenomenal prize winning and egg producers. Awarded more than 350 prizes in nine different states since 1905. Captured sixty prizes on sixty entries at Chicago, Boston, St. Louis, Cleveland and Indianapolis this season. Ask for our "Gold Bond Proposition."

Peter S. Hurt, R. R. 5, Thorntown, Indiana

Farm Journal

Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper. : :

Wilmer Atkinson Co., Philadelphia, Penna.

KEEP CHICKS GROWING BY USING

Solves feed problem and keeps hens laying. Saves time, labor, litter and feed. Send for circular and get the best. : : W. M. Conner, Jersey City, N. J.

TRADE MARK KEMIFORM THE BEST CURE

For Roup, Cholera, Bowel Trouble, Chicken Pox, and Other Ailments

Don't delay until your flock is infected. Prevent dangerous diseases by placing Kemiform in all fowls' drink now and then. It is the best investment you can make if you expect to succeed with poultry. Mrs. D. A. Markely of Napoleon, Ohio, writes:—"I am using Kemiform with great results; it keeps my fowls healthy, and as a cure it is wonderful." One large box of tablets makes 30 gallons of agreeable Kemiform liquid. Sold under Money Back Guarantee. Price 50 cents postpaid, and 25 (numbered) Leg Bands FREE if you send names of two other poultry raisers. Trial package free. Agents wanted. Address

The Kemiform Co.
2451 St. Clair St., Cleveland, O.

acres and will start to build this fall, the largest and most exclusive Rhode Island Red farm in the world.

\$90,000 Appropriated for New York

New York has gone Missouri one better and secured an appropriation of \$90,000 for a poultry building.

This simply shows what it is possible to accomplish when gone about in the right manner. The importance of the poultry industry is only beginning to be recognized and the breeders in other states should join in a united effort to secure larger and larger appropriations each year. Once you get things started the interest will increase and soon the effects will be noticeable throughout the country.

Colorado Organizes a State Branch

Reese V. Hick, assisted by local breeders from Colorado, have just organized a big branch of the A. P. A. in Denver, having nearly 100 members. They are certainly getting awake out West and are showing us how to do things.

In Ohio, for instance, a bill asking for an appropriation of money for the State University was turned down. This is to be regretted and Ohio members should get together and elect men who know their needs and who will make appropriations.

Mr. Lamon Accepts Position With Uncle Sam

Harry Lamon, who has been special representative for American Poultry Journal the past season, has accepted a position with the United States government and is at present located in Kansas, doing special research work on the market end of the poultry industry. Mr. Lamon is well qualified for this work, as he is thoroughly familiar with all phases of the poultry business.

Public Notice

Notice is hereby given to our subscribers that we have discontinued the advertising of the Culver Poultry Farm, Benson, Neb., as we consider the proprietor of this farm unworthy and unreliable.

Of Interest to Illinois Members of the A. P. A.

Theodore Hewes has a long article in July issue of the Inland, in which he tells you why Illinois should not withdraw from the mid-west branch and organize a state branch of her own. Mr. Hewes in a very pathetic manner asks you not to disrupt the only peaceful organization in the association. Why is the mid-west so peaceful? Simply because you are not alive to your own interests. Certainly if you sit back, say nothing, ask for nothing, do nothing, but let the men in office run things to suit themselves, there will be peace.

But when you do wake up and ask for your rights, those who in some manner have been profiting by your lack of interest are going to object.

Mr. Hewes also states the creating of a lot of new officers may create jealousy and dissatisfaction. Now, this is a reflection on every member from Illinois.

I contend we have men here in Illinois as liberal, broad-minded and as capable of running our state branch as can be found in any state in the Union. Don't you agree with me? As for his statement, the mid-west was to stick together for five years if it was possible. This is not binding, as it was not incorporated in the constitution, and the few men who organized could not see how large we would grow before the five years had passed.

The mid-west was the first branch to organize and was an experiment. They thought it would take five states to make it a success. Now we see most any state can have a successful branch. These men had no right to bind us up for five years when they could not see the changed conditions that would come up.

Such a proceeding is characteristic of ward politics and is never carried out in organizations where members are supposed to have a voice in their management. In any event such unjust and unreasonable policies cannot be binding unless incorporated in the constitution and bylaws, which is not the case in this instance.

We have no desire to disrupt the mid-west branch if it is so great and mighty it can exist without us. Surely we are not the whole works. Just let us have an Illinois state branch, and let the rest go on as before.

I contend the mid-west has become an unwieldy body, and the present proxy system, which gives some sixty-four votes to its representative, gives one man too much power.

For instance, there was only some 200 members present at the last A. P. A. meeting. Supposing 125 were against a certain proposition, and then the sixty-four mid-west proxies were voted with the minority; they would carry the motion, even though five-eighths of those present were opposed to it. Do you call that a representative meeting? Do you call that justice? Do you know if you stay at home that the mid-west representative has, without getting your consent, one proxy vote for every five absent members, and that he will have about sixty-four proxies to vote at St. Louis?

If we have a state branch a man from Illinois will vote your proxies; then you have representation from your own state, and the mid-west representative will have about fifteen proxies less.

Mr. Hewes says the mid-west branch canvasses the members present. Well, I know several members who knew nothing about this and were not canvassed at any time during the last meeting.

If you have an Illinois state branch your president will become a member of the executive board of the A. P. A., and you then have Illinois represented by a man from Illinois also at the annual A. P. A. conventions. At present you could only get this by having a president of the mid-west elected from Illinois, and this you never had. Besides, with a state branch you get the gold and silver medals and A. P. A. diplomas every year instead of once in five years, as at present, and you haven't even had them yet. Is Illinois so insignificant she should be put off till last? Mr. Hewes says Indiana, Michigan, Iowa and this year Wisconsin will have had the medals, diplomas and institute, and Iowa and Wisconsin \$200 cash in addition. You see Illinois comes in last.

Mr. Hewes tells you if you want additional officers, to get busy and elect them; even suggests that the writer or Mr. Heck would be acceptable to him as president of the mid-west. I wish to state I am not or will not be a candidate for any office in the Illinois state branch. I know I have been accused of being mercenary, but such is not the case. Let the officers be the best men fitted to hold them and scattered throughout the state so all parts have representation. Then all get busy and get in new members, and we will soon have \$200 cash in the treasury. All the members from Illinois who are sufficiently interested to reply to a letter when a self-addressed and stamped envelope is enclosed, want an Illinois branch with one exception, and he did not even sign his name.

Many of them write very strong letters in favor of it, and many have gone to work securing new members for the state branch. I think we have fifteen in view, and more to hear from. This number would put \$75 in our treasury. I guess this looks like some good would result from Illinois having a state branch.

Mr. Hewes tells you I was not a member when the mid-west was organized. That is true. I joined about three years ago, and I gave my \$10 to Mr. Hewes. He has long forgotten that. I was not solicited for it, either. I had wanted to join for some time. But what has that got to do with it? Am I not a member and entitled to all the privileges? Is there any number of years of probation before one has a right to think, speak or act? I think not.

Mr. Hewes tells you the mid-west always has the best reports at the A. P. A. meetings.

Now, why should not the mid-west branch have the best report of any branch? Hasn't it five good big states to contribute to its treasury? Certainly it ought to have money in its treasury and make the best report, and Illinois has contributed more than any other state, and we have not gotten any of it back, either.

Now we want a local organization and state representation both on the executive board and at the annual A. P. A. meetings. We want a big state branch, and keep our money here at home and spend it as we see fit, and also have the medals and diplomas every year.

The Reasons for An Illinois Branch of the American Poultry Association.

Because it would result in greater good to the American Poultry Association.

Because it would result in greater good to the Illinois members of the American Poultry Association.

Because it would mean more money to be given to Illinois poultry shows for prizes.

Because the American Poultry Association medals, diplomas, cups, etc., would be offered at some Illinois show every year instead of once in five years, as at present.

Because Illinois should not be forced to contribute to the support of other states by dividing its revenue with them and being tied up with them.

Because the interests of Illinois breeders require closer individual effort which would be derived from their personal management of an Illinois branch, and which cannot be derived from the

management of other breeders in other states with which Illinois is now combined.

Because the money received from the American Poultry Association for new Illinois members should go to Illinois and not to other states, as it does now.

Because other states of much less importance than Illinois have state branches.

Because it is a reflection on the en-

terprise and state pride of Illinois members that they allow so great a state to occupy a position so far behind others of less importance.

Because there is no cost to anyone in connection with the organization of a state branch.

Because no one man should have so much power.

Because more poultrymen from Illinois would become members of the

WHAT THE "HALL" EQUIPMENT WOULD MEAN TO YOU

CARL J. CARTER

PAUL C. GREEN

HUBERT E. COSBY

BLUE RIBBON POULTRY FARM

S. C. Black Orpingtons, exclusively
COLUMBUS, INDIANA

June 10th, 1910.

The Hall Mammoth Incubator Co., Utica, N. Y.

Gentlemen:—

We are just closing a very successful season with your Hall Mammoth Incubator, 6000 egg capacity, and Hall Brooding System.

For simplicity, thoroughness and economy they are ahead of anything on the market for artificial incubation and brooding.

In fact we prefer the chicks hatched in your machine to the hen-hatched chicks. The point that especially pleases us is the finish to the chicks as they leave the shell and the hardiness they show when placed in the brooder.

We find the brooder a veritable mother, no oil fumes or foul air. Perfect ventilation all the time and our chicks have feathered fully as well as the hen-brooded chicks.

We have fully paid for our machine the first season with custom hatching and baby chick trade, besides have some two thousand splendid Single Comb Black Orpingtons for our trouble.

We run your incubator with less expense and labor than we did two small incubators with 240 egg capacity each, last season.

Assuring you that we will be back to enlarge our machine another year, and wishing you well merited success, we beg to remain,

Very truly,

Blue Ribbon Poultry Farm, Columbus, Ind.

Why not consider the installation of the Hall Mammoth Incubator and the Hall Brooder System? Their installation would mean that you could figure your results with certainty,—that you could make next season's work and every season's work after that, just as successful as Blue Ribbon Poultry Farm's! The Hall Catalog is free.

The Hall Mammoth Incubator Co.

Dept. X

UTICA, N. Y.



Simpson-Eddystone Prints

are time-tested fabrics

They have been recognized by the women of the United States as the standard calico dress-goods for over 65 years. Always in demand, because of their superior quality—cotton cloth, well-woven and durable, beautiful designs, rich fadeless colors.

Show this advertisement to your dealer when you order, and don't accept substitutes. If not in your dealer's stock write us his name and address. We'll help him supply you.

The Eddystone Mfg. Co., Philadelphia
Established by Wm. Simpson, Sr.

R. C. Black Minorcas

Eggs at greatly reduced prices and four grand yearling cock birds very reasonable. Prize winning strain.

J. S. Bales, Route 2, Springfield, Illinois

R. C. BROWN LEGHORNS

Winners of first cockerel and color and shape special at the late Madison Square Garden show; also second hen. Eggs at reduced prices balance of season. Write.

B. A. OAKLEY : BROOKLYN, PENNA.

Mineola Strain Buff Wyandottes

L. D. Howell, Mineola, N. Y.

Barred Rock Bargains

Eggs and stock at all times. Sacrifice sale now on. Catalogue free.

Wm. H. Hoover, Route 2, Box 4, Polo, Illinois

J. C. W. Orpingtons

Kellerstrass strain. Bred from choicest matings. Eggs \$3 and \$5 for 15. Young chicks for sale.

Maple Crest Poultry Farm, R. 1, Euclid, Ohio

R. C. and S. C. Reds

Half price on eggs and all my breeders including Toledo and Cleveland winners sacrificed. Write for circular and prices. B. M. Billings, Box A, Oberlin, Ohio

C-U-R-A ROUP AND CANKER REMEDY

Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. Mention this paper. Send 20 cents in 2c stamps and receive a 50c box by return mail. Agents wanted for open territory. Write for particulars.

C-U-R-A CHEMICAL COMPANY, DEPT. A, AKRON, OHIO

Amatite Roofing

Mineral surface. Needs no paint. Send for FREE Sample.

BARRETT MFG. CO.

NEW YORK : : CHICAGO

American Poultry Association if we had an Illinois branch.

Because one-half of the membership fees received by the American Poultry Association for new Illinois members would be paid right back to the Illinois branch for the benefit of Illinois members.

Because the state of Illinois deserves a greater and more influential voice in the management of the American Poultry Association affairs, and this can only be secured through an Illinois branch.

Because the president of our Illinois state branch would have a seat on the executive board of the A. P. A.

Because Illinois is great enough and big enough to have a branch of her own and not be tacked on to the tail of any association.

Because over one-half the Illinois A. P. A. members want a branch.

Because there is no good reason why we should not have an Illinois branch, and there is every reason why we should have one.

Mr. Hewes has himself admitted the advisability of our having a state branch, but he wants to put it off. Why should we put it off? If it is a good thing after while, it is a good thing now. I say now is the accepted time.

If you are not a member of the A. P. A., you should be. Better send me your application.

If you are a member and have not replied to my letters, you owe it to yourself to do so.

I hope we will have an Illinois state branch, and I wish we could get Theodore's consent and approval to it.

C. W. Zimmer.

Illinois State Poultry Association Meeting

The writer attended the big meeting held in the State House at Springfield on July 1.

The object of the meeting was to adopt a new constitution and bylaws, and the one presented certainly was a good one and showed much care on the part of those who framed it.

The meeting was called to order by President George Heyl, and harmony prevailed throughout the meeting.

Illinois has a unique method of organization in that they have each Congressional district organized with a district manager, appointed by the governor. Then they offer a substantial prize for the district manager who secures the most new members for the association.

Well, in this manner they have the boys all working, and maybe you think there is not something doing. Most of the meeting consisted of reports from these district managers, and it was truly wonderful the results that have been accomplished not only in new members, but in silver cups to be offered as special prizes.

We venture to say more silver cups will be offered this year at the Illinois state show than any other show in the country, among which is the governor's cup, value \$50.

Governor Deneen was present and addressed the meeting. He told us in a convincing way that he was favorable to a state appropriation for whatever amount was necessary. He compared the poultry products to the wheat, also the dairy products of the state, and



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The original and for 32 years the leaders in the Dairy World Nearly 1,200,000 now in daily use

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The FAVORITE BAND THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c, 100 for 65c.

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Ideal Aluminum



LEG BANDS for Poultry and Pigeons are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on. Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-11c.

supply dealers sell them. Sample band and my price list mailed for 2c stamp.

Frank Myers, Mfr., Box 40, Freeport, Ill.

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. FRANK FOY, BOX B. - DES MOINES, IOWA.



Poultry Houses, Coops & Equipment

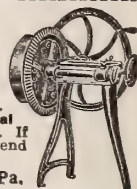
100 Pages - 93 Illustrations - 50 Complete Plans.

A book of the newest and best plans for large and small houses, coops, fixtures and utensils. All about Foundations, Frames, Roofs, Sills, Floors, Curtain-Fronts, Scratching Sheds, Roosts, Nests, Ventilators, Exhibition and Shipping Coops, Drinking Fountains, Feed Troughs, etc. Tells how to build better and cheaper. Worth \$1. Sent free with a year's subscription to Poultry Herald, edited by former successful manager of the world's greatest poultry farm. Each issue is full of what you want that month. Illustrated. Profit-Increasing Articles; Editorials; Turkey Dept.; Ducks and Geese Dept.; Questions Answered (free) Dept.; Poultry Dept., etc. Published 18 years. Monthly, 50 cents a year. Address: POULTRY HERALD, Dept. C, ST. PAUL, MINN.

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The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days' free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.

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PEARL GRIT POULTRY

Feed the egg producers Pearl Grit. They need it. It assists nature. Best results are always obtained when nature's way prevails. Pearl Grit is no experiment. Regular customers buy it year after year. It pays—that's why. Write for free booklet.

Ohio Marble Co., 709 S. Cleveland St., Piqua, O.



"TYCOS" Incubator Thermometer

supplied with any incubator, is the mark of quality which proves that the maker puts value into his machine, regardless of cost. Insist on the "Tycos"

Taylor Instrument Companies

ROCHESTER, N. Y.

said any state official would be favorable to and assist the poultrymen when we showed them our industry was of sufficient importance to justify it. He said the producers of wheat and the dairymen had been well organized, and they had shown them the importance of their industry, and now they were receiving substantial assistance; that it was up to us poultrymen to do likewise, and we would receive assistance also.

It was decided to ask for an appropriation of \$10,000 to be used for experimental work at the state college, also \$1,200 per year for salary for a state show secretary and \$2,500 per year for premium money.

So you can readily see, with this amount of money behind us, we are going to have a bumper big state show at Springfield this winter. The show will be cooped in empire coops and held in the State Armory, which will accommodate 5,000 birds nicely, and it was decided to try and get out that many.

After the meeting we repaired to the hotel, where a banquet was spread, after which Colonel Mills, who acted as toastmaster, made a few remarks and then called on the following editors present, who responded with many encouraging remarks: Hewes, Heck, Zimmer, Coleman, Joos and Otewell. Professor Barto, Dean of the State College, also stated what he had been able to accomplish. He reported having seven pens of birds, and that the Rhode Island Reds were away in the lead. He said the college would appreciate donations of pens of poultry, so if you wish to help on the good work here is a chance.

After this the ladies were called on and Mrs. Kate Maxey made a few remarks, as did Miss McClare, who has raised over 1,700 chicks this year; which, by the way, are also Rhode Island Reds. The meeting then broke up with the determination well set on a 5,000-bird show.

So we are going to have a rousing big show at Springfield, and you had better decide now that you will show at Springfield, January 2 to 7, 1911—and what's more, you had better begin to get your birds ready right now if you expect to win any of the big money and handsome silver cups we will offer, because it is going to take good top-notch birds to win. Welcome, one and all!

C. W. Zimmer.

The fighting colonel was reminiscent. "Geese saved Rome," he began as he lit his black cigar, "and, gentlemen, at the battle of Bull Run my men were saved by a flock of chickens dying in front of them. It was the greatest coup of the battle, sir."

"That's pretty good, colonel," laughed the comedian boarder. "I suppose you would call that a chicken coup."

"You are charged with stealing nine of Colonel Henry's hens last night. Have you any witnesses?" asked the justice sternly.

"Nussah!" said Brother Jones humbly. "I 'specks I 'se sawtuh peculia dat-uh-way, but it ain't never been mah custom to tuke witnesses along when I goes out chicken stealin', suh."—Central Law Journal.



Robert H. Essex

QUIC-MOLT is a new Specific originated and now put on the market for the first time by the Model Incubator Company. It provides a means to surely get more money—much more money from your fowls by securing early egg production. Write today for full particulars, telling how to molt your fowls to get winter eggs.

QUIC-MOLT is also in great demand by Exhibitors who wish to make their show-birds feather fast. It was originated by Mr. Essex, long experienced in exhibiting, and fills the need that Exhibitors have so long felt. The only requisite is that you should begin to use **QUIC-MOLT** at once. This is the season for it. The difference between having your show-birds just fit and having them unready makes a big difference in your winnings. Write today for full particulars how to make your birds feather fast and have brighter plumage.

AT THIS SEASON you may need some Poultry Remedies. If your fowls have Chicken Pox, Colds, Roup, Diarrhoea, Scaly Leg, Gapes, or any other disease, you should write for our Free Laboratory Catalog which describes the diseases and gives the remedy. **Model Poultry Remedies** are also Preventatives. They are put up in our own Laboratory under the personal supervision of our Chief Chemist; and are the most reliable on the market. Ask for **Model Remedies** and accept no other kind. If your dealer does not keep them in stock, ask him to get them for you or write direct to us.

MODEL POULTRY SUPPLIES ARE SUPERIOR

Model Poultry Supplies are Superior, yet they cost no more than the ordinary kind. Let your Food Holders and Wall Founts be of good, heavy, galvanized iron, well made; especially when they cost no more than the low-grade, easily-bent kind. See below the list of goods we manufacture. Every article made in our own Factory or Laboratory is guaranteed.

ASK YOUR DEALER FOR MODEL POULTRY SUPPLIES—THE BEST

Incubators	Roup Cure
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Thermometers	Gape Cure
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Lamps	Scaly-Leg Salve
Burners	Lice Spray
Colony Coops	Lice Dust
Brood Coops	Nest Eggs
Chick Shelters	Head-Lice Killer
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Charcoal	Chick Markers
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NEXT SEASON when you buy a Hatcher, remember that the **Model Incubators** and **Brooders** are recommended as the best by Leading Exhibitors, Big Farms and Experiment Stations. The Standard **Model** is the only Hardwood Incubator made—the best constructed, and the best appearing machine in the world.

Write for Free Catalog. It describes our full line of Superior Poultry Supplies. We want Poultry Keeper Agents. Write for Terms.

Model Incubator Company

(ROBERT H. ESSEX, Pres.)

The Terrace and Henry St., BUFFALO, N. Y.

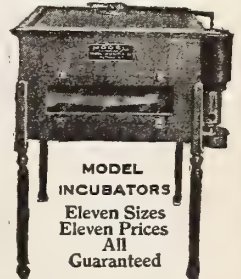


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A Specific for the Production of Early Feathers and More of Them



POULTRY REMEDIES.
Sold Also in Single Vials.



MODEL INCUBATORS
Eleven Sizes
Eleven Prices
All
Guaranteed



REGAL WHITE WYANDOTTES

SUMMER SALE LIST—Free: Send for sale list giving description of 179 breeding males and females I am offering for sale. The choicest lot of breeders ever put on the market. Must be sold to make room for young stock. Price of eggs balance of season, \$2.50 per fifteen; \$4.50 per thirty; \$6 per forty-five.

John S. Martin, Box 51, Port Dover, Can.

FOR SALE: AN EGG FARM!

Owing to circumstances which can be readily explained, I am offering the following described egg farm for sale

About six acres of ground with dwelling house, open front poultry house for 1100 layers and breeders, cement incubator cellar, colony houses, brooders, incubators and all necessary fixtures included, nearly all of which are as good as new. All buildings erected during the past year. Also include about 300 S. C. W. Leghorn breeders and 400 or 500 pullets. Yards fenced, the finest of water, feed grinder, alfalfa cutter, etc., operated with a gasoline engine in a cement floored feed house 20x30 ft. Part of land is in alfalfa; plenty of peach, cherry and pear trees. Land adjoining can be purchased if party wishes to enlarge. Have a private egg trade in Denver. Farm is four blocks from C. B. & Q. depot. Will sell the above described property for \$5,875. If sale is made by the last of September and a reasonable payment is made, can make arrangements for time on balance. Address

L. F. Caward

Ragan, Nebraska

Buff, Black and Pearl White. 1500 growing. Engage your show birds now. 30-page catalogue for a dime.

C. S. BYERS : : HAZELRIGG, INDIANA

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Victory for Bleakley's Buff Rocks

At America's greatest show. Send for my free catalogue which explains all. **J. J. Bleakley**, R. 3, Box B, Abilene, Kansas. Life Member A. P. A. State Vice president Buff Rock Club.

WHITE ROCKS

I have two very choice pens mated for the egg trade. Will spare a few settings at \$5 and \$3 for fifteen. Write for mating list or order direct from this advertisement, **W. N. Graham** : : **Bradford, Illinois**

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashtabula, Ohio.

S. C. BUFF ORPINGTONS

Eggs for hatching now half price, \$1 for 15; \$3 for 50.

H. Brevoort Zabriskie, 18 Elm St., Woburn, Mass.

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Books free. Rates reasonable. Highest references. Best services. **I PROCURE PATENTS THAT PROTECT.** **Watson E. Coleman**, Patent Lawyer, Washington, D. C.

**CAPONIZING INSTRUMENTS**

Milk Fever Outfits, Dehorners, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04; Chicago, '93. Illustrated cat. free. **Haussmann & Dunn Co.**, 392 S. Clara, Chicago

Old Dominion Strain....

of Barred Ply. Rocks won 1st and 4th prizes at Washington, D. C., 1909.

Chas. C. Wine : : **Mt. Sidney, Virginia**

HEWES' FARM BLACK LANGSHANS

Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

R. A. HEWES : : **CRETE, ILL.**

THE BEST REDS

IN AMERICA

are owned and bred by

Maltbie & Shelley, Geneva, O.
Successors to Robert C. Tuttle

The Eureka Trap Nest

The simplest, the cheapest and the best TRAP NEST on the market. Send for catalog.

Eureka Trap Nest Co., Willoughby, O.



Potter Perch Support

Best on the market
25c pair, \$1.40 doz.
Send for our circulars

The Potter Mfg. Co.
Sound Beach, Conn.



A live poultry magazine. Full of practical information. A notable series of articles entitled, "Natural Laws of Artificial Incubation," commenced in the April issue. Every poultry raiser should read them. A special offer of 25 cents a year is being made for a limited time to gain new subscriptions, although the regular price is 50c. Write at once, enclosing quarter.

The Happy Hen

225 Oliver Ave., Pittsburgh, Pennsylvania

THIRTY-FIFTH ANNUAL MEETING AMERICAN POULTRY ASSOCIATION. ST. LOUIS, MO. AUGUST 15-16-17-18, 1910.

Headquarters—Planters' Hotel. Convention Hall.

Order of business and program:

MONDAY, AUGUST 15, 1910.

9 o'clock a. m.—Meeting of Executive Board.

2 o'clock p. m.—Meeting of Executive Board.

TUESDAY, AUGUST 16, 1910.

9 O'Clock A. M.

Convention called to order by President C. M. Bryant, Boston, Mass.

Welcome address by W. W. Henderson, St. Louis, Mo.

Roll call.

Reading minutes of last meeting.

Report of Election Commissioner.

Election of Board of Review.

Appointment of Credentials Committee.

Report of Executive Board, on applications for membership, acted upon favorably, and charters granted to branch associations and its annual report.

Report of Secretary-Treasurer.

Report of Finance Committee.

Reports from and regarding each branch association.

2 O'Clock P. M.

Report of Board of Review (under suspension of rules).

Report of Committee on Credentials.

Report of Committee on Bureau of Lecturers. Mr. George D. Holden, chairman, Owatonna, Minn.; Grant M. Curtis, Buffalo, N. Y.; T. F. McGrew, Scranton, Pa.

Discussion.

Report of Secretary-Treasurer on result of contest for separate breed standard.

Discussion and action.

Lecture by Dr. George B. Morse.

WEDNESDAY, AUGUST 17, 1910.

9 O'Clock A. M.

Report of Artists on and exhibition of illustrations for the new Standard.

Discussion.

2 O'Clock P. M.

Exhibition of illustrations and discussions, continued.

Consideration of proposed amendments to constitution and by-laws.

Lecture by Professor A. A. Brigham.

THURSDAY, AUGUST 18, 1910.

8:30 O'Clock A. M.

Inauguration of officers.

New business.

Report of Executive Board on Licensing judges of poultry.

Report of Executive Board on additional applicants for membership.

Announcement by Executive Board of standing committees for current year.

2 O'Clock P. M.

Suggestion for the good of the association.

Election of Election Commissioner.

Recommendations of Executive Board.

Discussions.

Adjournment.

The Planters' Hotel has been selected as headquarters on account of its central location. A large convention hall and committee rooms are located on the second floor. The St. Louis committee has arranged for an information bureau, second floor, Planters' Hotel, where all visitors, members of the American Poultry Association, and others will be welcome. Hotel accommodations, excursions, visits, etc., can be arranged for. Let it be understood that the regular meetings of the American Poultry Association are

open to the public and we especially invite all who are interested in poultry culture to attend.

Members of the association will be recognized by wearing the American Poultry Association emblem button.

PAROID Roofing

F. W. BIRD & SON, Est. 1795

50 Neponset St., East Walpole, Mass.

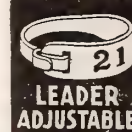
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Get our samples and prices before buying. Largest and best line on earth.

Smith Sealed. Used by America's leading fanciers. Prices: 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50; postpaid.

Leader Adjustable. Smoothest and most secure fastening ever invented. Prices, postpaid, 12, 15c; 25, 25c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1,000, \$5.25. Send stamp for sample. We make other styles.

KEYES-DAVIS CO., Ltd., Mfrs.

Dept. 502, Battle Creek, Mich.

The Only Incubator Correct in Principle

One gallon of oil—one filling of lamp, is enough for a hatch. Lamp in middle; door on top. Best ventilation and most uniform heat. X-Ray Incubators save oil, time, work, money. We control heat—others waste it. Different and better than any other. Write for free book.

X-RAY INCUBATOR COMPANY
1st St., Wayne, Neb.

**The Plain Mark.**

Note the secure snap fastening and large raised numbers of the aluminum

Convenient Leg Band.

The one really convenient marker. Bent ready for use.

Sizes for any breed. Prices: 12 bands 20c; 30 bands 45c; 60 bands 10c; 100 bands \$1.50. Write for sample—cheerfully sent free.

H. O. SHAW, Box 103, GRINNELL, IA.

**More Eggs in the next thirty days**

Feed your hens green bone, cut with a Stearns Bone Cutter. We will lend you one to try, free, for the next 30 days. If your hens don't lay lots more eggs, don't pay for it. Write to-day for catalog and booklet, "How to make poultry pay."

E. C. Stearns & Co., Box 5, Syracuse, N.Y.

**A GOLD MINE OF PROFIT!**

My QUEEN Incubator is a gold profit maker when used in summer or winter. Try it on my liberal plan. **SUMMER PRICES NOW.** I pay freight, give three months' trial and five year guarantee. Send for Free Catalogue and Poultry Guide.

Wickstrum, Queen Incubator Man.
Box 4, Lincoln, Neb.

**Banta**

The incubator that hatches strong chicks—Gives hatching service longer than any Guaranty—Get our Free Books—a valuable fund of Poultry Information.

THE BANTA-BENDER CO.,
DEPT. C, LIGONIER, IND.

Hens Produce Honest Eggs

Geo. H. Lee produces honest Incubators and Brooders. His 1910 Mandy Lee Incubator removes guesswork from hatching. The poultry raising industry has greater possibilities than ever before. It's profitable on small or large scale. Experience not necessary—just follow directions. Lee's "Chicken Talk" is a book written by Mr. Lee, himself. He wants you to have a copy, and his 1910 Incubator and Brooder catalog. Both FREE. Write to-day.

GEO. H. LEE CO., 1101 Harney Street, Omaha, Neb.

WHO'S WHO IN HENDOM

(Continued from page 978)

and make all the stock very hardy. He has put a lot of time and work into his matings and can tell in advance what his results are going to be. His trade is good, for he is an original advertiser and knows how to care for business that is intrusted to him.

The bantam fancy in America has hardly reached the stage that it has in England. England is the home of the fancier. It is the land of the big general prices, and none make application to have one's sanity judged if he asks a hundred pounds sterling for a bird. Pigeons over there bring as high figures as the best of general purpose birds do here.

But with the drawback of our youth against us we still make up for it with the zest that we enter the fancy. We go in, head over eye-brows, for whatever strikes us. This is so of Clyde Proper, who hails from the Empire state. Proper has been in the bantam game ever since I have been brouching off the hope extended in the poultry journals. I cannot remember a time when Proper's name was not in the bantam contingent. He is the man who made the Yellow Kid Buff Cochin bantams popular. That's proper!

Then comes J. Tart Welch with his largest flock in the world strain of Light Brahma bantams. These little beauties are really as practical as they are beautiful. They can lay eggs the season through and provide a meat of tender and juicy sort, though they are not as large as geese. Between Welch and Line Orr and some of the others who swoop down on the Garden every winter, they have a hot time in the L. B. bantam alley.

The Yellow Jackets are a strain of Buff Cochin bantams sheltered at the Monroe Yards, Syracuse. Go down there to see these little beauties and the proprietor will talk your head off on the fine points to be kept track of in growing bantams. He will tell you that too much range is bad for the right length of leg; that too much feed is poor for the size, and that color has a lot to do with the way the judge places the awards.

Fox, Dr. W. Y., was the man who for years bore the brunt of the bantam work alone when it came to Cochin bantams. We have not heard from him for some time, but understand that he still loves the birds and keeps some of the best of them. Cornman is another of the men who once made bantams a hobby and incidentally won a lot of prizes with his bantams of all varieties.

Zim, better known as F. B. Zimmer, who, with Drev., used to be the whole show at the Garden, is one of the best bantam men in the country, but he has been breeding beagles for some years and just is getting started again with more midgets. Ira C. Keller is another of those whom we all know has some grand Sebrights. He shows with the boys all over the country and cops out some of the big money from time to time. Earl Roberts has a big string of bantams and is a formidable enemy in the classes where the other fellow shows. He is a regular dictionary of what is what in bantams and will probably be until they cart him over the hill.

In the days when the old American

Fancier was issued from Jamestown, we used to know a lot about A. E. Blunk & Co., but they seem to have dropped from sight. There are two bantam cranks springing up every season where one was before, and this is partly to blame for the great revival in them that we are now witnessing. Lots of folks do not know that there are Barred Rock bantams. Many have never heard of Rhode Island Red bantams. Thousands of fanciers have never seen the colored Japs, Dark Brahmas, White Dotte, Partridge Dotte, Brown Leghorn bantams. We in America know little of the great variety of these pets bred in England, Japan, Germany, France and other fancier countries. But they are bred in great profusion and in numbers.

Great are the Bantam kings! Hail!
A. B.

NOTES OF THE MONTH.

It looks to us as if Henry Steimmesch's proposed amendment had a "not" too many in it.

One thing is a cinch: We are going to quit paying a lot of needless expenses to officers who are not on duty. This is what is termed as trimming expenses coming and going.

From an English journal we learn that jarring doors on incubator houses and cellars are the cause of crippled chicks. We had thought that too much heat was the real cause. If the temperature is right, there need be no cripples.

Henry Albers out there in California

has invented a chicken louse powder that he calls Devil's Dust. Pretty classy!

Last month I said something about Jack Johnson retiring. My fore sight is not as good as my hind sight. Jack will not go into obscurity for many a moon. They say he is going to start a chicken farm right next to Jeffries' alfalfa ranch.

There is no valid reason why thoroughbred Games should not be in the Standard. They are one of the oldest, if not really the oldest, fowl that has had continuous attention (for thousands of years) regarding the purity of their breeding.

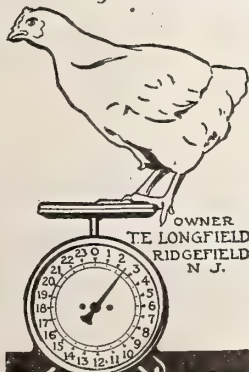
It seems that we made out that Purvis was a meaner man than he is. Last month we said something about him lambasting Quisenberry. He rises to explain and does explain to our satisfaction that he was tooth and nail for Tom in the last successful race he ran.

They do the chicken business out there in California in the thousands, while we are contented to handle it in hundreds. I note that one firm advertises that they want 5,000 pullets of the laying breeds. They will not have trouble getting them out there, for that is the home of the White Leghorn. Some day the Californians are going to ask that the White Leghorns have their name changed to White Californians.

Some of our western readers ask us what has become of Anna L. Pinkerton. It is about time that she gave us some of her Pacific coast poultry experiences.

At This Time of the Year There is No Substitute For Park & Pollard Growing Feed

Hatched
March 22, 1910
Weighed
May 22, 1910
Raised on
Park & Pollard
Growing Food
Can you beat it?



The more your hens weigh when you take them to market the more money for you.

An extra pound in weight and a bigger egg yield if you insist upon Park & Pollard Growing Feed.

That is why you cannot afford the "just as good" kind—a substitute. This month keep Park & Pollard Growing Feed where your hens can get at it all the time. Price \$2.25 per hundred pound bag. Dependable foods cannot be made for less money.

For other monthly hints and valuable poultry information write today for our Poultry Almanac, worth \$1.00, but absolutely free.

Ask Your Dealer

If he cannot supply you we will make special prices in five-bag lots. Send today anyway for samples.

Park & Pollard Co. 30 Canal and 139 Friend Sts.
Boston, Massachusetts

We have seen nothing of that publicity work that President Bryant's committee was to undertake. Of course, Reese gets in his work, but what of the balance of the workers?

Collier is doing his best to organize the state of Washington into an A. P. A. branch. The meeting to get things started will be held during the state fair this fall. Colorado has started in for a branch and it is but a matter of time before the A. P. A. will get on a representative delegate basis, with each delegate doing the bidding of his branch.

The agricultural department of Purdue University held an egg show recently, which was the hit of the season in university circles.

Poultry gives us a few samples of rotten express charges. We have all seen fragrances of this kind, but as long as we go ahead voting for congressmen who are hand in hand with the express robbers, and lend our influence to the election of senators whose office costs them ten times the salary they get out of it, we will have these rotten express-charge charges. First, let us all work for a parcels post. This will help to lower rates on many an article shipped by express.

The licenses for judges are going to get buried. It is the sentiment of the poultry fancy. Licenses will not make a judge do better work, nor will they keep the old timers who are doing good work out of a job. The license of popular opinion is the only.

It certainly looks like a big meeting

at St. Louey this year. The Poultry Item is trying to get easterners in its section stirred up in advance so that all can go in a body and have a car and possibly reduced rates.

It seems that the idea of the amendment proposed, that of having a mail vote on amendments to the constitution, is overlooked. Members have a vote in the election of officers and yet have nothing to say, unless they spend a nice two hundred or so to get to and from the annual meeting, about the rules and regulations that govern them. We believe that a mail vote on amendments would give a member a few more privileges. We know it would create a heavier vote and a lot more interest. It is about the same as the referendum and the recall that all us citizens are in favor of.

Topeka is spreading herself. They should hold a big show there and will if that staff of stockholders counts for anything.

Emma J. Mellette is contributing some good stuff to the poultry press again. We are glad to have her back in the fold.

If the matter of getting out a new Standard comes through in good shape we will all be glad to see it. If it does not we will all be glad to get at some plan that will fix the responsibility definitely and firmly on the shoulders of a committee when we have the work done again. We dare say that if this work had been turned over to a firm of publishers it would have been completed by this time and never a hitch would have occurred. The work would have been

done as well or better possibly, cheaper, quicker and with less expense to the association. Too many cooks have dipped into the pie. Too many folks have had to get in their work.

THINGS WORTHY OF THE CONSIDERATION OF THE AMERICAN POULTRY ASSOCIATION.

1. The American Poultry Association should seek to get governmental aid for a national and for state poultry experiment stations. The politicians, the railroads and the corporations get what they want from our national and state governments because they go after it, but the poultryman sits at home, smokes his pipe, trusts to luck and Providence and don't get a smell. We believe a committee of the right sort of men could be chosen to so organize the members of the A. P. A. and prepare facts and figures, and bring such influence to bear upon Congress that it would not refuse to make a liberal appropriation for poultry experiments and poultry education. The government is now appropriating several thousand dollars to each experiment station in our several states for investigation in all other branches of agriculture. Why should not poultry be included? We believe that if the proper effort was made our national government would appropriate several thousand dollars each year to each state for poultry investigation, as it is now doing for other things. Surely they would not utterly ignore what Secretary of Agriculture Wilson says is the second most important crop of the farm, being only exceeded by corn. This committee on appropriations could also prepare literature, give aid and suggestions, and help organize the poultrymen in each state where they were making an effort to secure a state appropriation, either for an experiment station, a chair in poultry husbandry, state show or for other purposes. We find one reason our states do not get more money for poultry work is because they do not go about it in a proper and systematic way.

2. The statement that a member of the A. P. A. gets very little benefit that an outsider does not get, and that the members are not getting the benefit they should, is too true. We must make the association mean more to its individual members. We attempted to write a letter recently to our friends in this state, soliciting their application for membership, and we had difficulty in enumerating many special privileges and benefits to members only which would be calculated to persuade many of them to turn loose of their \$10. We have allowed the work of getting out the Standard to overshadow everything, else of interest or benefit to the members. Notwithstanding this fact, members are coming in by the dozens, expecting some real good to come to them in return. The association is getting top heavy, and if we do not adopt some plan of making the association of greater real value to its individual members, we may look for a reaction that will not be best for the association. Even now, with the right of voting by mail ballot as one of our few privileges, so little does the association mean to its members that only about half of its members manifest enough interest in its future welfare to even avail themselves of this privilege. We believe we have men in the association big enough to solve this problem,

RINGLET BARRED PLYMOUTH ROCKS

Have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned. Eggs, \$4; two settings, \$7; three settings, \$9.50; four settings, \$12.

F. R. Green, One of the oldest breeders of Barred Rocks in the West; at it over 21 years; Lake City, Ia.

MOORE'S S. C. WHITE LEGHORNS

BARGAINS in females from exhibition matings. 100 utility hens for sale, \$1 and \$1.25 each. Eggs half price.

MOORE BROS. : : : : : MOSCOW, NEW YORK

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Will save your chicks from LICE AND MITES. If your dealer does not handle it, send direct to us. 200-lb. sack, \$2; freight prepaid east of the Missouri. For further information, address

Poultry Dust Bath Co., Box M, Whiting, Indiana

EXHIBITION BARRED ROCKS

Six extra fine breeding pens for sale headed by Chicago winning males at special bargain prices.

Standard Rock Farm :: Truckenbrod Bros. :: Mendota, Illinois

Webster's White Rocks

Eggs at Half Price—For the balance of the season I will sell eggs from my best pens at \$1.50 and \$2.50 per fifteen. Mating list. They are pure Graves Strain.

C. F. Webster : Box 99 : Girard, Penna.



1st Cock, Indianapolis, 1909

KLINE'S WHITE WYANDOTTES

Grandest flock of young stock coming on that I have raised in 18 years; bred from winners at Chicago, Boston, Indianapolis, Pittsburg, Guelph and other shows. Latest winning: Pittsburg, 1, 2 cock; 1 pullet; 3 cockerel; silver cup for best pullet. Am especially strong in cockerels for Dec. and Jan. shows. I know I can please you because I have the quality. Free circular showing my winners.

Geo. M. Kline, Box 64, Downers Grove, Illinois

and we don't think they should be long in undertaking it.

3. This is a time when people by the thousands are beginning to turn their attention to poultry breeding—some because of the high cost of living, some because of the high prices being paid for poultry and eggs, and for various other reasons. People, as never before, are looking for information as to the best system of raising poultry, the best appliances, the best remedies, the best incubators, the best brooders, the best poultry, etc. At such a time as this fakers, swindlers and systems flourish and find a ready sale for anything they have to offer, and by liberal advertising they rob the innocent and uninformed beginners in poultry culture of hundreds of thousands of dollars, and we believe we would be safe in saying it is running into the millions. Thus, the farmer and would-be poultry fancier loses his money, fails with the system, etc., becomes disgusted with the whole business, brands poultry fanciers as a set of fakers and swindlers, and says there is nothing to the poultry business. It seems that the American Poultry Association should have a committee whose business it should be to investigate things of this nature and to attempt to eliminate the untruthful and misleading advertisements, the dead beats, and to protect the public as far as possible from poultry crooks of all kinds. The poultry journals and the association should be kept informed as to these parties, and the government would prosecute all such parties who do their swindling by use of the mails. The A. P. A. is falling far short of its duty if it does not undertake some method of purifying the poultry business and of protecting the uninformed and saving the innocent public the hundreds of thousands of dollars which are now being taken from them by systems, fakers and swindlers in the poultry business. Of course we cannot hope to ever eliminate this entirely, but we can prevent it to a great extent and make it harder for such to exist. The poultry industry is too great a business and the American Poultry Association is too strong and dignified an organization to permit such to be longer practiced without its disapproval and exposure.

4. We should endeavor to simplify and establish a more uniform system of score-card judging. There is not a judge in the business who can tell you offhand the exact value given by the present score card to each section of every variety in the Standard. For instance, in the shape of the back the values range from 5 to 12 points. Some other sections vary about as much. With such a system as our present score card it is a Chinese puzzle—so much so that the best judges do not apply it with any degree of uniformity, and for a young judge or a breeder to attempt to remember the values given different sections in all varieties is simply out of the question. The shape of the back of one variety is no more important than that of another. If either is wrong, it is wrong, and is no more right in one than another, and should be cut accordingly. A wrongly shaped back in a Plymouth Rock is just as serious and should be cut and given the same consideration that a judge would give the same defect in the back of a Leghorn or of any other variety. A score card of the right kind is a good thing for private judging, small shows, and for the inexperienced, and the

members of the association should not be denied one that would be of some value and have some meaning. But the present score card is in disrepute in many sections, and it is a snare and a delusion, and the A. P. A. should busy itself in working out a score card that will be simple, and can be readily applied with some degree of uniformity and can be easily understood.

5. The American Poultry Association is not doing what it should for the commercial end of the poultry industry. With rank and file the raising of poultry is a dollars-and-cents proposition. Fancy poultry could not long exist without commercial poultry, and the commercial poultry is also dependent upon the fanciers to a great extent. Then why should we devote all of our thoughts and energies to one side of the question, which we are in reality doing at present? The commercial poultry far exceeds the fancy in dollars and cents, yet we would not advocate doing the less for fancy poultry, but undertaking more along commercial lines. We do not believe our work should be confined to shape and feathers alone, but to educational questions as to how to raise more and better poultry, and how to get the greatest financial returns for our investment should also receive due consideration at the hands of the A. P. A.

6. The highway robbery of the express companies, and the great loss to seller and purchaser of stock and eggs, occasioned by poor service, by negligence and rough handling, must be dealt with seriously by our association. The individual shipper is practically helpless, but if we go after these companies in dead earnest we can ac-

complish something as an association. We believe if we had a committee to whom the losses could be reported from the breeders in each state, the figures themselves would stagger us until we would become desperate, and we would appeal to those in authority so convincingly that they would not refuse to act in our behalf. The parcels post would go a long way toward relieving the difficulty.

7. The American Poultry Association has become a mighty organization, and its business transactions sometimes involve thousands of dollars. As a matter of protection to the organization, it seems that it would not be out of place for the association to discuss the advisability of the selection of an official attorney to whom questions of contracts and legal matters could be submitted. We would not have to go outside of the association for counsel. The same is true with reference to an official artist. An official attorney need not cost the association much except in cases of litigation, but an official artist is almost as much needed as an official secretary, especially since we are to get out a separate breed Standard each year, and the drawings for the Standard of Perfection run into the thousands of dollars.

8. The A. P. A. government should be made more representative. The various branches could hold their annual meetings and select their delegates to the national meetings. Under our present system only a few from a distance can afford the expense of attending the annual meeting. Then the business of that session is largely dependent upon the members of the particular section in which the meeting is held. It is

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NORTHUP'S S. & R. C. MINORCAS

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Ckls. and Pullets. Our Single Comb Black Minorcas have never lost a special for large size, and have won more than 3,000 prizes for our customers. Our R. C. B. Minorcas have won more first and second prizes than all competitors combined. Large catalogue free. :: GEO. W. HEY, Successor to Geo. H. Northup & Son, R. 6. Raceville, Washington Co., N. Y.

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You do not need a farm to do it. A patch of a few square rods will give you a better profit than you can make out of a 100-acre farm.

For over 30 years the price of ginseng has been steadily advancing, never going down. And you are always sure of a market. A great Chinese importing merchant who came to America last year to arrange for larger future shipments reported that America could not possibly glut the Chinese market in the next 50 years.

The World's Greatest Paying Crop

Prices last year ran up to and even above \$8 a pound. Profits are truly wonderful after you get started. A single acre, rightly cultivated, may be made to produce many thousand dollars a year. Even if you have a farm you can't afford to let the ginseng bed go. If you haven't a farm, use the back end of your lot, but get your bed started now. In 3 or 4 yrs. it will be making you big money.

We are headquarters for the genuine seed of the American variety. Start in right—don't make the mistake of planting the Japanese ginseng which is nearly worthless. Our excellent book will tell you everything you want to know—all about planting, growing, drying, marketing, all about varieties and where and how to sell to get the high prices. We will gladly mail you a copy free. Write for Ginseng Booklet A.

Newtown Producing Company, Newtown, Bucks Co., Pa.

not, therefore, representative of the entire association.

9. Our present system of licensing judges means practically very little. Our best judges do not think enough of the license to even state, on their stationery that they are "a licensed A. P. A. judge." We believe there should be a set of questions prepared each year by a committee for that purpose, and each branch have an examining board consisting of the best judges in the branch. Then let the applicant attend the branch meeting, do some judging, answer the questions and be examined by the board the same as our teachers, lawyers and doctors are examined before they are permitted to teach or to practice law, or medicine. Then these answers and the report and recommendation of the examining board could be submitted to the executive board of the A. P. A. and the license issued or refused.

10. Our Standard is forcing the breeders of some varieties to double mate in order to meet the requirements. By so doing it is forcing the breeders of such varieties to have double the amount of stock, double the housing, yarding, feed and equipment to produce a given number of exhibition birds that is required of some other varieties. While this may enrich a few fanciers who are experts in the business, yet it is a great loss and detriment to the rank and file of the breeders of those varieties and to a large majority of the members of the association. By this forced double mating the pullets in the cockerel line are worthless except as breeders or for market purposes, and the same is true with the cockerels in the pullet line. A few years ago 90 per cent of the poultry produced upon the farms in this state were of one of these varieties which are now required

to double mate, but the farmers and the amateur exhibitors became disgusted with trying to produce them to meet the present requirements of the Standard, and they have discarded this variety for varieties which can be bred by single mating. Why should any breeder be forced to keep two pens of one variety to get show specimens in both male and female, when he can take one pen of some other variety and get as many show specimens as he gets from both the other pens? The policy of the American Poultry Association should be to do the greatest good to the greatest number, and should not work hardships upon some varieties to the advantage of others, or upon the masses to the advantage of a few.

11. It seems that the institutes held in connection with our annual and branch meetings should not be neglected. We should have the most able men in the association speak upon various topics of vital importance to the breeders, and we should send all delegates and visitors back to their homes filled with good things to put into practice in their own yards, and to instill new life and new ideas into the work in their respective states and branches. This part of our work should be enlarged upon.

12. We attended the last annual meeting at Niagara Falls, and it seemed to an outsider that too much of the association's business was transacted by the executive board. A good part of the time was spent by this board in passing upon questions which seemed to us should come before the entire convention. The members of the association had assembled for the purpose of transacting the business of the association, some of them coming hundreds of miles, yet each day on several occasions they were kept waiting and

waiting, long over the time for the session to open, for the executive board to adjourn its meetings. It seems that much time is wasted in that way, and as the members have met for the purpose of transacting the business of the convention, that all business should come before the association proper. As a newly elected member of the Executive Board, we prefer that the members be given the opportunity to pass on all business of the convention when they are in session, that the sessions begin on time, and then after adjournment or between sessions or annual meetings we believe is the proper time for the Board to act. We do not believe that the Executive Board should take up the time or the business of the members, when the members themselves are in session. The members get tired waiting, drift off into sight seeing, and lose interest in the convention.

13. We believe the separate breed standards should be published without delay. We do not see what can be gained by delay. The breeders of the different varieties will be willing to pay nearly as much for a separate breed standard as for one of all varieties, as most of those who buy the standard are interested in only one variety anyway. It will not cost the association as much to get these out as the complete standard, and be a greater profit in them compared to the cost than in the complete standard. The association should not delay this work longer.

14. If the association would select committees of three members each, these committees to be composed of able and representative members from the various sections represented by the association, it would give more members some particular work to do; it would interest them in the work of the association, and give representation to all territory in which we have members. We need a committee on appropriations and legislation; committee on investigation as to fakers, systems, etc.; committee on standard bred poultry; committee on commercial poultry; committee on instruction and institutes; an examining board for judges license; an official attorney; an official artist, and such other committees as we need to represent all branches of the industry. Have these committees make an annual report to the convention, and have a general discussion of the report and the subject by the members, and we feel safe in saying it would prove to be one of the liveliest and most interesting and helpful meetings ever held by the association.

These are a few of the many questions which we believe should receive the serious consideration of the members of the American Poultry Association, if it is to grow and be of a permanent and increasing value to its individual members and to all branches of this great industry. We would be pleased to hear from the members of the association, if they have suggestions of interest to the welfare of the association.

T. E. QUISENBERRY,
Columbia, Mo.

The above article by Mr. Quisenberry affords much food for thought. This is a great age for improvements, conditions are changing, the number of people taking up fancy poultry is increasing very rapidly. We must change our association to keep abreast of the times and improve it to meet the pres-

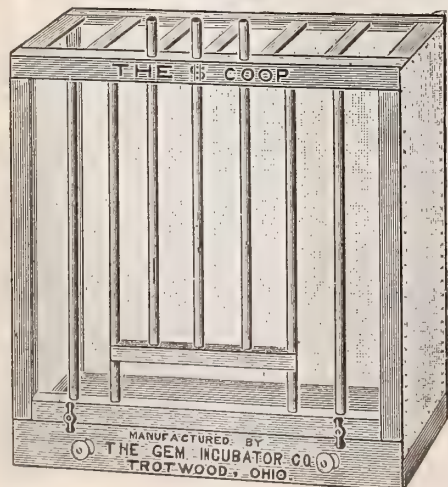
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We offer our yearling breeding hens at one dollar and a half per bird. This is a chance of your life to get a start with the famous LAKEWOOD FARMS strain of Single Comb White Leghorns. These birds will be shipped direct from our Lakewood plant.

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Be Ready For the Fair With This Coop



A large stock of all standard sizes ready to ship the day your order is received. A complete FOLDING COOP made from light, sound lumber; neat, strong and attractive, each compartment full standard size, 24x24x30; price \$1 up; DISCOUNT ON LARGE ORDERS, SHIPPING COOPS, 20c up. We have made Coops and cooped shows for the past fifteen years and know your requirements.

Somerset, Pa. Association bought \$300 worth last season; entire satisfaction.

E. Massey, Mystic, Iowa, says everybody thought them the best in show.

Consolidated Poultry Yards Co., Canton, O.: "We trained, shipped and showed in them, are as good as ever today."

S. T. Keyes, Boston, Pa.: "Received Dollar Coops, are satisfactory."

Oconomowoc, Wis., Association: "We have the best cooped show in Wisconsin."

Yarlan Poultry Co., Lima, Ohio: "Shipping Coops O. K."

Order sample from this ad; it will prove their great value. Satisfaction guaranteed or money returned. Circulars free.

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Box B, :: Trotwood, Ohio

ent conditions by incorporating such changes as will further advance the production of fancy poultry and further protect our members who are engaged in the industry.

We agree with Mr. Quisenberry that nearly all the suggestions offered by him would be for the betterment and advancement of the A. P. A. and the whole poultry world.

Consider these suggestions well and come to St. Louis and offer your suggestions and you may rest assured some good progressive measures will be passed.

POULTRY EXHIBIT AT THE ILLINOIS STATE FAIR.

The premium list governing the awards for the great Illinois State Fair is now ready for distribution, and every poultry fancier should have one.

The fair opens Friday morning, September 30, and will close Saturday afternoon, October 8. Special attention of exhibitors is called to the many new offerings in the premium list. The Illinois State Fair, with its immense buildings and beautiful grounds, is considered the most complete of any fair grounds in the world.

WHITE WYANDOTTES—Duston's. Young and old stock if taken at once. Write for prices. Wm. Schreck, Box 619, Waterloo, New York. 8-1

SILVER LACED WYANDOTTES
A few extra fine birds at reasonable prices. I have the finest lot of young stock I ever raised. Place your orders now for the birds you wish to show at the fall fairs and early winter shows. **Clare E. Hoffman, Allegan, Michigan.**

THORNILEY'S ANCONAS

Greatest winter layers ever produced. Strong, healthy, well mottled birds for sale. Circular of stock, eggs and day-old chicks mailed free.

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IRON RAT-PROOF COOP

All galvanized iron. Dry and warm. Protects chicks. Real help in breeding. Easily taken apart and stored. Write for free circular. **DES MOINES INCUBATOR CO., 244 Third Street, Des Moines, Iowa.**

Planet Jr. Farm and Garden Tools

Get largest crops with least work. Write today for 1910 illustrated catalogue.

S. L. Allen & Co., Box 1107T, Philadelphia, Pennsylvania

White Orpingtons

Eggs from Crystal Palace and New York winners. Select matings. Write for prices. **LOUIS LEE HAGGIN, Russell Cave Poultry Yds., Lexington, Kentucky**

BINDER

Attachment with Corn Harvester cuts and throws in piles on harvester or winrows. Man and horse cuts and shocks equal with a Corn Binder. Sold in every state. Price \$20 with Binder Attachment. **S. C. Montgomery, of Texaline, Tex.,** writes: "The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kafir Corn and Maize last year." Testimonials and catalog free, showing picture of harvester.

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1911 CONTRACTS FOR

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We will hatch no more chicks this season. We are adding 50,000 capacity to our machines and are now taking contracts for 1911, delivered in lots of 500 and up. State what kinds you want and get our proposition.

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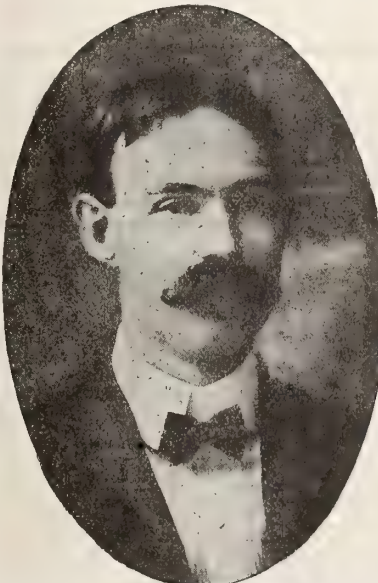
GINSENG

Cultivated Ginseng and Golden Seal seed and roots now ready for planting. My book, "Culture and Profits of Ginseng and Golden Seal," with prices of seed and roots, free. Send for it.

D. BRANDT, Box 301, Bremen, Ohio.

Last year the poultry show at the Illinois State Fair was conceded by the fanciers, judges and editors to be one of the most artistically arranged and best conducted shows in the United States, and considering the great interest taken by the breeders in the state of Illinois and the advancement of poultry culture throughout the state, the show this year will surpass any that have gone before.

The poultry building is the finest of its kind in the country, and is cooped throughout with the beautiful new Empire coops. This year the State Board of Agriculture is offering larger premiums than ever before. It is the intention of Superintendent George Cooper and his assistant, O. L. McCord, to make this strictly a fancier's and breeder's show, therefore the specialty breeder need not hesitate to send his birds, as every precaution will be taken in caring for the stock while on exhibi-



E. E. Wilson, Indianapolis, Ind., recently elected state vice-president of American Black Minorca Club.

tion, and will be shipped to the owner at the close of the fair. Feed will be furnished free of charge to the exhibitor, so it will not be necessary for them to accompany their stock unless they wish to do so.

A large tent will be erected just north of the poultry building, which will be headquarters for the Illinois State Poultry Association and the meeting place of all specialty clubs.

In connection with the poultry department, on the last four days of the fair a Poultry Institute will be conducted. Papers will be read and talks made by the following well-known poultry fanciers and others: Judge D. T. Heimlich, Jacksonville, Ill.; Theodore S. McCoy, Springfield; Judge Theodore Hewes, editor Inland Poultry Journal, Indianapolis, Ind.; Col. Charles F. Mills, editor Farm Home, Springfield; Hon. A. G. Murray, Springfield; W. H. Shaw, Canton, Ill.; Prof. D. O. Barto, State University; Dean Davenport, University of Illinois; R. T. Cameron, Ottumwa, Ia.; Will Ottwell, of Ottwell's Farmer Boy, Carlinville, Ill., and Hon. W. P. Holliday, Danville, Ill.

Thursday, October 6, will be ladies' day at the institute. Mrs. Laura B. Evans, of Taylorsville, Ill., one of the

SINGLE COMB BLACK MINORCAS—Northrup Strain. Will sell stock cheap if taken at once. Write for prices. **Wm. Schreck, Box 619, Waterloo, New York.** 8-1

140-EGG INCUBATOR, \$7.55!!

Best ever made. Double walls, copper tank, self regulator, thermometer, egg tester, etc. All complete. Brooder \$4.50. Both \$11.50, freight prepaid. Book free.

Belle City Incubator Co., Box 27, Racine, Wis.

S.C. RHODE ISLAND REDS

Blue Ribbon Strain—Eggs and stock at bargain prices. **Pheasants**—Will also spare a few settings of Ring Neck Pheasant eggs at \$2 per 15.

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Carter's Barred Rocks

Excelsior strain. Bargains in breeders and eggs. Extra values at \$6 to \$15 each. Some crackerjacks pullet bred.

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To please the most painstaking breeder or may at once be returned at my expense. Describe your exact wants. : : : : :
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BOOKS FOR SUMMER READING

Big variety standard fiction, educational, boys and girls. All given for just a few moments of your spare time. Do not cost a penny. Send name and address for catalogue and big offer.

Reward Bureau, No. 25, Springfield, Mass.

Colored Leg Bands



for poultry and pigeons, all colors, all sizes. 12 for 25c, 50 for 85c, 100 for \$1.50. Catalog and samples 2c stamp. **A. P. SPILLER, Dept. A, Beverly, Massachusetts.**

R. C. REDS

The World's Best. Work and Win strain. All my breeders for sale at a bargain.

Anna M. Lembke, Mgr., Route 5, Griswold, Iowa

PERFECT PORTABLE POULTRY HOUSE

Affords perfect laying conditions the year round for a dozen hens. Ready built, durable, convenient, two-story, arranged to give standard room inside. Put together in twenty minutes with wrench furnished. Price, complete with roosts, nests, trough and hopper and with full instructions for care and feeding to produce eggs at seven cents per dozen, \$25.00, freight prepaid. Incubators, brooders, shipping coops, exhibition coops. Send for descriptive circular.

The Owen Company, South St., Allegan, Mich.

The Buffalo Incubator

Made by

Chas. A. Cyphers

Has Made Good

THE Crystal Springs Poultry Co., Oil City, Pa., markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent of fertile eggs taken off this season—ninety-three per cent.

"We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world beater."—**Patrick McEvoy, Mgr.**

Send your order today. Prompt shipment guaranteed. State size wanted and enclose price with order. I guarantee the Buffalo in every way to be the best incubator ever offered at any price.

50-Egg, \$ 8.00 200-Egg, \$15.00
100-Egg, 11.00 300-Egg, 20.00
Indoor Brooder, \$7.00 Colony Brooder, \$10.00

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CHAS. A. CYPHERS

President Buffalo Incubator Co.
4700 Ellicott Square, Buffalo, N. Y.

trustees of the State University of Illinois, will have charge of the program, and the following ladies and others will take part: Mrs. H. C. Wilhite, Greenfield, Ill.; Mrs. C. L. Carney, Charleston, Ill.; Miss Kate Maxey, Curran, Ill.; Miss Lottie Jones, Danville, Ill.; Mrs. J. W. Clary and Mrs. D. T. Heimlich, Jacksonville, Ill.; Mrs. Lindsey Reese, Pana, Ill.; Mrs. A. H. Floyd, Golconda, Ill., and Mrs. C. L. Bushman, Indianapolis, Ind.

Attention, Poultry Exhibitors!

When making your entry do not forget: Birds entered in single classes cannot compete for breeding-pen prizes, and birds in breeding pens cannot compete for single prizes. Pens should be shipped together with the leg bands on each bird, and marked on the outside of the shipping coop whether for single class or breeding pens.

For any other information regarding the Poultry Department at the Illinois State Fair, address O. L. McCord, Danville, Ill.

THE APPALACHIAN EXPOSITION.

The Appalachian Exposition Poultry Show, which will be held from October 5 to 12, is being given such encouragement from breeders and exhibitors all over the country that the largest and best exhibition of fancy chickens ever seen in the South is easily assured.

The Exposition Poultry Show Committee consists of the following representative poultrymen, who are hard at work on the many details of the big show: L. B. Audigier, chairman; John E. Jennings, secretary; J. H. Henderson, J. C. White, E. E. Carter, R. P. Williams, W. J. Fraser, Knoxville; Mrs. S. C. Bridgewater, Dixon Springs, Tenn.; John A. Murkin, Nashville, Tenn.; C. O. Harwell, Atlanta, Ga.; W. C. Cleckley, Augusta, Ga.; J. P. Swift, Waynesville, N. C.; J. E. Hage, Asheville, N. C.; B. S. Horne, Keswick, Va.; T. S. Meek, Wheeling, W. Va.; A. K. Kessler, Huntington, W. Va.; C. F. Ward, Winter Park, Fla.; L. C. Marsh,

Washington, Miss.; C. T. Fallin, Greenville, S. C.; C. H. Dozier, Marion, Ala.; W. H. Hofferbert, Gadsden, Ala.; F. L. Smith, Lexington, Ky.; John H. Good, Louisville, Ky.; J. G. Blair, Carlisle, Ky.

A large, well-lighted and ventilated building, covering 20,000 square feet of floor space, has been erected especially for holding the live stock, dog, poultry, pigeon and pet stock shows, and ample room will be supplied for 3,000 birds. The dates for these shows are as follows: Live stock, September 12-17; dogs, September 21-24; pigeons, September 27-October 1; poultry, October 5-12.

The judges for the poultry show are: J. H. Drevenstedt, 3065 Decatur avenue, New York City; W. Theodore Wittman, Allentown, Pa.; F. J. Marshall, College Park, Ga.; D. M. Owen, Athens, Tenn. The show will be held under the rules of the American Poultry Association, and all awards will be made by comparison. Entry fee: Single birds, 50 cents; exhibition pens, \$2.

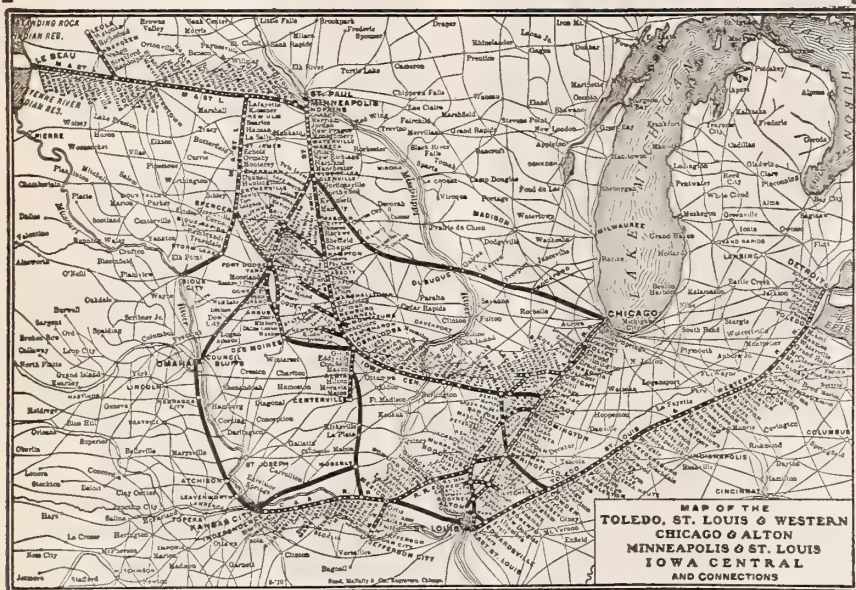
A Poultry Institute will be held during the week, conducted by Judge S. T. Campbell, secretary-treasurer American Poultry Association. Robert R. Slocum, of the United States Department of Agriculture, Washington, D. C., will deliver an illustrated lecture. Other speakers are Prof. A. A. Brigham, Brookings, S. D.; Reese V. Hicks, Topeka, Kas.; Judge S. T. Campbell, who will lecture on "Breed Types" and illustrate with live poultry; James G. Halpin, of Wisconsin, who will speak on the subject, "Winter Egg Production," and Thomas S. Meek, secretary West Virginia branch, A. P. A., who will talk on "A Plea for More Institutes."

The complete premium list is now ready.

ALLENTOWN FAIR POULTRY SHOW FOR 1910.

W. Theodore Wittman, superintendent, writes us that the judges this year will be: W. C. Denny, Rochester, N. Y.; George O. Brown, Baltimore, Md.; Fred Huyler, Peapack, N. J.; F. W. Rogers, Brockton, Mass.; David Nichols, Shelton, Conn.; W. Barber, Toronto, Canada; Rudolph Weissfurt, Philadelphia, Pa.; William Ehringer, Philadelphia, Pa.; also that there is every promise of the usual good and big show. The premium list, which will be out on or about August 1 and which can be had by writing to the superintendent, will show that in the classes, rules and arrangements Allentown has not been standing still, but doing better than ever for both the poultry and pigeon fanciers. Other poultry judges, notably a water-fowl judge, may be added. As this is being written the 748 new additional poultry water-fowl display and pigeon coops, made especially by the Empire Cooping Company, are being placed in position. Entries positively close Friday, September 9, and no officer, employee, or judge can enter or be interested in any birds entered. Entry fees: Poultry, \$1 each; pigeons, 50 cents each. First prizes: Poultry, single bird, \$4; exhibition pen, \$20; pigeons, \$2 (two only to fill a class). Railroad facilities and express accommodations A1, and show a three-day, daylight show only. A fine place to sell birds and do business, as Allentown lies in the heart of the richest agricultural and manufacturing district in America, while the fair itself

HERE IS THE MAP



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Or any local agent of the above lines

has the reputation of being one of the oldest, biggest and best fairs in the country. Try Allentown this year.

ATLANTA, ILL., FAIR.

The Golden jubilee of the Atlanta, Ill., Fair Association will be held August 30-September 2. This is one of the most successful associations in the country, and the prizes given in all departments are very liberal. F. R. Clark, Bloomington, Ill., the well-known dog fancier, is assistant superintendent of the dog department, and he wishes to call our readers' attention to the \$150 cash offered in prizes in this department, besides other specials. The entry is free. Address B. I. Pumpelly, secretary, Atlanta, Ill., for a copy of premium list.

REMEMBER CHICAGO.

The second annual exhibition of the Great Mid West Poultry and Pet Stock Association will be held in the Coliseum Building, Chicago, Dec. 8-14, 1910. The association offers \$49 in cash on every breed and variety—standard and non-standard.

Empire cages will be used in all departments. The following judges will award the prizes in the Poultry Department: Geo. F. Burgott, Sharp Butterfield, Thos. Faulkner, A. F. Kummer, Chas. V. Keeler, O. L. McCord, W. C. Pierce, W. S. Russell and Jas. A. Tucker. Premium list, Nov. 1.

THEO. HEWES, Secretary,
Indianapolis, Ind.

NOTICE.

A meeting of the Poultry Judges' Association is called for 8 p. m., Monday, August 16, 1910, at the Planters' hotel, St. Louis, Mo. All licensed judges are invited to attend.

200 SELECTED RECIPES Send 4c in stamps for a copy of the "ENTERPRISING HOUSE-KEEPER," containing these famous recipes. Address

The Enterprise Mfg. Co. of Pa., Dept. 33, Phila.

MAKE YOUR HENS LAY Standard Bone Cutters cut green or dry bone. Sent on 10 days' free trial. Guaranteed best bone cutter or money refunded. Eleven sizes. Catalogue and trial order blank sent free.

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Milford, Mass.

MAKE HENS LAY By feeding raw bone. Its egg-producing value is four times that of grain. Eggs more fertile, chicks more vigorous, broilers earlier, fowls heavier profits larger.

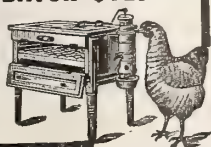
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Cuts all bone with adhering meat and gristle. Never clogs. 10 Days' Free Trial. No money in advance.

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200-EGG INCUBATOR \$12.80

This perfect 200-egg Wood-
en Hen at \$12.80 is a
startling trade innovation.
It will do the work of the
most costly hatcher, and
always keeps in order.
Hatches every fertile egg.
Catalogue with fourteen
colored views sent free.
GEO. H. STAHL, Quincy, Ill.



GET EGGS NOW

Humphrey's newest book, "The Golden Egg," will show you how to get eggs all winter, and from 150 to 250 eggs a hen a year. I will give you, FREE, my secret of reducing feeding cost one half and of doubling your poultry income.

Humphrey, White Street Factory, Joliet, Ill.

Where Humphrey's Bone Cutters, Clover Cutters, Brooders and other Poultry Helps are made.

CHICK-CHAT.

On to St. Louis!

Hail! hail! the gang will all be there.

It looks like Boston for the next. Buffalo, Detroit and Toronto will be heard from later.

We fear Link Orr won't register at St. Louis. The August climate there doesn't suit, or is it on account of his Alpha-Meal business?

Have you used Alpha-Meal for growing chicks and laying hens? If not, why not? We think it the best ever.

A large delegation from Canada will attend the A. P. A. meeting and we are also reliably informed that the East will send its share.

We hope we can make this and renew acquaintances. The American Poultry Journal will be represented just the same, and the meeting promises to make a new record.

Have you taken advantage of the special sale season now upon us? This is the time for the breeder to plan ahead and to secure some real bargains in breeders for next season.

Owen Farms have issued a splendid circular, which also contains the news that they don't expect to exhibit this year. This will give their customers the advantage of securing some of the birds they would otherwise have to reserve. Think this over.

Mr. Owen surely has nothing to gain by exhibiting at this time. The record his birds have made for some years is a foundation upon which he may well rest for a year or two, and this action on his part again proves him a leader and the liberal, broad-minded man we have known him to be.

We lately had a visit from Mr. G. L. Wheeler, Penn Yan, N. Y., the well-known breeder of S. C. White Leghorns. Mr. Wheeler reports a great season with eggs for hatching and a strong demand for fine breeders now. He has about 500 chicks out and insists that we must go and see them.

Since our trip among the Pennsylvania and New Jersey breeders in the spring we have almost daily received letters urging a return engagement for this fall. That surely is great poultry territory and we do hope to again cover the same route and also make some others we missed.

New York is booked for two shows this winter. The Grand Central Palace show will be held November 18 to 24 and the usual Madison Square Garden show, with the Hon. H. V. Crawford at the wheel, December 27 to 31.

A Coming Statesman—Teacher: "Bobby, you were not at school yesterday." Bobby: "Nope, was paired with Skimpy Jones."

The unanimous reelection of both President Bryant and Secretary Campbell are well deserved honors. We hope to vote for both again.

The great Philadelphia show will be

held December 12-17, 1910, and will initiate the show season of the great Eastern shows. President Henry D. Riley, Strafford, Chester county, Pa., will gladly supply all information.

The great New York show will be held at Madison Square Garden, New York city, the last week in December. We hear from reports that the doors will be closed until the judging is done, which will be completed in one day. A grand idea.

Allentown Fair Poultry Show, Allentown, Pa., Sept. 20-23, 1910. W. Theo. Wittman, Supt.

The Inter-Mountain Four-State Fair, Ogden, Utah, Sept. 23-29, 1910. I. L. Reynolds, Sec.



Crown Bone Cutter

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 801, Easton, Pa.

BEST MADE
Lowest
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PAGE FENCE

is woven from heavy high-carbon spring-steel wire; easiest and cheapest to put up. Lasts a lifetime. Catalogue from Page Woven Wire Fence Co., Box 222, Adrian, Michigan.



POULTRY FENCE

STOCK STRONG--RUST PROOF
Bottom wires 1 inch apart.
Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for catalog. The Brown Fence & Wire Co. Dept. 3 Cleveland, Ohio



FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free.

COILED SPRING FENCE CO.
Box 82 Winchester, Indiana.

15 Cents a Rod

For a 22-inch Hog Fence; 16c for 24-inch; 19c for 31-inch; 22c for 34-inch; 27c for a 47-inch Farm Fence. 60-inch Poultry Fence 37c. Lowest prices ever made. Sold on 30 days trial. Catalog free. Write for it today.

KITSELMAN BROS.,
Box 295, MUNCIE, IND.

FOR BREEDING and GROWING
STOCK NOTHING EQUALS

Economy Beef Scrap

THE QUALITY KIND

Guaranteed Analysis 65 per cent protein. \$3.25 per hundred F. O. B. Buffalo. Write for sample and discount on quantity orders.

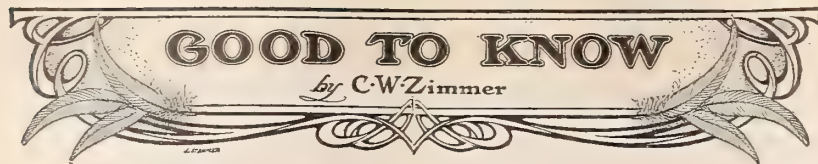
The Economy Meat Food Co. : : Buffalo, New York

ONLY THE BEST S. C.

BROWN LEGHORNS



Males with best stripe in hackle and saddle; females with the fine penciling and even color that wins everywhere. They have won fifty first prizes. It pays to get eggs from birds that have been bred right. Eggs now one-half price. Circular free. W. H. Wiebke, Box 348, Ft. Wayne, Ind.



This department is open to all readers and advertisers in the central territory, and they are invited to send in all poultry news items that come to their attention. Address C. W. Zimmer, 358 Dearborn Street, Chicago, Ill.

A good hen does business every day. And then she lets us know by cackling.

If there is nothing doing she keeps "mum."

All live fanciers "cackle" (advertise) in American Poultry Journal—and there is always something doing in the way of returns.

Are you cackling in American Poultry Journal? If not, why not?

The best you can get seems to be about the worst of it—unless you advertise in the American Poultry Journal.

When a fellow can't smile—his face needs fixing.

You will always smile if you advertise in American Poultry Journal.

Why should cocks be the smoothest of birds known?

Answer—Because they always have a comb about them.

What is the difference between a hen and an idle musician?

Answer—One lays at pleasure, and the other plays at leisure.

Why is the first chick of a brood like the main mast of a ship?

Answer—Because it is a little ahead of the main hatch.

Why would a compliment from a chicken be an insult?

Because it would be foul language.

What bird is in season all the year?

Answer—The weather cock.

When is a lady's arm not a lady's arm?

Answer—When it is a little bare (bear).

Elsewhere in this issue will be found a letter addressed to the Wayne Poultry Tonic Company, Fort Wayne, Ind., giving a strong testimonial on the merits of their Little Red Hen Poultry Tonic.

Eleanor, aged six, had been going to school only a few weeks. She had learned to raise her hand if she wanted anything. One day she put this into effect when she was sent to the chicken house to get the eggs.

Just as she reached the chicken-house door her mother heard her say: "All you chickens that have laid an egg, raise your hands."—The Delineator for July.

The Chicago market reports gives an advance of 1 to 3 cents per pound in the price of poultry.

S. A. Noftzger has applied for admission of the Partridge Plymouth Rock. You should support his petition when it comes up. They are well worthy of admission.

Judge W. E. Stanfield, Hillsdale, Mich., goes to the Pacific coast to fill several judging engagements during the last of November and through December. Mr. Stanfield is also a prominent breeder of White Orpingtons.

The White Feather Poultry Farm, H. T. Whitney, proprietor, Rocky River, O., is offering his ten pens of S. C. White Leghorns for sale at bargain prices. These birds contain the blood lines of Mr. Whitney's "Snow Fluff Strain," which were the winners in keen com-

petition at the late Cleveland show and, further, have a reputation as egg producers. You would do well to correspond with Mr. Whitney if in need of S. C. W. Leghorns. He is also offering some early pullets suitable for show purposes. His ad is to be found elsewhere.

The good word comes from L. C. Buschman, 4939 North Meridian street, Indianapolis, Ind., that he has 2,000 fine Rose Comb R. I. Reds, some of which are now ready for exhibition purposes. Our readers remember the many first and special prizes won by Mr. Buschman at our leading shows last season, and these young birds are bred from these prize winners. Being mated by Mack Pierce, the quality is assured. Mr. Buschmann is also offering some of his breeding birds at reduced prices. You should have his book, "How to Mate, Breed and Judge Reds." This book is sent to all who enclose 20 cents. Mr. Buschmann's ad appears elsewhere.

Lloyd C. Mishler, R. F. D. 1, North Manchester, Ind., who made a clean sweep of all first prizes at the late Chicago Show in R. C. Black Minorcas, is offering some of his fine breeding specimens at right prices. His young stock will be ready for the fall fairs. If you want to win, write Mishler.

E. E. Wilson, Indianapolis, Ind., has just had the honor to be elected state vice-president for Indiana of the Black Minorca Club. It will be remembered by our readers that Mr. Wilson has been capturing the first prizes in hot classes on his Minorcas for some time. He won the state championship last year and again this year.

This should convince you of the quality of Mr. Wilson's birds. Personally Mr. Wilson has the necessary qualifications and will make a very efficient officer.

A. P. A. CACKLES.

The latest cackles from the A. P. A. nest say the first session of the convention at St. Louis will be called to order at 9 a. m., Tuesday, August 16, 1910.

EVERYTHING FOR POULTRY KEEPERS



WE MANUFACTURE SEVENTY-TWO DIFFERENT ARTICLES for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

Incubators
Brooders
Brood Coops
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Egg Packages
Egg Testers
Caponizing Sets
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Developing Food
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Forcing Food
Laying Food
Short-Cut Alfalfa
Shredded Alfalfa
Meal Alfalfa
Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies

Lice Powder
Lice Paint
Napcreol (Disinfectant)
Anti-Fly Pest
Egg Preservative
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports

Roofing Paper
Spray Pumps
Powder Guns
Wire Fencing
Bone Cutters
Chick Markers
Bone Mills
Root Cutters
Nest Eggs
Poultry Books

OUR COMPLETE CATALOGUE FOR 1910 Consists of 160 pages, 7½ x 10 inches, and contains an illustrated description of all goods we manufacture. Tells about freight rates, gives prices, etc. Contains five instructive chapters on successful incubating, brooding, feeding, heavy egg yields, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

THIS BIG CATALOGUE and Poultryman's Guide is **FREE** postpaid to any address if you will kindly mention that you saw our advertisement in this paper. Note below our six places of business in the United States which insure low freight rates and prompt delivery of goods. Address Home Offices or Branch Store nearest you.

CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y.

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COMPLETE FREE CATALOGUE AND ANNUAL POULTRYMAN'S GUIDE

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2325 Broadway

OAKLAND, CAL.
1569 Broadway.

Are you coming to St. Louis?

The one breed above all others that should be admitted at St. Louis is the Partridge Plymouth Rock.

We have seen flocks of these fowls that had fewer culls than many of the old varieties and specimens in the show room that were close to perfection. Certainly they are a beautiful fowl and entitled to recognition.

Here's for Denver next!

U. R. Fishel and T. E. Quisenberry will take their seats as members of the executive board of the A. P. A. Both Fishel and Quisenberry are known to be hustlers, so there will be something doing.

We wonder if the same stenographer will report this meeting—oh, prunes!

German breeders, attention! Anheuser Busch—that's all.

Breeders of Hamburgers and Laken-velder are included.



BUFF WYANDOTTE HEN.

Second prize St. Louis, 1907; first Evansville, 1909; second Cleveland, O., 1909; first Youngstown, O., 1910. Score 94½. Owned by F. A. Poertner, Berea, Ohio.

Many recruits will be added to the above varieties during the meeting.

We advise those from dry districts to stay home, for their name will be "Mud" after drinking Missouri river water for a week.

If the good feeling among certain members of the A. P. A. continues to improve at the rate it has lately, we should not be a bit surprised to see a quartet composed of Frank Heck, John H. Robinson, Reese Hicks and Grant Curtis, with Theodore Hewes playing the calliope, render the following ditty, to the tune of "Has Anybody Here Seen Kelly:"

"Has anyone here seen Bryant—
B-r-y-a-n-t?"

Has anyone here seen Bryant?
A good old scout is he!

His tie is red and his hair is gray;
He is president of the A. P. A.,
And we will listen to his say

When the Reds come up to have their day.

Has anyone here seen Bryant?"

All members will please attend the convention adorned with all the prevailing chanticleer paraphernalia.

POULTRY DISEASES And How to Prevent Them

BY J. C. NUCKOLS

Free Book—Saves Chicks

THOUSANDS of young chicks die because poultry-raisers lack the valuable information given in this book. As manufacturers of the celebrated

ESSO CHICKEN CHARCOAL

(Re-Carbonized—Twice-Burnt)

we have a personal interest in saving these young birds and will be glad to send a copy of Mr. Nuckols' book postpaid on request to every poultry-fancier. There is no "string" attached to this offer—the book is as free as air to you.

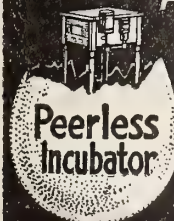
You can also have a small sample package of ESSO Re-Carbonized CHARCOAL free for the asking. Or if you prefer a larger package, inclose seven cents in stamps to pay cost of mailing.

The S. Obermayer Co., 641 Evans St., Cincinnati, O.

A Word to Poultry Supply Dealers:

You can greatly increase your sales of charcoal. We arrange, wherever possible, to deliver the free book and samples to poultry-raisers through a local dealer, to whom all inquiries are referred. Write for our liberal proposition to dealers.

ARE YOUR INCUBATING EXPENSES TOO HIGH?



Cut them down by using my **Tandem Thermostat** and **Acme Trip Burner**. Fits any incubator or brooder.

PEERLESS INCUBATORS AND BROODERS have many improvements over others, covered by my patents—you can get them only in a **Peerless**. My **New Lampless Brooder** is the best on earth—no lamp, no expense to operate. I manufacture every attachment to enable you to remodel any incubator and make it better than it was when new. Get my **Free Book of Plans** and complete catalog—it shows you how to build your own incubator. Write me today about the poultry supplies you need.

H. M. SHEER CO.,

BOX A5, QUINCY, ILLINOIS.

\$12,000 From Plain Poultry IN EIGHT YEARS!



No fake "Secrets," no humbug "System," no cooped fowls, but a **PRACTICAL, open-air BUSINESS METHOD** of making every hen pay a clear profit of over \$4.00 a year. **GRUNDY** Fireless Hatcheries and Brooders, Vermin-Proof Coops, Food-Saving Feeders, Dirt-Proof Water Fountains, Hen-Protecting Nests, Lice and Mite-Killers, Chick and Laying Hen Foods and everything you need. Better than any others and cost **LESS THAN ONE-THIRD** as much. See my free Booklet.

F. GRUNDY, Poultry Expert, -- Morrisonville, Illinois.



RIPPLEY'S FLY REMOVER & LICE KILLER

Saved One Customer \$75 that used it on 5 Cows 90 Days in increased flow of milk. It protects all cattle and horses from flies, lice and insects all day in pasture or barn. Has stood a 10-Year Test. Non-poisonous, fine disinfectant. Cows sprayed with it give 1-3 more milk, at a cost of ½ cent per day.

if it falls to protect animals. Prices—send \$1.00 for enough, and sprayer to apply it, to protect 3 cows 30 days; 5 gallons, \$4.25, to protect 5 cows 90 days, 10 gallon, \$8.00, protects 10 cows 30 days; ½ bbl., 30 gallons, \$30.00; 50-gallon bbl., \$30.00. 4-gallon Automatic Sprayer, will spray 25 cows in 10 minutes, or whitewash buildings, \$5.00. Booklet free of Fly Remover, Whitewashers, Sprayers, Cookers, etc.

RIPPLEY MFG. CO.,

Dept. 27, CRAFTON, ILL.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question—(1) Will you kindly tell me through the columns of your paper what is the trouble, cause and cure of my chicks? They were apparently healthy otherwise and would suddenly go blind; their eyelids would stick together and after washing would for a short time be all right; then stick again and finally die. (2) Is there danger of feeding too much dry ground bone, and if so how much should be fed to chicks under six weeks old? How much to old hens? Is it better burned? (3) My hens have been laying good all season and have very suddenly taken to egg eating. No change in feed rations. Can you tell the cause? (4) I wish to install an incubator capacity for next season for about 1,500 eggs. Would you advise small incubators, say of 200 egg capacity, or one large machine? (5) We have plenty of milk to feed young chicks and also for old fowls. Is it better to feed sweet or sour? Or should it be fed in both conditions? (6) I can build house for incubator from stone as cheap as lumber. Which is best? W. H. B.

Brownlee, Sask.

Answer—(1) This is usually caused by breeding from diseased stock or stock that has had the roup. There is no cure. (2) One ounce three times a week to chicks, two ounces three times a week to old birds is sufficient. It is no better burned. (3) This is caused

by a lack of lime. Feed plenty of oyster shells. (4) We would advise the use of the smaller machines for this number of eggs. (5) Either way is all right, but we prefer the sweet. (6) We prefer lumber.

Question—Why is it that nearly all the cockerels we have caponized have puffed out on the sides and had to be pricked to let out what seemed to be wind several times? They eat and seem to be well, but puff out hard and tight, and as this has been our first experience in caponizing would like to know what is wrong.

Iberville, La.

Mrs. F. M. V.

Answer—We are unable to say. Will some of our readers please answer?

Question—(1) Out of a setting of pullet line of B. Rock eggs do the chicks come in different shades of color? (2) Would a cockerel out of the pullet line that is dark and snappy in barring make a good breeder? (3) Does the Standard allow for any variation in color in show birds? If so, how many shades? (4) Does the Standard answer such questions? (5) Is there any work on how to breed and fit B. Rocks for the show room?

Baronet.

S. F. Y.

Answer—(1) If properly mated the pullets should be nearly all one shade. (2) He might. (3) No. (4) The Stand-

ard gives full description of what a Barred Rock should be. (5) See our list of books in this issue.

Question—(1) I would like to get some information in regard to Indian Runner ducks. Would like to know something of their origin. (2) What should the color of the pure bred ducks be? (3) Will they breed true to color? (4) What should be their standard weight? (5) Do you think a good laying strain of these ducks will lay as many eggs as good laying hens will? (6) What is the best feed to feed laying ducks? (7) At what age will they begin to lay if properly fed?

Jonesville, N. C.

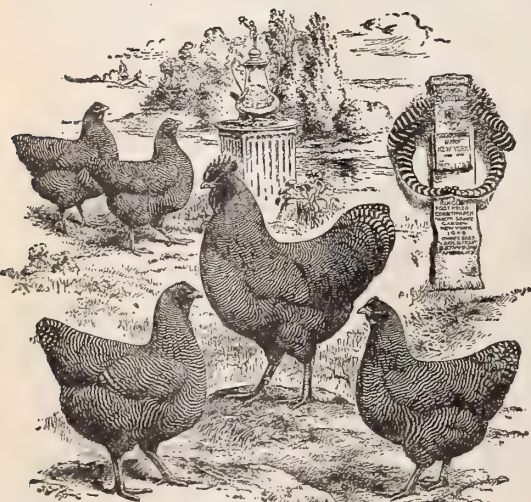
P. W. E.

Answer—(1) They are natives of India. (2) Light fawn and gray. (3) Yes. (4) Drake 4½ pounds, duck 4 pounds. (5) No. (6) Our book on Duck Culture will give you this information. Space will not permit here. (7) At about six months.

Question—(1) I have a coop the inside dimensions of which are 7 feet 3 inches by 11 feet 2 inches. How many Leghorns can I keep in there during the winter and how many perches (the length also) and nests do I need? (2) On my older chickens' legs the scales kind of separate and the sand gets in, the legs lose their yellow color and the chickens pick at them. Is this what you call scaly legs or is that the way with all old chickens? (3) I have a R. C. W. Leghorn cockerel that began crowing when it was 1 month 21 days old and annoying the old hens when it was 2 months 4 days old. Will the eggs from his pen be unfertile? (4) Are the R. Comb and S. Comb White Leghorns equal for laying purposes? Iron Mountain, Mich. H. C.

"Ringlet" Bargain Sale

For 1910 is the Event in Barred Ply. Rocks



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

My Special Sale List is now ready for mailing, and I am glad to offer to the people all over the world the most striking price reductions and the most emphatic bargains ever set in type.

This is now the time to call upon the almost unlimited resources of my "Ringlet" Farm and secure New York Winners and Sons and Daughters of New York Winners and birds of this New York line of blood at the marked down bargain prices.

Birds bought at the prices in my Special Sale List will pay you extraordinary dividends

The list covers emphatic bargains in single birds, pairs, trios and breeding pens and lots to meet the needs of all, no matter whether wanted for fine breeding or exhibition in competition that you feel will be the strongest. They are mated by me personally; which insures the best results.

The "Ringlets" are the proud product of more than a quarter of a century of Barred Rock breeding; they have the most fashionable barring and even blue color of the present day. They sell when no others will by reason of their matchless quality. "Ringlets" are known in every land and play their part in the commerce of the world.

It will be to your interest to have this Special Sale List and take advantage of this opportunity to buy now at the cut down bargain prices. It is sound business judgement to buy what you want when offered for dollars less than it is worth—it is justice to yourself and economy. Whatever may be your wants in Barred Plymouth Rocks you will find it in my Special Sale List at Bargain Sale Figures. The List will be mailed promptly upon request.

Eggs from the World's Best Exhibition Matings. Elegant 58-page catalogue upon application.

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ON BACK COVER

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

Answer—(1) Fifteen. One perch, full length of building. (2) Scaly leg is the forming of a crust or scab on the leg. See our Poultry Doctor book for full description. (3) We cannot tell. (4) The Single Comb White Leghorns have been bred to a greater degree of perfection as layers than the Rose Combs.

Question—Would a rock base concrete block poultry house be practical, or what are the faults, if any? I do not see any in this part of the country. Dayton, Ohio. S. G.

Answer—A concrete block poultry house is practical if properly constructed to avoid dampness.

Question—(1) At what age does a cockerel have to be to become a cock? (2) How many hens should I mate to a two-year-old cock to have fertile eggs? (3) I only feed one regular meal, and that at night, with plenty of table scraps, and green stuff during the day, and my fowls seem to thrive and do well. Would you advise more feed and oftener? (4) How much oats would you advise for one cock and ten hens (Columbian Wyandottes)? (5) What causes the feathers to be bare on the breast of my Cornish Indian Games? Their breast bone is perfectly bare; seems to be almost raw. L. D. M.

Answer—(1) One year. (2) Not more than ten. (3) If you are getting good results from your present system of feeding, don't change it. (4) As much as they will eat up clean. Oats will not make them too fat. (5) Lice is probably the cause.

Question—(1) We have some Black Minorca chicks. Would it be best to mate a rooster out of the same setting with the pullet, or should we exchange roosters? If we do not exchange roosters will the chicks from these chickens be less vigorous and smaller? (2) Most of our chicks were hatched in April; when ought they start to lay? (3) Which are the best layers, Black Minorcas or Single Comb White Leghorns. W. H.

Salem, Ohio.

Answer—(1) Unless you understand the system of line-breeding it would be best to procure another male bird to mate with your pullets. (2) By the middle of October. (3) The Leghorns will probably lay more eggs; but the Minorca lays the largest eggs.

Question—I would like to have you tell me through your monthly about the cause and cure of the wheezing which has troubled my hens since last March. They seem to gasp for breath at times and make a most distressed noise, holding the beak open. Often when eating they make this noise. Some of them have recovered; others are still troubled and are quite thin in flesh. It is not roup, as the head does not swell, and there is no discharge from the nostrils. I put camphorated vaseline on the throat and a little in the mouth. W. A. P.

Carlisle, Mass.

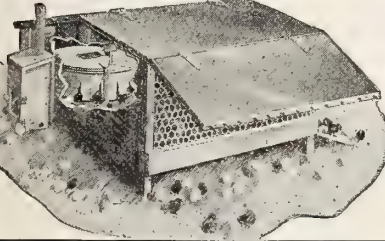
Answer—This is bronchitis, caused by a severe cold. Heat a kettle of water to the boiling point, then add a few drops of carbolic acid. Hold the head of the fowls over the kettle and let the fowl inhale the vapor arising from the boiling water. A few treatments will generally effect a cure. See our

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Question—(1) Why is it that all the large egg farms are stocked with White Leghorns instead of Buff or Brown? (2) How long are they kept as egg layers before replaced? (3) Is there a ready market for the old stock or is the meat too tough? (4) What month should one hatch Leghorns for winter eggs? A. B.

Fargo, N. D.

Answer—(1) Because the White Leghorn has been bred for egg production to a greater extent than the others. (2) Two seasons at the most. (3) There is always a ready market for poultry. (4) April, May and June.

Question—(1) Would it degrade the quality of my stock to mate the cockerels and pullets of one hatch? (2) What is line breeding? (3) How large a house does it require for fifty chickens, Leghorns-Brahmas? (4) Is oats a good feed in the sheaf? Athens, Ohio. H. L. M.

Answer—(1) Yes. (2) See article in this issue. (3) A house 12x24. (4) Yes.

Question—(1) Habits of the guinea fowl? (2) Care and management? (3) Market for the stock? C. L. M.

Royal Oak, Mich.

Answer—The book, "Guinea Culture," will give you more information than we can in this department. Price, 25 cents. Guineas are being raised very extensively in the southwestern states at the present time and are being marketed in the large cities, where they are being used in place of wild game. There is a big demand for them, and this demand is rapidly increasing.

Question—Will you please give me through the columns of your paper the Standard size of exhibition coops for chickens? H. H. H.

East Liverpool, O.

Answer—24x24x30 inches.

Question—(1) How many B. P. Rocks can I keep in a house 10x12 and a run 75x20? (2) Is a tin brood coop unhealthy for chicks? (3) What is the best cure for scaly legs? (4) What should a B. P. Rock cock weigh? Thanking you in advance for your favors, I remain, J. J. P.

Germantown, Pa.

Answer—(1) About 35. (2) No. (3) Sulphur ointment. (4) Nine and one-half pounds.

Question—(1) Let me know what is the cause of turkeys' heads swelling up on one side, run sideways and seem to be blind, but won't move until made to? Head keeps on swelling for a few days and then they die. (2) Is one gobbler enough for twelve hens? Central Lake, Mich. M. D.

Answer—(1) This is what is known as black head. There is no cure that we know of. See our "Poultry Doctor" book for full particulars about this and other poultry diseases. Price, only 50 cents. (2) Six females to one male is about right proportion.

Question—Will you kindly answer in your "Question" column of the next issue of American Poultry Journal whether New Haven, Conn., and that vicinity desire a brown-shell egg in preference to a white-shell egg, and if

Look Him Right In The Eye



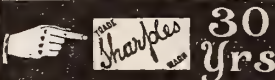
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the New York market is the reverse, preferring a white egg? A. F.

Brooklyn, N. Y.

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Question—(1) Which makes the best winter and early spring pasture for chickens, rye, wheat or winter oats? (2) Are eggs that are tested out (unfertilized) fit for any use? If so, what, and how long will they keep? W. E. W.

Hidalgo, Ill.

Answer—(1) Rye. (2) Unfertilized eggs that are tested out the third or fourth day may be used for cooking purposes. After the fourth day they should be used for feed for the little chicks. They should not be kept for any great length of time.

Question—I have fourteen Rose Comb Rhode Island Reds that are two months old. When they were about three weeks old the front half of their comb got a dark blue and is that way yet. I feed the prepared feeds and table scraps. Is this a serious trouble? If so, what is cause and remedy? W. F.

Steward, Ill.

Answer—This is probably indigestion. Give plenty of green food and grit; also see that your brood coops are properly ventilated.

Question—What is the matter with my young chickens? They stand around with their eyes closed; they eat heartily; have free range to oats, and I feed corn and wheat. They were hatched by hens. Freetown, Ind. M. F.

Answer—An overabundance of lice is the trouble. Procure some good lice powder and use as directed.

Question—(1) How many points should there be in the comb of a Single Comb White Leghorn cock or cockerel? Is six or seven too many or four not enough? (2) How many White Leghorns can be kept in a divided house 15x10, making two parts, each 7½x10, with a yard about 7½x20 for each pen? (3) In a double-walled house, well covered with roofing material, if the windows are replaced by muslin ones, does there need to be curtains in front of the roosts? (4) Last winter when I went out in the morning the walls inside were covered with frost. Can you give the cause of this other than the hens keep it warm while on the roost, and after they get off in the morning it grows cold? H. K. D.

Essex Junction, Vt.

Answer—(1) Five points. (2) Twelve in each pen. (3) Yes, in a cold country like Vermont. (4) This is caused by poor ventilation. Where the house is properly ventilated frost will not accumulate on the walls.

Question—(1) Is poultry raising practiced extensively on the Pacific coast, especially in the states of Washington, Oregon and nearby states? (2) How do you figure the climate there would be adopted to general poultry raising? (3) Do you think it more preferable climate in Washington than here in Iowa, where we have very severe weather, both hot and cold? M. L. P.

Council Bluffs, Ia.

Answer—(1) Yes. (2) Good. (3) Yes. The Pacific coast is rapidly forging to the front in the production of poultry, and some of the largest and most successful poultry farms in the world are located in California. There are several good poultry papers published on the coast, including the Pacific Poultryman, Seattle, Wash., and the Petaluma Weekly Poultry Journal, Petaluma, Cal.



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For over a quarter of a century the name of D. Lincoln Orr has been favorably known to the poultryman as a breeder and fancier and manufacturer of poultry foods. In this time he has also been favored with election to the highest offices within the gift of the American Poultry Association, and his contributions to poultry literature have received world-wide recognition. From first to last and at all times Linc Orr has held the confidence of his fellowmen, and in particular the esteem of the poultrymen.

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Write for samples and further particulars. Address D. Lincoln Orr, Box 5, Orr's Mills, N. Y. H. P. Schwab.

"THE WYANDOTTES."

We are just in receipt of a revised edition of a book entitled "The Wyandottes," published by the Reliable Poultry Journal, Quincy, Ill., and find that it is an authoritative text book and instructive treatise devoted to the different varieties of the Wyandottes, viz.: Silver, Laced, Golden, White, Buff, Black, Silver Penciled, Partridge, and Columbian. The text and illustrations are based on the changes to appear in the 1910 American Standard of Perfection, and the book is invaluable to breeders of Wyandottes who wish to anticipate future Standard requirements. It was edited by J. H. Drevenstedt, a breeder and judge of twenty-five years' experience.

"The Wyandottes" consists of 160 pages, 8½x11½, printed on first-class paper, and is bound in heavy paper, with a handsome embossed cover design. It is fully illustrated by Franklane L. Sewell, A. O. Shilling, I. W. Burgess and others, and in addition to eight full-page latest type Wyandotte charts by Sewell there are three Sewell color plates of Silver Laced, White and Partridge Wyandottes.

The price of "The Wyandottes" is \$1 per copy, postage prepaid. Send your order to American Poultry Journal, Chicago, Ill.

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A most practical corn harvester is made by the New Process Manufacturing Company, of Salina, Kan. It will do almost anything that a corn binder will do, and costs only a fraction as much. With it a man can cut and shock from four to six acres a day, and it is so simple in construction and operation that a boy can run it. It has been sold in every state in the Union and has given universal satisfaction. It will pay for itself in less than one season, and is so compact and well made that it will last for years.

If you will write them, mentioning this paper, they will send you full particulars.

Frank J. Overstreet, Kiowa, Kan., the old and well-known breeder of Barred Plymouth Rocks, has some choice stock that he is anxious to exchange for some of Uncle Sam's promise-to-pay. Mr. Overstreet has in the past produced some exceptionally fine specimens and is now prepared to supply the wants of those who desire good stock and at prices that are right.

George M. Kline, Downers Grove, Ill., the man who knows how to produce good White Wyandottes, reports some extra good cockerels this season and says they will be sure winners at the coming shows. Better secure one now while you can get first choice. Write him and mention American Poultry Journal.

G. A. Barnett, R. 1, Clinton, Ill., reports 200 fine Barred Rock cockerels ready to ship, and if taken soon will sell for \$3 each. Later these birds will be priced at \$10. Now is your opportunity. Order one or more today, and mention American Poultry Journal.

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We will sell eggs from our best pens of Buff and Black Orpingtons during months of July and August at \$2 per setting of fifteen.

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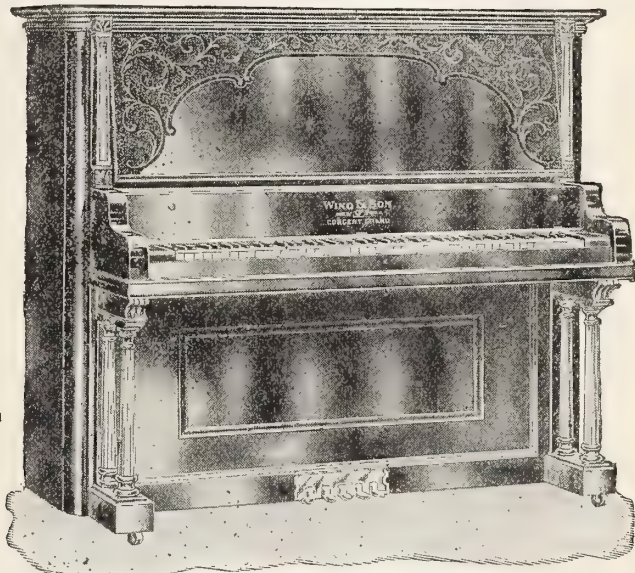
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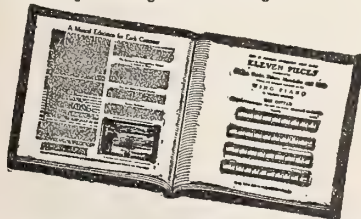
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PHEASANTS — HEALTHY YOUNG Ringnecks, English and China, also young **Amherst cocks**. Fifty Single Comb Buff Orpington pullets at \$2 to \$4 select ones. Twenty-five cockerels, \$2.50 to \$5 and a few better ones. Also Kellerstrass White Orpingtons. Eggs in season.

J. V. MILNER

Bloomington, Illinois

12-09-1yr



WHITE PLYMOUTH ROCKS, FISH and Foy strains. Four years have been devoted to breeding a high grade of layers. Good as the best, \$1.50 per 15 eggs; \$7 per 100. Satisfaction and honest goods at reasonable prices is our aim. U. A. FOSTER, Manager, Coesse, Indiana

3-10-1yr



CRAWFORD'S ROSE COMB BROWN Leghorns win at Madison Square, third cock, second cockerel, second and fifth pullet, second pen and gold special, silver cup and gold special on variety at International, Buffalo. Stock and eggs. Circular.

JAMES CRAWFORD

3-10-1yr Cameron Mills, New York



I WANT YOUR ORDERS FOR EGGS and stock and have the birds to back me up. S. C. Br. Leghorns exclusively. I won first pen at Youngstown. 15 eggs \$3 and \$5. JOHN JENNESS, 46 Eastbrook Street, New Castle, Pa.

2-10-1yr



BARRED ROCKS AND S. C. BROWN Leghorns. Cocks and cockerels for sale. With and without score card. Eggs from prize winners at \$1.50 per setting of fifteen eggs.

MRS. OLIVE L. SANARD

3-10-1yr Route 4, Havana, Illinois



LIGHT BRAHMAS, EGGS FROM choice matings, \$2 per fifteen. Send orders early.

JNO. F. WOODS, Utility Farm

1-10-1yr Rte 19, Owensville, Indiana



THE WORLD'S GREATEST EGG LAYING strains, Orpingtons—S. C. Buff, White and Black; also Houdans. Winners at Easton, Scranton and Nazareth. Stock and eggs for sale. Prices reasonable.

A. H. MERRILL & SON

3-10-1yr Box 16, Washington, N. J.



ZINSER'S EXHIBITION QUALITY White Rocks. Two yearling males, four yearling females and ten five-pound cockerels for sale at two to four dollars. I can give you more for your money than any other breeder.

C. B. ZINSER

1-10-1yr Chillicothe, Illinois



MATTHEW'S ROSE COMB RHODE Island Reds. Line bred. Winners at Minneapolis, LaCrosse, Mason City, Oconomowoc. Gold special at Mason City and Oconomowoc for ten highest scoring birds in show; 100 yearling breeders and young stock for sale now. Eggs, \$1.50, \$3 and \$5 per setting of fifteen.

THOS. B. MATTHEW Elkader, Iowa

EGGS, \$1 PER 15; \$5 PER 100. ROSE Comb Brown Leghorns a specialty; also other Leghorns, Wyandottes, Minorcas, Hamburgs, Langshans, Brahmas, Reds, Rocks, Spanish, Turkeys, Ducks, Geese and Bantams. Won 149 prizes Indiana State Fair, 1909. Circular free. CHAS. SMILEY, R. 10, Judson, Ind.

1-10-1yr



S. C. BUFF ORPINGTONS—PENS headed by cocks and cockerels scoring 93%, 93% and 91%. Hens and pullets up to 94%. Eggs for balance of season, \$1.50, per 15, \$2.50 per 30, \$5 per 60. A few hens and pullets still left for sale, \$2 each. Let me take your order for nice pen of 4 pullets and cockerel for fall and winter exhibition, price \$12. May bring you \$50. Selections will be made according to rotation of orders. Birds are scoring better every year. My sales on eggs for hatching have brought many compliments.

J. A. BLICHMANN, Dubuque, Iowa



FREE CATALOGUE OF FINE THEOBALD poultry. All varieties of Cochins, Brahmas, Langshans, Rocks, Wyandottes, Houdans, Orpingtons, R. I. Reds, Leghorns, Andalusians, Hamburgs, Ducks, Geese, Turkeys, incubators and brooders. All stock and eggs guaranteed.

C. M. ATWOOD

Box A-35, Dundee, Minnesota

9-09-2yrs



FORTY VARIETIES OF PURE BRED chickens, ducks, geese and turkeys, Northern raised, hardy and fine in plumage. Lowest prices for stock and eggs, incubators and brooders. Large illustrated catalogue mailed for 4 cents.

HARRY W. CONVERSE

Fulda, Minnesota

1-10-1yr



LIGHT BRAHMAS, WHITE WYANDOTTES—Single Comb White Leghorns and Toulouse Geese. Winners wherever shown. Won two cups at one show. Stock and eggs for sale. Catalogue free.

W. M. SIMONS

9-09-1yr

Assumption, Illinois



MCCUE'S "RINGLET" BARRED PLYMOUTH Rocks—Unexcelled in size, vigor, beauty and eggs. Winnings, Richmond, January, 1910, first cock, first, second, fourth and fifth cockerel, special best display, Choice stock. Exhibition eggs, 15 for \$4. Utility, 15 for \$2. LESLIE H. MCCUE, State Vice-President American Poultry Club, Box 16, Greenwood, Va.

2-12



CARMAN—FANCIER AND BREEDER of the best R. C. Brown Leghorns. Three cocks, \$3 each. A few utility hens, \$1 and \$2 each. Four very fine cockerel breeding hens, \$5 each. Catalogue.

W. W. CARMAN

1-10-1yr Margaretville, New York



S. C. W. LEGHORNS—EXHIBITION and laying strain combined. Have some yearling hens for sale cheap. Must make room.

D. D. SLADE, R. 8, Box 91

2-10-1yr Lexington, Kentucky



SINGLE COMB BROWN LEGHORNS; champions of the entire West; over 300 prizes in twenty years. Record unequalled. Right color, size and shape. For the balance of the season eggs from grand 6 pens at half price. Circular free.

CHAS. LANG

11-09-1yr LaCrosse, Wisconsin



SINGLE COMB RHODE ISLAND REDS—Of the finest quality. Good in shape and color. Winners wherever shown. Will sell eggs for balance of season at 1/2 price. A few good breeders cheap. Mating list free.

ROY HEY

3-10-1yr Bushnell, Illinois



LIME ROCK, WHITE AND PARTRIDGE Plymouth Rocks and Single Comb White Leghorns. Leghorn eggs, \$4 per 100. Send for mating list describing the pens and giving prices.

EMORY MOYER

2-10-1yr Randall, New York



SILVER LACED WYANDOTTES EX-clusively. Springfield and St. Louis winners. Choice one-year-old and young stock in breeders and show birds. Also eggs from these winners.

PROGRESSIVE POULTRY FARM,

August W. Schroeder, Proprietor

9-09-1yr Chestnut, Illinois



WESTINGHOUSE VALLEY POULTRY Yards, breeders of Standard bred White Wyandottes, the World's Foremost strain, winners at Pittsburg and McKeesport. Choice cocks and hens for sale. Eggs, \$2 and \$3 per 15. JAMES MOFFAT, JR., Box 121, East Pittsburg, Pennsylvania

4-10-1yr



EXHIBITION BLACK LANGSHANS. St. Louis and Kansas City winners. Old and young stock for sale. Eggs, \$3 per setting from two selected pens scoring 94 to 96 points.

D. W. ADAMS

4-10-1yr Wyaconda, Missouri



HARRY B. ARBLE, BREEDER OF Barred Plymouth Rocks exclusively. Stock for sale. Eggs in season. 201

New Castle Street, Butler, Pennsylvania

3-10-1yr



PEKIN and INDIAN RUNNER DUCKS. Eggs for hatching, \$1.75 per 11; \$3 per 22. I also have several other leading varieties of poultry, such as Rocks, Leghorns, Anconas, Minorcas, Reds, Wyandottes, Brahmas and Bantams. Stock that is bred to win and lay. Satisfaction guaranteed. Catalogue free.

B. H. KOCH,

1-10-1yr Silverdale, Pennsylvania



AMERICA'S FINEST BARRED AND White Rocks and White Wyandottes bred for utility and beauty by Wm. M. Wayne. My pens are mated for 1910. Eggs, \$1 to \$3 per 15 from the finest birds that ever graced my yards. 15 years a breeder. Give me a trial, I always please. OZARK POULTRY YARDS, Cuba, Mo.

2-10-1yr

S. C. Black Minorcas

1-10-1yr

PRIZE WINNERS AT Minneapolis, Minnesota State Fair at St. Paul, New Hampton and Oelwein. Ad breeding stock for sale. Eggs half price. A. T. KIEREN

New Hampton, Iowa

Buff

7-09-1yr

A. L. FAWCETT, Box 5, New Albany, Pa.

Crystal White Orpingtons

4-19-1yr

MARTIN A. HANSEN, Wells, Minnesota

Buff, Silver Penciled and Partridge Rocks

WILL HAVE January, February and March hatched cockerels and pullets for sale after August 15. Won 12 firsts, 10 seconds and 10 thirds last year at Virginia State Fair, Hagerstown, Md., and New Berlin, New York. D. W. JARDINE, Staunton, Va.

STOCK FOR SALE

FROM SINGLE COMB Brown Leghorns, Single Comb Black and White Minorcas and White Wyandottes. Young and old stock for sale. Write for prices. C. JACKSON

2-10-1yr. Box M, Buchtel, Ohio

Chicks

let and testimonials. FREEPORT HATCHERY

Box A, Freeport, Michigan

Crystal White Orpingtons

5-10-1yr E. E. GARST & SON, Stanford, Illinois

W. Wyandottes and S. C. W. Leghorns

THE BIRDS BRED by DeGray win, lay and pay. Stock and eggs for sale. Orders now taken for eggs and baby chicks. Outlets Poultry

Farms, G. DeGray, Box 25, Franklin, N. Y.

LICE

AUSTIN'S PYROTONE KILLS lice and mites on chickens and canaries. Safe and sure. Large bottle, express prepaid, \$1. Circular free. Agents wanted. Write today. W. P. AUSTIN, 398 West Water Street, Elmira, New York.

11-09-1yr

Columbian Wyandottes

Port Jefferson, New York

AND COLUMBIAN PLYMOUTH ROCKS. Eggs from prize winning matings balance of season, \$2 per 15. Eggs booked for delivery after April 1. L. H. DAVIS, 9-09-1yr

SILVER LACED WYANDOTTES.

BJA BRED PLYMOUTH Rocks, White Crested Black Polish. Eggs from my prize winners, \$1.50 per 15; \$2.50 per 30, balance of the season. Birds from my breeding pens at very low prices to make room. Males \$2 to \$5. Hens and pullets \$1.50 to \$3. Circular free. CASCADE POULTRY YARDS, Wm. Neiders, Prop., Cascade, Iowa 11-09-1yr

Columbian Wyandottes

EGGS FOR HATCHING from the best Columbians in the West. I have in my breeding pens 19 first and 18 second prize winners at some of the best shows, also many third and fourth prize winners. Eggs, \$2 per 15. Send for mating list. FRANK MILTENBERGER, Box 2, Cortland, Neb. 10-09-1yr

WOOD'S WHITE WYANDOTTES

'USEFUL AND BEAUTIFUL'

ed 1892. F. H. WOOD, Sta. C, Cortland, N. Y. 12-09-1yr

Buff... Rocks

WINNERS. TRAP-NESTED layers. Eggs from prize matings now reduced to \$2 per 15. You can still hatch winners from them. Utility, \$1 per 15. Bargains in breeders. Circular free. 10-09-1yr H. A. JACOBS, R. R. 36, Peoria, Illinois

Golden Barred Rocks

THE BEAUTY AND UTILITY breed. They are a new addition to the Rock family. The plumage being buff and white barring, making a most beautiful fowl. Write for free catalogue telling about them. L. E. ALTWEIN, Originator, St. Joseph, Mo. 3-10-1yr

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FIVE GRAND pens. Top notch quality. Winners strongest competition leading shows. Mating list fully describes each mating. Headed by winners. Eggs shipped safe any distance. F. S. BULLINGTON, Box 328A, Richmond, Va. Sec.-Treas. American White Orpington Club. 5-10-1yr

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THAT ARE RED :: RICKSECKER'S PERFECTION REDS Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

T. L. Ricksecker, Red Specialist Office, 2835 S. W. Boulevard, Kansas City, Mo. Farm, R. F. D. No. 5 C, Rosedale, Kan.

Ferris' White Leghorns



Winners at Chicago, St. Louis, Toledo, Louisville, Pittsburg, Detroit. Bred for size, health, vigor and eggs. All stock sold on approval. Eggs from exhibition matings, half price after June 1. Breeders at reduced prices during the Summer. Write for mating list and 32-page catalogue. Please mention A. P. J.

THE FERRIS POULTRY FARM

Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

STOP A MINUTE

in your mad rush for prize winners and consider what I have to offer you in

BARRED ROCKS

I have the goods and will dispose of some of "The Best in the West" Barred Rocks at prices that anyone can afford to pay for good quality. Your money back if I cannot deliver what you want. Secure something now for that early fall show and be a winner.

Frank J. Overstreet, Box 106, Kiowa, Kan.

BAR'D ROCK BARGAINS

Eggs one-half price. Breeding stock at prices that should cause you to take notice. If in need of high-class stock write me your wants. Circular free.

O. L. King - Route 9 - Rockford, Illinois

Hartman Stock Farm Poul. Yards COLUMBUS, OHIO

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale. Day old chicks from our best stock for sale from March 15 to June 1.

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. My pens include all noted winners and are mated in such a manner as to produce best possible results and prize winners. Eggs, \$4 per fifteen.

C. J. Whitney, -:- Galt, Ontario, Canada

BLACK ORPINGTON SALE

During the next thirty days is your opportunity to get stock and eggs at half price from our Duke of Kent strain, one of the oldest and most reliable strains of Black Orpingtons in America.

Foster & Johnston, R. R. 7, Ft. Wayne, Indiana

McCLAVE'S

WHITE WYANDOTTES, BARRED ROCKS, ORPINGTONS, LEGHORNS, BRONZE AND NARRAGANSETT TURKEYS, EMBDEN, AFRICAN AND CHINESE GEESE, MUSCOVEY, PEKIN AND ROUEN DUCKS. 600 selected fowls for sale. Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland show, January, 1910. Write your wants to

CHAS. McCLAVE BOX A NEW LONDON, OHIO

NONPAREIL Barred Plymouth Rocks

Winners of Highest Awards at America's Leading Shows

EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

150 Choice Breeders for Sale

Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

Schwab Bros., Box 452, Irondequoit, N. Y.

Lipe's R. C. Rhode Island Reds

Don't let the season go by before you get some eggs from St. Louis prize winners.

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Some good cockerel bred females for sale cheap if taken this month.

Geo. F. Buck, Port Clinton, O.

Barred P. Rocks

Eggs half price from best pens balance of season. Large portion of our breeders for sale at attractive prices.

G. Earl Hoover, Route 24, Matthews, Ind.

White Wyandottes...

Crown Prince Strain. 1st hen, Chicago, Dec., 1909. 1st pullet, Chicago, Dec., 1909.

Geo. F. Schmidt : Martinsville, Indiana

S. C. BUFF ORPINGTONS

1909 show record unequalled by any breeder. 4 firsts, Mo. state show; 4 firsts, Ill. state fair. Catalogue free.

L. H. Eldridge, Box A, Bradford, Illinois

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We are now offering some of our this year's breeders at bargain prices. If you want something good write to J. F. VanAlstyne - Niverville, New York

S. C. BLACK & WHITE MINORCAS AND WHITE ORPINGTONS

Stock and eggs. Winners wherever shown. Write for prices; mention American Poultry Journal. : : : :

G. B. Smith & Son, Box 454, No. Baltimore, Ohio

WHITE PLY. ROCKS AND S. C. WHITE LEGHORNS

Large, vigorous, pure-white birds. Eggs \$2 per fifteen; guaranteed.

Hill Crest Poul. Farm, Eugene Luffringer, Totowa Borough, N. J.

White Ply. Rocks....

Best in Ohio. Send for handsome 1910 mating list. Eggs from all yards now half price.

S. M. Dickinson, Box C, Granville, Ohio

S. L. Wyandottes

WE LEAD, OTHERS FOLLOW. Eggs from the grandest matings at \$3 per 15.

Wertzeberger Bros., Care Merchants Hotel, Altoona, Penna

Fluffy Ruffles Strain

Finest specimens of Barred Rocks ever produced. Circular free. A continuous record of winnings since 1894.

Welleslea Farm Poul. Yds., C. H. Welles, Bx. A, Stratford, Conn

BUFF LEGHORNS

Eggs for sale from my New York, Orange, Red Bank and Rutherford winners. Lamson's old strain pure. Send for catalogue of my winnings. W. D. CAMPBELL, R. F. D. No. 1, Bloomfield, New Jersey.

S. C. R. I. Reds

Winners at all the leading shows. Send for mating list describing them.

Geo. L. Buell : Lorain, Ohio

EGGS :: EGGS

White Leghorns and White Rocks. The two best egg strains on earth. \$3 per 15. A good hatch guaranteed.

River View Poultry Farm : : Burlington, Iowa

Allee's White Langshans

First prize winners at Chicago, 1908-9. Grand breeders and show birds for sale. Mention A. P. J.

Thaddeus E. Allee, 1325 E. 55th St., Chicago, Ill.

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Winners at Youngstown and Cleveland. Eggs \$3 to \$15. W. Orpington eggs \$10, \$15. Stock for sale.

W. Etzensperger - Willoughby, Ohio

SHEPPARD'S FAMOUS ANCONAS

The World's Best—Have won three times as many first prizes and silver cups, four times as many special ribbons, as all Ancona breeders together. Can furnish you with hatching eggs that will produce prize winning and heavy laying stock. Rose or Single Comb. Circular free.

H. Cecil Sheppard Importer, Exporter and Breeder and President International Ancona Club Box M, Berea, Ohio

KING'S FAMOUS BARRED ROCKS AND SINGLE COMB WHITE LEGHORNS : : :

I will have 150 Barred Rock chks., for exhibition and breeding purposes, for sale. They are the finest lot of Bar'd Rock chicks I ever raised: perfect ringlets, of exquisite color, and will be ready for shipment Sept. 1st. If you are looking for fine exhibition Rocks send in your order. Also 100 Leghorn chks. G. M. King, York, Pa.

RUSSELL FARM WHITE WYANDOTTES

Winners at Guelph, Toronto, Boston and Ottawa. This season at above shows they won seven first prizes out of a possible 16 competed for. For sale: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write your wants.

Joseph Russell, Proprietor : : 1308 Queen Street East : : Toronto, Ontario, Canada

BARGAINS IN BARRED PLYMOUTH ROCK HENS

I was poultryman for E. B. Thompson two seasons and have blood of his Madison Square Garden winners in my yards. They won for me at Kansas City last winter. Rare bargains in my breeders. 32-page illustrated catalogue and typewritten bargain list free.

A. E. Blaker : : : : : Box A, Route 2, Parsons, Kansas

CHAMBERS' S. C. BUFF ORPINGTONS

They are prize winners wherever shown. Eggs balance of season at half price, \$2 per 15. Please mention American Poultry Journal when writing.

Edward Chambers - Aurora, Indiana

RED EGGS HALF PRICE

After June 1st I will sell eggs from my best \$10 pens of champion prize winning R. C. Rhode Island Reds at \$5 per fifteen. No better stock anywhere and I guarantee satisfaction in every particular. Write for prices on exhibition pens for the early fall fairs. I supply the winners. Send for mating list and mention American Poultry Journal.

Robert Bretz R. R. 3 El Reno, Oklahoma

:: :: VASS' BUFF, BLACK AND WHITE :: ::

ORPINGTONS

acknowledged the world's best. After June 1st I will offer eggs at less than half their value. This is chance of your life to get in line for some of my strains of Orpingtons. Never in my twelve years breeding Orpingtons have I had such youngsters as I have at present time large broad, deep bodies, heavy bone, shape and color to burn. As I was the first importer of Buffs to America and have won over 1,200 prizes, I believe I have some of the best birds in America today. June is month to hatch the winner for late winter shows and can furnish the eggs that will set you in line for blue ribbons. Write for prices. Booklet free. : : C. E. Vass, Washington, New Jersey

R. and S. C. Black Minorcas and R. C. Brown Leghorns

Special sale on Leghorns this month, 100 females that must be sold. Also 50 S. C. Minorca hens. These birds were used in our own breeding pens this year. After Sept. 1, we will offer 500 youngsters for sale. The birds will be ready for the fall fairs, and will be fit to win at any show. Our big 30-page catalogue and special list is free for the asking.

Edgemont Poultry Farm : : W. O. Chase : : Box B : : Hillsboro, Illinois

11% More First Prizes Total**ON BARRED PLYMOUTH ROCKS AT New York Shows**

The Last 21 Years have been won by Birds we Bred and Raised than has been won by any other Exhibitor on ANY stock.

1st PRIZES ON COCKERELS More by 20 per cent.
1st PRIZES ON MALES More by 11 per cent.

Than any exhibitor has won on ANY STOCK.

☞ All of the Silver Cups competed for have been won by us, three times out of five.

☞ Four 1st, four 2d, three 3d Prizes besides other awards have been won by us at a single Madison Square Garden Show.

☞ THREE TIMES have Males of our breeding won FOUR OF THE FIVE PRIZES offered in the class, including firsts.

24 of our "LEE BELLE" Line of Females have been First Winners at New York Show alone.

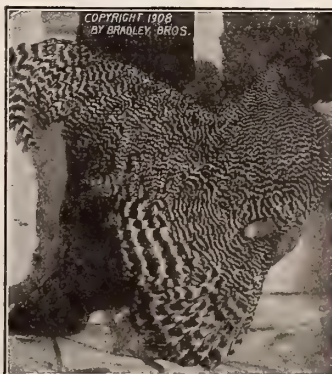
First Prize in each of the two Largest Shows and the CHAMPIONSHIP PRIZE in what was considered the STRONGEST FEMALE COMPETITION OF THE YEAR, is a recent "LEE BELLE" record by BIRDS WE BRED, RAISED AND SOLD. We have permission to state this, also the other records referred to.

SPECIAL

We are selling the finest lot of breeding and exhibition birds we ever offered for sale, both young and old stock bred from these same lines at New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding. Exhibition Cockerels and Exhibition Pullets—birds that can be DEPENDED upon for first class results.

☞ FREE—Illustrated Printed Matter telling of Winnings at Kansas City, Chicago, New York, etc.

Breeders of First Winning Barred Plymouth Rocks :: Lee, Massachusetts



World's Champion of 1906,
Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line.

FIRST PRIZE WINNINGS at CHICAGO and KANSAS CITY, and the largest shows outside of New York, which OUR BIRDS HAVE WON FOR OUR CUSTOMERS would alone be sufficient to demonstrate the superiority of our strain.

Bradley Bros., Box 909,

The Latest Bantam!

My Rose and Single Comb Buff Bantams are the most beautiful Bantams ever produced. Bright, even, golden Buff from head to tail. Remember, I have them in Rose and Single Comb. Will spare a few eggs at \$10 per 13. No White Rocks for sale until fall.

Harry M. Lamon : Adams Center, New York

A FEW BARGAINS

Two pens (six birds in each) of Barred Plymouth Rocks, \$15 per pen. Five pens (six or more in each pen) at \$2 per head of White Wyandottes. First class breeding and exhibition stock.

D. T. HEIMLICH : JACKSONVILLE, ILL.

OAKLAND POULTRY YARDS

S. C. WHITE LEGHORNS are better than ever this season. 1000 show birds fit to win in the strongest competition. We have young stock ready to show now. If you desire something high class in S. C. White Leghorns, better let Oakland's help you win that blue ribbon or that silver cup. Send for mating list.

Wm. C. Bowman, Manager : Box 337 : Trenton, N. J.

Monmouth Poultry Farms Freneau, Monmouth County, New Jersey

Special Sale: We are offering some of our 1909 and 1910 breeders including a few of our New York and Boston winners at prices which will reach all. 400 females, 100 males, S. C. Buff and White Leghorns to select from. A wonderful chance to obtain America's leading strain at the right figure. Write for our 1910 catalogue.

J. Courtney Punderford, Owner : Box 85 : Egbert Wilson, Jr., Superintendent

S. C. W. LEGHORNS

Huber Bros.' superior strain is now to be found in every state of the Union. There is a reason. Superior laying qualities average 170 eggs per hen. Superior exhibition qualities. Winners Chicago, Milwaukee, New York and Boston. Over 2,000 breeders for sale. Write for prices. Send for catalogue.

Huber Bros., Box B, Kenosha, Wis.

Columbians Now is the time to hatch your chicks for next Winter's shows as the best colored birds are hatched in the Summer months. Five of the grandest pens ever mated. Eggs going fast at \$3 per 15, \$5 per 30. Some good birds for sale, including 2d prize cock at Grand Rapids show, Jan. 17-21, 1910 for \$5. J. G. Van Dyk, Station C, Grand Rapids, Michigan

SHADY LAWN POULTRY FARM We are offering some real bargains in this year's breeding stock of land and water fowls. Let me know your wants and send for free catalog. B. F. Kahler, Vice-President Williamsport Poultry Association, Box A, Hughesville, Pennsylvania.

PETERS' WHITE PLY. ROCKS

The superior kind eggs from choicest matings 1/2 price. Few breeders for sale cheap. Winners at Erie, Cleveland, Youngstown. Won 200 ribbons. Please write.

F. W. Peters, 460 E. 18th St., Erie, Penna.

S. C. W. LEGHORNS

Pairs, trios or pens. Entire stock of first class birds.

H. Cregar & Sons, Jackson Boul., Forest Park, Illinois

BANTAMS

Buff, White and Black Cochin. My 8-page catalogue sent free on receipt of 2c stamp.

Geo. M. Hill, Station 1, Jackson, Michigan

ONLYA FARM WHITE WYANDOTTES

Our young stock of which we have upwards of a thousand are maturing in excellent shape and they are certainly the most promising looking lot we ever had. We can supply you with birds for the fall and winter shows. Write us your wants and we will ship you birds on approval. Our prices will be moderate and can assure you of getting your money's worth.

Onlya Farm, Morristown, N. J.
Chas. Staff, Mgr. Philip Kearney, Owner

A—to—Z OF Bantams and Pigeons

By F. W. DeLancey

One hundred pages. Upward of fifty illustrations. Describing all the leading varieties. Their care and keeping, as well as mating. Tells you all about them.

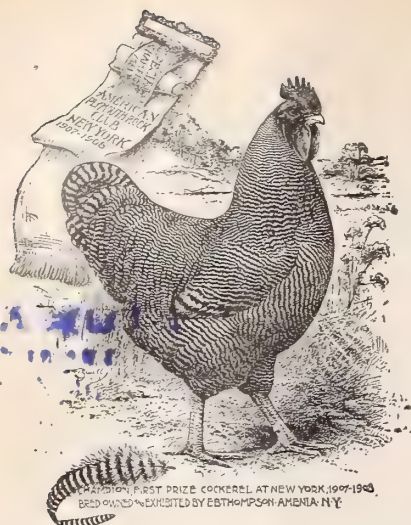
How to Breed Them : How to Mate Them

Get your orders in early and get one of the first off the press. Price 50 cents, or with a year's subscription to The Poultry Item, 75 cents.

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THE POULTRY ITEM : : SELLERSVILLE, PENNA.



First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

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Lock Box 510, AMENIA, N. Y.

"RINGLETS" STAND ALONE, VICTORS OF THE FIELD

At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS

—AT—

New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials, and

Again Show Their Superiority

Am now booking orders for eggs from prize winning matings at \$3, \$5 and \$10 per 15. Also have a few extra choice breeding and exhibition birds to spare at reasonable prices, considering quality.

Write to the largest Buff Wyandotte farm in the world for catalogue; mention A. P. J.

Simon Beuth : : : : Box B, German Valley, Illinois

The "Norwich" Automatic Exerciser & Feeder

Is recognized by the leading poultrymen of the United States as the best, simplest and most practical Automatic Feeder and Exerciser on the market. It is GUARANTEED to be absolutely RAT, SPARROW and WEATHER proof. The same machine will feed four-weeks' old chicks, growing stock and breeders or layers. Saves its cost in feed and labor six times a year. Increases egg production, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Very simple in construction and operation; will not get out of repair and will last a life time. Send for our booklet explaining our 30-day free trial offer. We will also mail our Barred Rock or Light Brahma catalogue for 10c in silver or stamps. State which breed you want. But the Feeder booklet is free. Ask for it. Address **River Home Poultry Yards, Box B, Perrysburg, Ohio**

VOL. 41

SEPTEMBER, 1910

NO. 9

AMERICAN POULTRY JOURNAL



BARRED PLY. ROCKS - S. C. W. LEGHORNS

ANNUAL SPRING SALE: Now is the time to pick up some of our breeders that have become famous throughout the country by the clean sweep made by their youngsters. We are compelled to sell some of them to make room for our young stock. And by the way, this is the time to look up exhibition birds for the summer shows, as our early hatched chicks are showing quality, and we feel that they will again lead in their respective classes. Write for particulars.

PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
Eggs for Hatching : : : : Box 2, HARTWOOD, SULLIVAN CO., NEW YORK

REDS

Free catalog, with photographs, descriptions and prices on 3,000 R. I. Red cks. and pullets, bred from the world's best stock, the finest that has ever appeared at N. Y., Boston, Chicago, Detroit, etc. Also 1- and 2-yr.-old exhibition and utility birds; both combs. Every bird guaranteed to please. : : :

Edwin R. Cornish (Formerly Edwardsburg) 1426 E. Pontiac St., Ann Arbor, Mich.

BAR'D PLYMOUTH ROCKS

We have the best young stock we ever saw. Splendid color. Cockerels with good combs, yellow legs and perfect shape. Our pullets are also especially good. We can furnish any grade of young chicks, from high-class utility birds up to top-notch winners. We want to hear from people who want good birds for utility or exhibition purposes. Winners at Chicago, Detroit, Toledo and other shows. We have published a handsome catalog telling about our Barred Ply. Rocks, with prices of stock, and also describing our modern sanitary poultry plant, which we will mail you for ten cents in silver or stamps. Send for it today. Now is the time to get the best.

We guarantee to please

RIVER HOME POULTRY YARDS : : BOX B : : PERRYSBURG, OHIO

IF YOU WANT TO WIN

Bickerdike's Pedigreed White Rocks

will land the ribbons for you. Last season our birds won highest honors at America's leading shows. Conclusive evidence that we have the quality. This year they are better than ever. If you want birds that win, write your wants. Circular free. : : : :

J. A. Bickerdike : Box A : Millersville, Illinois

Cheviot Farms

ORPINGTON COCKERELS

We must have room at once—here is the chance of the year. For one month we will give a \$5 cockerel for \$3, a \$7.50 cockerel for \$5, a \$10 cockerel for \$7.50 and a \$15 cockerel for \$10.

Here is a chance to get pure Empress-Nabob blood in BLACKS—Sons of Crystal Palace winners of THIS YEAR in WHITES and BUFFS, cockerels from the strain that won championship of America under Stanfield.

Here is type and size as well as color. All cockerels sold in this sale guaranteed to please.

ORPINGTON MAGAZINE, now ready, 25 cents a year.

The Cheviot Farms, Milton Brown, Prop., Sta. L, Cincinnati, O.

Buff and White Orpingtons

The Oldest Specialty Breeders in the U. S.—Our show record on Buifs at Madison Square Garden is unequalled—winning silver cup for best display, showing only nine birds and having seven points more than our nearest competitor. In same show also won handsome silver cup for best cockerel. Our winnings at Chicago, where we won more firsts than all competitors, can not be equalled. Can there be any question where you should order your stock and eggs? Send for free mating list. We are quoting special prices to close out some grand breeding stock at this time. We breed for quality, health, vigor and egg production. Write us your wants.

J. M. Williams & Co. : Box B : North Adams, Michigan

Dillon & Bell Win

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

Dillon & Bell, 4106 Colerain Ave., Cincinnati, Ohio

WHITE ROCKS AND WHITE WYANDOTTES

If you have been DISPLEASED and would be PLEASED, we would be PLEASED to have your orders. If you PLEASE TO WRITE US, then we would all be PLEASED, and you would be so WELL PLEASED you will recommend us to your FRIENDS, that they may be PLEASED also. Remember, we have bred the FIRST CKL. AT MADISON SQUARE GARDEN, N. Y., 3 successive years—1908-9-10. Also the FIRST BOSTON CKL., 1910. This alone will convince you that we have the birds to furnish you with winners at the coming fall and winter shows. Remember again, WE BREED ALL OF OUR BIRDS, and have several hundred of the most promising lot of young stock we have ever bred and raised, and we only ask you to WRITE US for information regarding same, as to prices and fitting for exhibition purposes if desired. WE GUARANTEE to give you ENTIRE SATISFACTION if your order is placed with us, as we have letter after letter from our last season's customers who were well satisfied. All letters answered promptly, and any information will be given cheerfully. WRITE US TODAY. Our motto is promptness, fidelity, quality and satisfaction.

Rockandotte Farm

W. R. Graves
Mrs. S. H. Graves

Route 3, Southboro, Massachusetts



BURHANS' PURE BRED PRIZE WINNING FOWLS

MY SPECIALTIES:

All Breeds Plymouth Rocks All the Orpingtons
All Varieties Wyandottes All the R. I. Reds

I breed all varieties of birds as above and breed them in their highest excellence. The newer varieties, such as Silver Pencilled Plymouth Rocks, Partridge Rocks, Columbian Rocks, Columbian 'Dotters, are here in my yards in all their gorgeousness. I have one thousand head to offer to the trade, all bred from my choicest pedigree matings and direct from the yards of the originators and winners at Chicago, Boston, New York, Buffalo and the big state shows. My big annual poultry book filled with practical matter and full of the secrets of success for two red stamps to pay postage.

Also breed Cornish, Buckeyes, Pit Games and Bantams. My yards are the most complete in the northwest. I make a specialty of breeding trios at ten and fifteen dollars. Every bird banded with my name on sealed band to insure quality. I bear in mind that you want something better than you have. Let me know what you want.

BREEDER : EXPORTER : IMPORTER

Amos Burhans, Box A, Waterville, Minn., U. S. A.



First Cock, Chicago, 1909

STANDARD LINE-BRED

S. C. WHITE LEGHORNS

EXCLUSIVELY : : : : THEY LAY WHILE OTHER BREEDS SLEEP

Chicago Winnings

At the last great show, December 7-12, 1909, in the largest entry and the strongest competition ever shown at Chicago: 1st, 2d, 3d cock; 1st, 2d, 3d hen; 1st, 2d, 3d pullet; 2d, 3d, 4th, 5th cockerel; 1st pen. Exhibition birds of the highest quality will be ready for the fall and early winter shows. My stock in customers' hands won firsts in most of the leading shows last winter and will do it again.

Do You Want the Winners in Your Show?

If so, get in touch with me and state your wants. I still have a few yearling hens which I can sell at reduced prices in pens mated up to this year's cockerels sired by my Chicago Winners. Come quick. Thousands of young stock better than ever to offer soon. Inclose ten cents in stamps or coin for the finest S. C. W. Leghorn catalogue published. Every inquiry or order has my personal, prompt, and careful attention. Prices low considering quality.

PARKSIDE POULTRY FARM, N. P. EASLING, Prop., BOX 40, PEKIN, ILLINOIS
Largest S. C. White Leghorn Poultry Farm in the Middle West

now growing for the early Fall fairs. We won over 500 prizes last season. Plymouth Rocks, Leghorns, Orpingtons, Wyandottes, Langshans, etc. 32-page bulletin free

Elm Poultry Yards and Stock Farms
Hartford : : : Connecticut

High quality birds from this season's matings for sale cheap. Write your wants. : : : :

Edward Brown, R. 37, Mendota, Ill.

"Wincoe Strain" of heavy layers.
Yearling hens for sale; \$1 each.

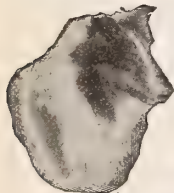
—Allan J. Coe—
131 No. 5th Street Springfield, Illinois

The demand will increase with you as it has with me, if you breed quality and sell quality. There is still plenty of room at the top. If you want that little booklet of mine send 4 cents in stamps. Cochins, R. C. Sebrights.

Frederick G. Davis, Ben Avon, Pittsburgh, Pa.

150 acres devoted to standard bred S. C. W. Leghorns for the production of winter eggs. 1500 breeders for sale. Also 1000 April pullets. :: :: :: :: :: :: ::

Wilson Farm :: Morristown, New Jersey



SCOTCH COLLIE SALE!

Puppies, brood matrons and stud dogs from imported stock. Give description of what you want and save me describing all I have. Price will be governed according to age, sex and quality. Book on training. 25 cents.

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Successful Egg Farming

Among people who can afford luxuries there is great demand for a regular supply of fresh eggs. The few growers who can furnish them **regularly**, Winter and Summer alike get very high prices.

The Corning Egg-Book

(entitled "\$6.41 per Hen per Year"), tells how two men, in poor health, starting four years ago with only thirty hens, made from their little egg-farm a clear profit of **over \$12,000 last year**. It tells all about their experience, their failures, their methods and how others men or women, with good sense, care and faithful work can make money in the same way. Not a detail left out.

The Corning Egg-Book is sold in combination with the **Farm Journal**, Philadelphia, Pa., and we have made arrangements to make this

Special Offer

For \$1.00 (cash, money order or check) we will send postpaid the **Corning Egg-Book** and the **Farm Journal** for two years, and **American Poultry Advocate** 2 years, all for \$1 if order is sent at once to

American Poultry Advocate
727 Hogan Block, Syracuse, New York

Special Sale, Kellerstrass Strain. Having sold the farm on which I am now located, and not having found another suitable location, I have decided to offer for sale for Sept. and Oct. delivery all of my May and June hatched chicks at the following prices: Pullets, \$2; cockerles, \$3. Terms cash with order. This is your opportunity to get quality at a little more than butchers' prices. Order today.

L. A. Glessman, 2 Member Am. White Orpington Club - Mars, Pa.

L. A. Glessman : Member Am. White Orpington Club : Mars, Pa.

At four large shows, i. e., Kenosha, Chicago, Milwaukee and Waukesha, during the past season, we won 8 firsts, 4 seconds; 7 thirds, 6 fourths, silver cup and several shape and color specials and at Milwaukee, besides winning 1, 2, 4, 6, 7, 9 and 10 on pullets, we won the grand specials for best display in the American class. Our prize winners and their sires and dams are all in our yards from which we will sell eggs at \$5 per 15; \$9 per 30; \$12 per 45. Half price after May 15th. Will also sell 10 males and 40 females that are in our breeding yards at a great sacrifice.

Geo. H. Bie : : **Racine, Wisconsin**

REMEMBER, I have been breeding many of the most noted winners for past fifteen years for the leading shows of the UNITED STATES AND CANADA.

WHITE WYANDOTTES Many owe their SUCCESS to my strain. Past year I bred the winners for MADISON SQUARE, N. Y., ALASKA-YUKON EXPOSITION AT SEATTLE, CHICAGO, KANSAS CITY, LOUISVILLE, KY., INDIANAPOLIS, PITTSBURG, PA., MCKEESPORT, PA., YOUNGSTOWN, O., BOSTON, MONTREAL, OTTAWA, ONT., and several other shows—all the past season, a record not equaled by any other breeder. These were prominent winners of many 1st prizes and specials for shape and color. My type is the ideal type and that is why they win under so many different judges. I have the best lot of young stock I ever had and many early ones ready for the early shows fit to win in any competition. Now all stock purchased can be returned at my expense if not satisfactory. If you have not had the results, try me. **YOUR SUCCESS IS MY SUCCESS.**

J. H. JACKSON : LOCK BOX 88 : HUDSON, MASS.

The Range With A Reputation



A Perfect Baker Economical In Fuel

That's what every housewife seeks in a range—one that is absolutely dependable, every day, year in, year out.

Built on honor, of the best materials, the Great Majestic outwears three ordinary ranges. It is the only range made entirely of charcoal and malleable iron. Malleable iron can't break—charcoal iron won't rust like Steel.

The seams of the *Majestic* are riveted (not put together with bolts and stove putty)—they always remain air tight, neither heat, nor cold affects them. The *Majestic* is lined throughout with pure asbestos, 1/2 inch thick, held in place by iron grating—you can see it—and it stays there always. Air tight joints and pure asbestos lining assure an even, dependable baking heat, saving one-half the fuel.

The Great and Grand
MAJESTIC
Malleable and Charcoal Iron
RANGE

All doors drop to form rigid shelves. No springs. Malleable iron oven racks slide out automatically, holding whatever they contact. The open end spans down away from shoveling ashes. ventilated ash pit prevents floor from catching fire.

The Great and Grand
MAJESTIC
Malleable and Charcoal Iron
RANGE

The reservoir is all copper and heats like a tea kettle, through a copper pocket, stamped from one piece of copper, setting against left hand lining of fire box. It boils 15 gallons of water in a very few minutes and by turning a lever the frame and reservoir moves away from the fire. This feature is patented and is used only in the *Majestic*.

It is the best range at any price—a range with a reputation and it should be in your kitchen. It is for sale by the best dealers in nearly every county in 40 states. If you don't know who sells them in your vicinity, write us and we will send you our book, "Range Comparison." Everyone thinking of buying a range should first read this booklet.

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It Should Be In Your Kitchen

Great Price Wrecking Sale!!

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everything from a needle to a loco-motive. It is the largest stock of manufactured articles to be found under the sun. It is bargains everywhere.

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magnificent merchandise offer and you will easily understand why we call our literature, catalogs, and booklets "Price Wreckers." This is our vocation—wrecking prices. We save you from 30 to 50 per cent.

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Every single article on sale in this ad. is guaranteed brand new and first class. Write us today. See coupon below.

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MP-59. A Splendid grade of Print Linoleum in exact imitation of quarter sawed oak. 6 ft. wide. Per sq. yd. . . . **39c**
MP-61. Patterns of extra heavy grade Print Linoleums. All colors; 2 to 24 yds. wide. State colors wanted. Price per sq. yd. . . . **42c**

MAGNIFICENT SUIT LESS THAN COST
We captured an Entire Stock at a ridiculously low price. You get the benefit. Handsome black cheviot suit, newest model, tailored by experts. Coat round sack style; vest popular single breasted. Notice—We send with this suit an extra pair of pants. Cut latest mode. Color, gray; guaranteed.
25-A-52. Suit with extra trousers. . . . **\$4.95**

LADIES' PATENT COLT BLUCHERS.
This is a rare opportunity to secure high grade patent leather shoes at a give away price. They are made the latest city style. Dull mat top; perforated toe caps. Cuban heels and extension sole.
Sizes 2½ to 8; Width C, D, E and EE. Price per **\$1.00**
pair only. . . . **\$10.80**

Comfortable Rocking Chair.
1-A-754. Roomy, Comfortable Parlor or Library Rocker. Richly designed and embossed golden oak frame. Indestructible spring seat. Broad, diamond-tufted back, softly upholstered; broad arms; large, handsome, durable. Covering is black drill in imitation leather. Retail value \$7.00. Our price. . . **\$3.95**

MEN'S PATENT BLUCHER SHOES
While they last 5,000 pairs of Men's Patent Colt Blucher \$3.50 Shoes, at a saving to you of \$1.55. We took the entire output of the factory. This is perfect fitting shoe. Sizes 6 to 11. Widths C, D, E and EE.
Price per pair. . . **\$1.95**
Price per dozen pair **\$21.00**

LADIES' ALL WOOL SKIRT.
All Wool Panama Skirt. Made the very latest "Tuniceff." Beautifully trimmed with silk soutache braid and satin covered buttons. Nobby and dressy. Made to sell at \$7.50. Your money back if you don't like it. Colors black or blue. Sizes 22 to 30 in waist, 37 to 44 front.
27-A-110. Price **\$2.65**
(Postage 16c)

OUR FAMOUS WOOL SPUN BLANKETS.
24-B. This is our Wool Spun Blanket. Woven from yarn especially prepared. Ends have deep fancy borders and are finished with silk tape. Soft, warm, comfy. Color, gray. Does not show soil quickly. Positively guaranteed. Size 62x78 ins. Shipping weight about 4 lbs. A big bargain. Price per pair. . . . **\$1.98**

5000 FLEECE SHIRTS 35c.
Regular Standard Heavy Weight, heavily fleeced, close flat knit Underwear, made from specially selected cotton. Made for good, hard wear and are soft and warm. 50c value. Color, light brown.
24-B-4000. Undershirts, 24 sizes 34 to 46, price. . . **35c**
-B-4005. Drawers, sizes 32 to 44 ins. waist measure, price **35c**

CEDAR SHINGLES.
Lot No. 923. Common Star A. Star 6 to 2, 16 in. Red Cedar Shingles, 6 in. clear butt. Price per 1000. . . . **\$2.10**
These shingles are an excellent grade for repair work, just the kind to use for covering sheds, barns and other buildings of like character. We sell many better grades. Red Cedar, White Cedar, also Fancy and Square Butt Dimensions Shingles at low prices.

LADIES' TAILORED SUIT.
This Ladies' Mannish Tailored Suit made of Thibet cloth. You could not buy the material alone at our price for this suit beautifully made, stylish and perfect fitting. It is single breasted, straight front, semi-fitted back. Colors black or navy blue. Sizes 32 to 44 in. bust measure. Shipping weight 5 lbs.
Price only. . . . **\$4.94**

PLUMBING MATERIAL.
\$84.50 For Complete Plumbing System. Includes up-to-date bath room outfit, roll rim sink, range boiler, all piping, fittings, etc., with complete plans and instructions for installing. Bath room outfits **\$24.00** up. We will cut your plumber's price in half. Get our figures.

STEEL ROOFING.
100,000 Squares of new Steel Roofing, which we are now selling at the following price, freight prepaid **Flat per square \$1.60**
Corrugated V Crimped or Standing Seam. Per sq. **1.85**
Our High-Grade Galvanized Rust-Proof Roofing at prices ranging from \$3.00 per square up. Send for our Roofing Booklet. Tells all about our freight prepaid offer.

HIGH QUALITY SMYRNA RUGS.
M. P. 45. Heavy, reversible Smyrna Rug. Handsome oriental pattern. Red or green ground; border colors tan, blue or red. Can be used either side up. Offered to you at exactly one-half its value. State colors wanted when ordering.
30x60 in. **\$0.78** 36x72 in. **\$1.50**
6x9 ft. . . **3.25** 9x12 ft. . . **6.95**

GALVANIZED ELECTRIC WELD FENCING.
We secured this Fencing at Salvage Sale. Aside from being weather beaten it is as good as new.
No. 24.—26 in. Stays, 6 in. apart. Wt. per rod 7.5 lbs. Price per rod. **18½c**
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We have a complete stock of Wire and Fencing.

NEW LUMBER.
Lot No. 901. Yellow Pine Ceiling; Matched and Beaded; Standard Lengths; Bright; Kiln Dried. No. 2 grade 4x4. Per 1000 ft. . . **\$13.50**
This is only one item out of our 20,000,000 ft. of Building Lumber. Our General Merchandise Catalog lists a thousand other equally good bargains from the lowest grade Sheathing Lumber to highest quality Hardwood Flooring

ELEGANT OAK DRESSER.
1-Z-852. An Astonishing Oak Dresser Value. Colonial style, 4 drawers, brass pulls, safe locks, French bevel plate mirror 24 ins. high; rounded frame, neatly carved top, rounded scroll standards, shapely dresser top 40x19 ins. Good casters, splendid gold-leaf finish on solid oak. Worth dbl. Price only **\$6.00**

HIGH-GRADE MILLWORK.
Lot No. 5858. Size 2 ft. wide, 6 ft. high; 1½ in. thick; 4 panels, nicely painted. Ea. **\$1.14**
25 carloads of doors, all kinds and grades in different wood at carload lot prices. Millwork of all kinds from 2c Corner Block to a Colonial Front Entrance Frame at. . . **\$3.75**
Every article guaranteed. Send for our general catalog.

Superior Gasoline Pumping Engine.
The finest ever for pumping water, running cream separator, etc. Complete with trimmings. Full instructions for installing and operating. Sold on 30 days free trial.
2 H. P. Price. . . **\$36.00**
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CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., CHICAGO.

PINE GROVE POULTRY FARM

Columbian Wyandottes, winners at Boston, Providence, Brockton, Allentown, Pa., etc. Stock from breeding pens at bargain prices after June 1. Eggs half price.

Wm. Hunt, Prop., No. Middleboro, Mass.

Maplehurst Farm

Barred Rocks and Black Orpingtons, winners at the best shows. Stock and eggs in season.

George M. Benham, :: Canandaigua, New York

R. C. BROWN LEGHORNS

Chicks, bred from 1st, 1910, N. Y. chl., fit to win in any competition. Also pedigreed pullet bred cockerels, and properly mated pens.

B. A. OAKLEY : BROOKLYN, PENNA.

R. C. Black Minorcas

For the fall and winter shows. We have seven hundred young birds coming on. We can furnish winners early or late and against strong competition. Also have a few cocks and hens. Do not fail to figure with us before making a purchase. The best known breeders of this variety are our customers. Start even with them. We won every first prize at Chicago, 1909.

Lloyd C. Mishler, R. 1, N. Manchester, Ind.

**INDIAN RUNNER
DUCKS**

To be delivered by October 1st, I will sell ducks in trios at \$7 or in lots of four ducks and one drake at \$2 per head.

Harmon Bradshaw, Box A, Lebanon, Indiana

**RATS & MICE
EXTERMINATED
SCIENTIFICALLY**

With Raute. No danger. No odors.

PASTEUR VACCINE CO., LD.
Room 855, 325 Dearborn Street, Chicago, Ill.

DUSTYNE

A DUST BATH that exterminates lice and mites without labor on your part, for the chickens do the work

FOR COLONY HOUSES: It not only prevents the breeding of lice, but it absorbs the moisture and poisonous gases

SANITARY HOUSES
BRING SUCCESS

ON DROPPING BOARDS: It has proved itself the ideal absorbent

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Box M, WHITING, INDIANA

Wyckoff's S. C. White Leghorns

Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in Standard Qualities. Remember that we are the originators and for more than thirty years specialty breeders of the justly celebrated Wyckoff strain of S. C. White Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. 3,000 choice yearling hens and cocks, and fine strong early cockerels must be sold at once to make room, and prices will be made especially attractive to early buyers. Send for catalogue and state wants as near as possible.

C. H. Wyckoff & Son :: Aurora, Cayuga County, New York

Barred Plymouth Rocks

Cockerel mating exclusively

W. H. Shaw : : Canton, Illinois

**S. C. R. I. REDS**

Young stock for sale, both show birds and breeders. Good deep rich red. Many bred from special matings. Prices reasonable. Satisfaction guaranteed. Circular.

H. T. Marshall, R. R. 53, Sheridan, Illinois

**LITTLE RED HEN
POULTRY TONIC**

A remedy in liquid form for White Diarrhea, Roup, Cholera, Gapes, Limber Neck, Leg Weakness and other diseases of poultry. To act as a disease preventive; to keep fowls in fine condition; to increase the production of eggs; to make chicks grow faster and to improve the profits of the business. We guarantee favorable results. Send for booklet.

Wayne Poultry Tonic Co., 213 Shoaff Bldg., Ft. Wayne, Ind.

S. C. W. ORPINGTONS

EXCLUSIVELY

Show and utility stock always on hand, bred from my Crystal Palace, New York, Baltimore and Mo. state fair winners. Write for prices. Remember I pay expressage on all orders in the United States and guarantee satisfaction. Please mention A. P. J.

Russell Cave Poultry Yds., Lexington, Ky.

Inspection Invited

LOUIS LEE HAGGIN, Owner

Trains Met

Gentlemen:—I send you herewith \$50, for which kindly send me, carriage prepaid, one copy of Lewis Wright's new Book of Poultry. It is understood I may examine the contents of the book, and if I do not wish to keep it I agree to return it to you, and if I do wish to keep it I agree to notify you and hold subject to your order, and you are to refund my money. If I decide to keep it I agree to pay the balance of \$8 in monthly instalments of \$1 each until settled in full.

BUFF WYANDOTTES

Naegele's Strain. I am disposing of my breeders. An opportunity to get some good stock reasonable. 14 prizes at last show here. 1,100 eggs in Jan. and 1,341 in Feb. from 100 hens. Frank Naegele, R. 2, Peoria, Ill.

Ringlet Barred Rocks and Silver Spangled Hamburgs

Get in line for fall buying. A few good yearling birds, \$1 to \$3.

R. D. Sly : : West Clarksfield, Ohio

Columbian Wyandottes

Good breeders at \$1.50 each. Show birds very reasonable; winners at the good shows. Write us.

Canfield & King, Box A27, Painesville, Ohio

CLOSE-TO-NATURE

Brooders, Hovers, Incubators. Warmth by conduction; ventilation by induction; non-crowding invention.

38 Front St., Colfax, Iowa

"CREL OLL"

Guaranteed to cure White Diarrhoea, Roup, Colds, Gapes, etc., in chicks; also to kill lice, etc.

Caledonia Chemical Co., Caledonia, New York

EGGS! EGGS! EGGS!

for hatching from my prize winning strain only, \$3 per 15; 2 settings for \$5. Order now from this ad. Creve Coeur Poul. Farm, Louis Rausch, Creve Coeur, Mo.

R. C. R. I. REDS

Cockerels from \$2.00 up.

Edgedale Poultry Plant, Wheeling, West Virginia

Lee-Smith's Single Comb Rhode Island Reds

1909—Vigor and Vitality Win—1910 First cockerel, East Orange, N. J.; 3d cockerel, Madison Square Garden. Few choice cockerels for sale. Eggs for hatching. : : : :

Dr. M. Lee-Smith, Watertown, N. Y.

GREYSTONE**White Ply. Rocks**

Champions of Madison Square Garden means champions of the world, five out of eight champions at the last four shows. Grand breeding and show birds for sale.

Greystone Poultry Farm

F. H. Davey, Manager Yonkers, N. Y.

SACRIFICE SALE OF WYANDOTTES

We offer 500 head of the finest Silver, Golden and White Wyandottes out of this year's matings, including 100 great cockerels, less than half price, to make room for young stock. These birds are out of our New York and Chicago winners. Eggs now at \$1.50 per setting; also fine Collie pups. Large circular.

Ira C. Keller, Box 75, Prospect, Ohio

THE IMPROVED CHAMPION LEG BAND

Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off.

THE RIVETED

Can't be removed without destroying band; six sizes; sealer free. Numbered consecutive; no duplicates will be made. **THE SUPERIOR**



Positive lock, can't lose off; six sizes; always state breed and sex. Either kind, postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. Initials extra on Champion only, 10c per 100; 50 or less, 5c. Also Pigeon Bands. Stamp for one sample. Circular free.

T. Cadwallader, Box 1912, Salem, O.

SINGLE COMB RHODE ISLAND REDS

HIGHEST QUALITY—400 of the finest young birds I ever raised now ready to show, bred from a long line of prize winners. They come close to standard requirements and I can please you in quality and price. Write for prices.

Dr. Wilbur Dace : : : : Rushville, Illinois

Parmenter's S. C. W. Leghorns

First prize and silver cup winners at Chicago, St. Louis, Springfield and Galesburg, 1908-1910. A few choice breeding hens for sale; also some of my prize winners. Send for special sale list. Catalogue free.

Robt. D. Parmenter - Knoxville, Illinois

Fiske's S. C. White Leghorns

They win everywhere. New York, Boston, Buffalo, Hartford, Springfield, Mass., and wherever shown. I guarantee to please you and want your business. A few fine birds for sale. I also have a few fine R. C. R. I. Reds again this season, the reason I have only a few birds for sale is when I get a customer I always keep him as I try to please him.

Harlo J. Fiske, Sterlington, New York

ORPINGTONS

S. C. White, Buff and Black Typical Utility and Exhibition; Also Blue and Buff Orpington Ducks

DO YOU WANT TO WIN AT

YOUR **1910** SHOWS?

My cocks, cockerels, hens and pullets, bred from "The Champion Sunswick Strain," will make WINNERS for you. All are grand in size, type and color. State your competition, we can supply your needs at reasonable prices for quality. : :

Sunswick Poultry Farm : : South Plainfield, N. J. Send For Literature Rufus Delafield, Owner Inspection invited

Factory Prices

Cash
or
Credit

"A Kalamazoo"
Direct to You
TRADE MARK REGISTERED

—"And Gas Stoves Too"

A Word to Independent Buyers—

The secret of getting the most for your money—in all stoves and ranges, including gas stoves and ranges—is in buying **direct from the factory** that puts high standard into materials, expert labor and heat and fuel-saving original designs—cutting out all dealers' and middlemen's profits.

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FREIGHT PREPAID

— ON 30 DAYS' FREE TRIAL
— ON 360 DAYS' APPROVAL TEST

We even give **credit** now—same as your dealers would—to responsible persons—small payment first and then monthly payments after your free trial, if satisfied. Or your payment back and we take our Kalamazoo back and pay freight both ways. You'd be nothing out at all.

Send Name—Free Book Explains All

Spend a cent for a postal and send your name for our Big Free 100 page Kalamazoo Illustrated Book with wholesale factory prices, explaining all, with our \$100,000 bank bond guarantee of satisfaction or money back.

Judge first of values—then order—you be the one to say, if you don't want to keep the Kalamazoo we'll send you.

Ask for Catalogue No. 415

KALAMAZOO STOVE COMPANY

Kalamazoo, Michigan

Over
100
Pages
of Stoves
and Ranges
Shown in Our
Big FREE Catalogue

From the Kellerstrass Farm

Last month we made some awfully big statements in our advertisement in this journal. Well, if you will read the following 3-page ad you will see that we always do as we agree. We are always in a position to produce the evidence.

Now the following 3 pages ought to be very interesting to the poultry industry all over the world. It simply goes to show what can be done if you breed and raise the right kind of stock—stock that has vitality behind it—stock that is bred right.

Some people might ask why it is that the Kellerstrass birds produce such wonderful results. Well, for the first time in history we will tell you why: **Because we started with the right kind of stock.** The first male bird that we purchased for a foundation, with which to start the strain, was bought at a price of **Five Hundred (\$500.00) Dollars** which we paid to Mr. Kirby for **one single cock bird** years ago. This evidence has never been published, nor has it ever been shown to any one outside of Mr. J. W. Crawford, Secretary of Madison Square Garden Show at New York City, to whom this evidence was shown last year.

We simply make mention of these facts to show you why it is that the Kellerstrass Strain produces such wonderful results. Kindly go over each testimonial carefully and see what our customers say. Remember that each and every one of the following testimonials are from our customers—reputable people. Also kindly note the dates of these testimonials—the majority of which came into the office within two weeks' time. **The editor of this paper** has the full name and address of every one of these parties, and any one wishing any more information can write to the editor of this paper, and we will give One Thousand (\$1,000.00) Dollars if we cannot show the original letters and original sworn affidavit for the following testimonials:

Georgia, August 8, 1909.

Mr. Ernest Kellerstrass, Kansas City, Mo.

Dear Mr. Kellerstrass: Pardon my delay in not mailing the egg record asked for before, but as I wished to keep the original I had to make you a copy, and I have been too busy to do this before; and besides, the original was not as neat as I would like to send out.

I also enclose you affidavit properly executed and signed by Mr. J. W. D., overseer of my poultry yards.

Trusting that you will find the above papers satisfactory, I beg to remain,

Yours very truly,
(Signed) P. J. H.

I hereby certify that Hen No. 503, of the Kellerstrass Strain, laid 263 eggs in 272 days, from November 16, 1908, to July 15, 1909, and the egg record furnished Mr. Kellerstrass is true and correct to the best of my knowledge.

(Signed) J. W. D.

State of Georgia:

August 9, 1909.

Then personally appeared J. W. D. and made oath that the foregoing statement, by him subscribed, is true to the best of his knowledge and belief.

(Signed) _____
Notary Public.

Oklahoma, June 19, 1910.

Mr. Kellerstrass.

Dear Sir: I believe I have as good a layer of your strain as there is anywhere on record, but not thinking it necessary, I have not kept a record of her.

She began laying when about 6 months old. It was on the 10th day of October she laid her first egg. She laid every alternate day about one week, then laid an egg every day, and she laid right through the entire winter and up till the first of May, then went broody. I broke her up, and she was laying again in ten days. I have only ten hens. I set two of them on twenty-six eggs, hatched twenty-five healthy chicks. Later I set two hens on thirty eggs and hatched twenty-seven fine chicks. I have never had a crippled or deformed chick among them, but from the time they are hatched they are large, big-boned, big-footed and fine. I have made not less than \$60 clear from my ten pullets this spring, besides hatching a fine flock of my own and returned lots of money. I have hens that weigh 9 and 10 lbs., snow-white. The Kellerstrass strain Crystal White Orpingtons is the best fowl on earth for any purpose—they lay, weigh and pay. I would not take \$500 for my small flock, and wish to thank Mr. Kellerstrass for kind treatment and honest dealing.

Mrs. B. S.

California, June 28, 1910.

Dear Sir:

In a setting of eggs from you I got just one pullet. She laid at 5 months and in her fifth, sixth, seventh and eighth months she laid 100 eggs—225 in the year. All the eggs from her pullets were sold. They laid nearly as well as she, but I have no report of hatches from them. The report is what she did by her lone self and one male bird to help.

Report—Five-months-old pullet; what I did with one pair:

Eggs.	Eggs.
Laid first month..... 24	Laid eighth month..... 15
Laid second month..... 26	Laid ninth month..... 20
Laid third month..... 23	Laid tenth month..... 15
Laid fourth month..... 27	Laid eleventh month..... 15
Laid fifth month..... 20	Laid twelfth month..... 5
Laid sixth month..... 25	
Laid seventh month..... 10	Total..... 225

Two hundred eggs set; 25 eggs sold; 151 eggs hatched; 62 were pullets—eggs laid by these were sold; 89 were cockerels; 50 pullets grew to maturity—sold all their eggs; 80 cockerels matured.

S. G.

Mississippi, June 18, 1910.

Mr. Ernest Kellerstrass, Kansas City, Mo.

Dear Sir: I feel that it is my duty to write you of the amazing success I have met with in my first year as a breeder, as every success is a boost to the fancy end of the business, and as you have done, and are still doing, so much to further the interest in fine stock.

I have used an average of about thirty hens in my breeding pens and have done very little advertising and have done something over \$1,000 worth of business since last fall. My advertising had to be discontinued, as after it has run a limited time I was simply swamped with orders, and I have returned as much as I have accepted. My facilities will be largely increased another year, as I am now planning and installing quite an extensive plant with unlimited room.

Wishing you and every breeder of White Orpingtons great success, I am,

Yours very truly, S. B. S., Jr.

West Virginia, June 16, 1910.

Mr. Kellerstrass.

Dear Sir: We are more than satisfied with the results from the trio you sold us last November. We had twenty-three fine chicks hatched the 12th day of December, and those chicks commenced to lay eggs (part of them) when they were four months and three days old, and the very day they were five months old three of them were setting on their own eggs. Now, Mr. Kellerstrass, we certainly feel gratified with the results from our Kellerstrass pen, and, what is more, that we are dealing with an honest man. In this batch that I have been telling you about we have two pullets that are almost perfect, so near perfect that we think might compare favorably with Peggy, but I do not know what you might think about it. Going further to show the percentage of fertile eggs, Dr.

_____ bought seven eggs of mine (from your hen 150, could not let him have a full setting at that time) and put them in the incubator at the same time that he had gotten a setting of eggs at \$1 an egg from Mrs. _____ of _____ and put them under a hen. Seven of Mrs. _____'s eggs hatched out of fifteen—four of mine hatched and one died in the shell. Since then Dr. _____ told me that he had been won over to the Crystal White Orpingtons, as he had never seen as beautiful nor as sturdy stock as those we have in our yard of 30x75 feet.

Continued on Next Page

From the Kellerstrass Farm

As to the financial point, I sold seven two months old chicks this afternoon for \$20. I don't know whether I sold them too cheap or not—did I? I could have sold all the eggs I had at \$5 a setting, but have only sold five settings and a half, being all I could spare.

This is all. Hoping that your patrons are as well pleased with their dealings with you as we have been,

Yours truly, Mrs. W. T. R. & Son.

New York, June 22, 1910.

Ernest Kellerstrass.

Dear Sir: Will say that I have done a good business from the few that I have. The eggs I received from you were hatched out the 29th of April, 1909. Pullets commenced to lay first of November and kept it up all winter, and still at it up to this date, June 22. All my neighbors slacked up on eggs in May; not so mine. June 17 I gathered an egg for each hen on that day, something you can't say yourself. I advertised stock direct from you and have sold all I had to spare at \$5 per setting, and all my customers have had first-class results from my eggs, and some have had a chicken for every egg they paid for. I have had not one customer as yet find any fault, nor I haven't had to duplicate a single order. How is that for my first season with Kellerstrass White Orpingtons? And have shipped eggs into Vermont, Connecticut, Pennsylvania and some around in my own state (New York). I have had a great many inquiries for price that did not materialize, although they all want Kellerstrass stock—they want it for nothing. Now, Mr. Kellerstrass, you know I paid you \$10 per setting for eggs, and I didn't consider \$5 per setting any too much for mine, so that's the price I set, and that's the price I have received for mine, and at that I have turned away some orders. Ten dollars was a large price for me to spare for eggs, but it has paid me well and all these folks that are afraid to put up \$5 or \$10 for your eggs I can only say are losing money every day, and I think they are looking for dollars to grow on bushes, and they will never make an extra cent with poultry, for it can't be done with dung hills. Now can you say you have beaten me in your very first season, and only twelve pullets to start with?

Thanking you for your courteous and liberal treatment, I am

Yours very truly, E. W. F.

California, June 18, 1910.

Ernest Kellerstrass, Esq., Kansas City, Mo.

My Dear Sir: I have a pen of one rooster and four hens a year old last April. The first egg was laid on the first day of last December, and within ten days or by the 10th day of December all four pullets were laying. Since then I have gathered from the four 531 eggs, ranging from 122 lowest to 147 highest. In December I either ate or sold the eggs in market, as I considered it too early to save for breeding. Since the first of May there has been little demand for hatching eggs and again most of them have gone to the table or the market. I have no record of the returns on such eggs, although I have a record of all sold for hatching. Altogether I put in my incubator 100 eggs, from which I hatched seventy-one chickens, and have raised sixty-eight. I sold 152 eggs for hatching at 50 cents each. I duplicated orders where a poor hatch resulted from careless handling by the carrier to the number of forty-eight eggs. I gave away two hatchings, or thirty eggs, and exchanged two hatchings, or thirty eggs.

Thus I have from my pen of four pullets, besides what I have eaten or sold in the market, \$76 in cash and sixty-eight beautiful young chickens, most of them two-thirds grown. At a recent poultry show in Marysville, Cal., I exhibited a trio of young ones and was awarded a sweepstakes over all competitors. This sweepstakes carried a prize of a beautiful Axminster rug, worth probably \$15. I have sold a trio of the young ones for \$20. Hence my total assets from the pen of five, raised from eggs secured from you, are three cockerels, sold last fall, \$15; hatching eggs sold, \$76; one cockerel and two pullets sold, \$20. On hand, the original breeding pen and sixty-five young chickens, which I am holding (for what I can spare) at \$5 apiece and up. This makes no account of what eggs I ate or sold to the trade.

In conclusion, I will say that I am proud of my birds and satisfied with the returns—\$436 in twelve months.

Very respectfully yours, J. A. F.

Secretary, California State Agricultural Society.

Illinois, June 22, 1910.

Ernest Kellerstrass, Esq., Kansas City, Mo.

Dear Sir: I have made up a record of egg-laying of one of my pens of the Kellerstrass Crystal White Orpingtons for four months, from January 9, 1910, which I enclose. I kept no record of the individual egg hatching, but that of the pen of four. I consider the record of sufficient interest to send it to you.

Very respectfully yours, E. P. B.

Record of pen of four pullets of Kellerstrass Crystal White Orpingtons, raised by Dr. E. P. B.:

No. 52—Laid first egg on January 1, 1910; laid in January, 17 eggs; February, 27 eggs; March, 27 eggs; April, 24 eggs. Total, 95 eggs.

No. 53—Laid in January, 7 eggs; February, 22 eggs; March, 31 eggs; April, 29 eggs. Total, 89 eggs.

No. 54—Laid in January, 3 eggs; February, 20 eggs; March, 21 eggs; April, 10 eggs. Total, 54 eggs.

No. 55—January, 3 eggs; February, 22 eggs; March, 19 eggs; April, 1 egg. Total, 45 eggs.

A total of 283 eggs from the four pullets during the four months. One hundred and eleven chickens have been hatched and raised to this date from these four hens.

E. P. B.

Virginia, July 4, 1910.

Mr. Ernest Kellerstrass, Kansas City, Mo.

My Dear Sir: I am just a little bit over a year since I began to sell my first eggs from a pen of utility birds bought of you late in the season before, and since—from the descendants of those five birds—I have sold \$1,000 worth of stock and eggs. The inquiries are coming in well just now and I hope to double that amount in the rest of this year.

I kept the record of those four hens I got from you summer before last for the first year and you have been publishing it in some of your papers this season. It has advertised me quite a bit. I am more and very much obliged to you.

Last year that pen I got from you the season before had raised from them over a thousand chickens. This season I will have 1,000 from them and their children on my yard, besides having sold 2,000 eggs and quite a lot of chickens. Some of my pullets this season are laying before they are five months old.

I think I am in a fair way to have success with my White Orpingtons beyond my most extravagant anticipation.

Like a half-witted negro who used to work for my mother used to say, "I thank you and thank God too."

Yours very truly,

Mrs. L. C. C.

New York, June 29, 1910.

Mr. Ernest Kellerstrass.

My dear Mr. Kellerstrass: The hen received and she is a beaut.; laying every day. Thanks! I myself think a man that had Kellerstrass Crystal White and would advertise simply Crystal White is a fit subject for the Hill.

The man that has brought Kellerstrass White Orpingtons to the front has spent thousands of dollars to do so and has gotten together such a strain that anybody wanting Orpingtons would have no other. Don't worry; I will have some of the benefit of your money and brains and honesty when I want to sell my eggs.

In regard to what is in it: On my flock I have sold \$75 worth of eggs from several hens and have about 100 beautiful young chicks worth at least, just as they are (quick sale), \$200, besides we have had lots of eggs to eat. In all I think I can kind of make some of the so-called poultry fellows sick. I have taken Plymouth Rocks, Wyandottes, Buff Orpingtons and some half Orpington and half Rocks, and put them right under the same hen, given them exactly the same attention and feed, etc., and they can't stand for a minute what my Kellerstrass chicks stand. We have had only about three die, and others I have mentioned, we have lost at least fifty. How is that? What does that show, only vitality? I could write you a book about mine, of facts that would make them sit up and wonder, but I don't wish to tire you reading. I will, in closing, say that I for one certainly do appreciate your treatment and I trust you realize it. Believe me, I am

Sincerely your friend,

J. H. C.

Mississippi, June 12, 1910.

Mr. Ernest Kellerstrass, Kellerstrass Farm.

My dear Sir: Have had more orders than I can fill. My hens have made a net profit of \$20 per hen since the 1st of

From the Kellerstrass Farm

January, not counting the stock that I hatched from them for my own use. I have pullets that were hatched the 25th day of January, commenced laying on the 10th day of May (3½ months old to the day). Now how is that?

My eggs have hatched exceedingly well this year and have only had one kick from all the eggs that I have sold and just for luck I sent the party another setting, free of charge. Will say here that your ribbons helped me out in a number of cases and helped me to land some orders with the doubting Thomases, but still I didn't need these orders. I could have sold thousands of dollars' worth of stock and eggs if I had them to advertise. The whole South seems to be crazy for Kellerstrass Crystal White Orpingtons. The demand is far greater than the supply and will be for several years to come, especially down in this country. These people have just woke up to the crow of the Crystal White Orpingtons and they won't rest until they get together some of the brown berries from the pretty white "Biddies."

Hoping these few lines will be of some interest to you, and wishing you still greater success with the best chickens in the world, I am, yours for a booster of the Crystal Whites,

A. B. McC.

Texas, June 20, 1910.

Mr. Ernest Kellerstrass, Kansas City, Mo.

Dear Sir: I will write and tell you a little about my chickens. I have only had eleven hens to get eggs from this season and this is the only season that I have ever advertised eggs for sale, and I only had a short card in the Dallas News three months. It brought more calls for eggs than I could fill. I advertise the Crystal White Orpingtons, Kellerstrass Strain. I have not kept strict account of what any one hen has produced in all, but have kept some account of my fowls for my own reference. My estimate is made up to June 15. I have sold 515 eggs; set for myself and branch farm 318 eggs; used culinary purposes, 81 eggs. So the total number laid since January 1 were 913 eggs in 4½ months. I have two pullets that were hatched January 9, laying. One laid her first egg June 12, when she was five months and three days old. The other laid her first egg June 17, when she was five months and eight days old. Of the cockerels that were hatched January 9, I weighed three of them April 21, at the age of fourteen weeks and four days; they weighed 4 lbs. each.

I have one hen that began laying December 1 and laid until March 15, 105 eggs; then got broody, set two days, laid one more egg, which was 106 eggs. I have some more good layers, but she is my best. I could write chicken talk till you would get tired of reading, so I guess I better close for this time.

Very respectfully,

Mrs. W. A. R.

Missouri, June 18, 1910.

Kellerstrass Farm.

Dear Sir: I have only the Kellerstrass Strain of Crystal White Orpingtons. When I advertise, I always use the words Kellerstrass Strain, because I get better prices and more orders.

Last spring I had one pullet which commenced laying in less than four months. In September she laid almost every day. I saved the eggs and set them at various times under different hens and hatched fifty strong chicks. Last winter and early this spring I again saved and set the eggs laid by this same pullet and hatched seventy-five strong chicks.

The pullets hatched in September and October commenced laying first part of March and latter part of February. I saved and set these eggs and hatched 175 chicks.

This single female produced 300 chicks in one year.

I have tried several breeds, put them in separate pens, also Crystal White Orpingtons, Kellerstrass Strain, in different pen. I fed all birds alike; all had same conditions. I kept this up for six months during the winter. The result was that the

Crystal White Orpingtons laid twice as many eggs as any of the other breeds. I also find that the Crystal White Orpingtons are very hearty, easy to raise, grow quickly. My experience has proven me that it is the best all-around bird.

Yours truly,

Dr. A. W. G.

Tennessee, June 16, 1910.

Mr. Ernest Kellerstrass.

Dear Sir: I have kept no individual record of any hens, but have of the pens. Pen 1 has four hens and has done the best. Since January 1 I have sold and set nearly 300 eggs. I have 75 chicks out of the 100 eggs, ranging from nearly five months to ten days old. Some of the pullets are laying. Have sold twelve settings at \$5 and ten chicks eight weeks old at \$2 each. This averages, for the 5½ months: Cash for eggs, \$15; cash for chicks, \$5. Total, \$20 per hen in cash. Eighteen chicks per hen, now living, and are worth at least \$1—around \$18 value in chicks, thus making returns so far, per hen, of \$38 for six months or \$76 per year.

Did not begin to keep record until June 1. I have sold all the eggs I could spare and am behind now on orders.

Yours truly,

W. T.

Pennsylvania, June 16, 1910.

Mr. Ernest Kellerstrass, Kansas City, Mo.

My Dear Sir: I have only a town lot—say 200 by 45 feet. I can keep only a few birds, but on this lot I raise about 150 chicks. At present I have about 100 Orpingtons—all your strain—and about 75 Rocks. My birds are all doing well, considering that we have had rain almost daily for the last 1½ months. As to Rock, contemplate cutting them out, as nine-tenths of my egg sales were Orpington. Yes! I advertised your strain, and was unable to fill the orders; returned several checks and have only about thirty eggs on hand now. From eighteen hens and pullets I sold over \$200 worth of eggs for setting, and every one of them were sold away from home.

Kindly quote me a price on a 1 or 2-year-old cock that you think good enough to win in some of the smaller shows this winter.

Pardon me for taking up so much of your valuable time.

Very truly yours,

J. C. P.

Indiana, June 24, 1910.

Ernest Kellerstrass, Kansas City, Mo.

Dear Sir: I herewith enclose you a report from one of the pullets I raised from eggs I bought of you in 1908. I named this bird Dora. She was hatched May 28, 1908, and laid her first egg November 3.

Eggs.	Eggs.
She laid in November.... 14	June 25
December 17	July 16
January, 1909 22	August 20
February 21	September 16
March 26	October 12
April 21	
May 19	Total.....229

Now I did not set the eggs from this pullet from the following months: November and December, 1908, and October, 1909, which is 43 eggs which I did not set. And I set the 186 eggs under different hens and hatched 156 chicks from those eggs, and I raised 87 pullets and 62 cockerels. Now I have several more hens from your strain that are very nearly as good. Now I have kept this hen as a test bird, as I am raising the Mr. — strain also, and I was anxious to know which strain was the best laying strain, and my experience has taught me that the Kellerstrass Strain are the best-laying birds.

Yours very respectfully,

Mrs. J. H. W.

We simply publish the above testimonials to show the commercial side of the Kellerstrass Strain of Crystal White Orpingtons, simply to show what "Big Egg Producers" they are, and what money-makers they are.

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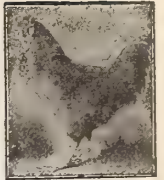
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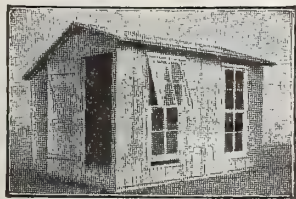
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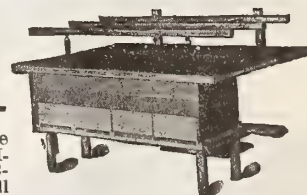
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Young exhibition Reds for the fall fairs. That is what we are offering for Sept. delivery. If in need of a winner write us, we have the bird. Also a fine lot of breeders at right prices. Exhibition cock and hens also for sale. We guarantee to give satisfaction. EXCELSIOR POULTRY FARM, J. I. Blake & Co., Props., Galesburg, Mich.

THE CHAMPION BROODER

Best in the World. Catalogue Free.

J. A. Bennett & Sons Co. : 929 Main Street : Gouverneur, New York

BARRED ROCKS

I breed Rocks that have that bright snappy color and even barring that is so hard to get. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

GEO. W. BACHMAN : : : : NORTH BALTIMORE, OHIO

HILLSON'S BARRED ROCKS

2d cock; 1st cockerel; 1st, 2d hens; 1st, 4th pullets; 1st pen; New York state cup, at Buffalo, 1909. Best eggs \$5 per setting.

Geo. W. Hillson, Hyde Park, New York

BLUE ... S. C. BUFF LEGHORNS

BLOODED
BUSINESS
UFFS ...

Our entire flock of Blue Blooded Buffs must go in next thirty days. I can fix you up in young stock for any show at the right price. One fine cock bird, \$50 value for \$20, if taken soon. If you want Buffs that are bred according to advanced ideas and standard requirements, send me your order. Write today.

Ralph Roudebush :- Station H :- Noblesville, Indiana

FOGG'S S. C. W. LEGHORNS

are winners and heavy layers. If you are interested in getting the best for your money when you buy show birds and breeders, it will pay you to write me before you order. I have thousands of young birds and several hundred breeders from which I can furnish birds that will win anywhere for you. Remember, I SELL MY CUSTOMERS WINNERS. My early hatched young birds have better quality this season than ever before. They will WIN for you at the early shows. If you want birds that are guaranteed to win and breeders that will produce something good, I can please you. Send today for free literature telling all about them.

N. V. FOGG : BOX R : MT. STERLING, KY.

OAKLAND POULTRY YARDS

S. C. WHITE LEGHORNS are better than ever this season. 1,000 show birds fit to win in the strongest competition. We have young stock ready to show now. If you desire something high class in S. C. White Leghorns, better let Oakland's help you win that blue ribbon or that silver cup. Send for mating list. : : : : :

Wm. C. Bowman, Manager, Box 337, Trenton Junction, N. J.

Empire Poultry Association

: Incorporated : :

4th Annual Show, Nov. 18-24, 1910, at
Grand Central Palace, New York City

Will be conducted on advanced methods : The world's best judges : 3200 sq. ft. of floor space : We pay our premiums before the close of show

Address

Robert Seaman, Manager : Box B, Jericho, New York

VICTOR POULTRY YARDS

Canada's Best R. C. and S. C. Black Minorcas

Winners of the Red and Blue at the largest shows on the continent. During the last three years we have won more Red and Blue Ribbons than any other breeder of Black Minorcas on the continent at such shows as Boston, New York, Buffalo, Guelph, Toronto and London. We have also supplied a great many winners for our customers. We bred and raised the following winners at the last Madison Square, N. Y., Show: 2d S. C. cock, 1st S. C. cockerel and 2d pullet. When we sell a customer once he generally becomes a regular customer. We made the following sales last season to W. F. Lindenburg, director of American Black Minorca Club, Fort Wayne, Indiana: November 1st, 1909, 1 S. C. cock, 1 S. C. cockerel and 2 S. C. pullets, price \$100; December 5th, 1909, 2 S. C. pullets, price \$200, one of these pullets won 1st at Chicago; January 15th, 1910, 1 S. C. cockerel, price \$50; February 7th, 1910, 2 S. C. pullets, price \$50; February 7th, 1910, 10 S. C. hens, price \$100; February 15th, 1910, 3 S. C. pullets, \$15. Mr. W. F. Lindenburg made nearly a clean sweep at the Indiana State Fair. Please note the following letters from satisfied customers. We will give you some more next month.

Michigan City, Ind., Dec. 2d, 1909.

Mr. T. A. Faulds, London, Ont.
Dear Sir:—The birds arrived. They certainly are a prize lot and must say they are the best I ever saw. I am the proudest man in town today and cannot say too much about them. Which is the best bird, the smallest or the largest? I admire the smallest. Wishing you success, I beg to remain,
Yours truly,
E. F. Michelson.

Somerville, Mass., Nov. 18, 1909.

Mr. T. A. Faulds, London, Ont.

Dear Sir:—Birds arrived yesterday in good condition. The cock is simply elegant and is the first bird out of hundreds that I have purchased that was better than description, or even come up to description. He would be cheap at \$50. (Price of cock, \$10; hen, \$5.) Why, Mr. Faulds, you gave me this bird. If he can't win at Springfield good birds are certainly plentiful. It is a little too soon to report on the hen, but to tell the truth my eyes are all for the cock bird. Now, Mr. Faulds, you have done me a favor; have practically given me as good a cock bird as I ever saw or owned. Now, for goodness' sake, what can I do for you to show you my appreciation? I wish to say you are the squarest man I ever dealt with in the poultry business. I remain, Yours truly,
Chas. A. Holmes.

Uno Park, Feb. 23, 1909.

Mr. T. A. Faulds, London, Ont.

Dear Sir:—The cockerel arrived on Saturday in first class condition. I think he is a nice bird and well worth the money. He was crowing lustily this morning in answer to the other birds. I guess this is the first bird you have shipped into the Cobalt country. Hoping that your business will prosper as you deserve. I remain, Yours very truly,
H. A. Parks.

Mitchell, Ontario, May 7, 1910.

Mr. T. A. Faulds, London, Ont.

Dear Sir:—The Single Comb Black Minorca cockerel I bought from you last fall, I think, is one of the best in America. I got fourth prize with him at the

We have about 400 of the best chicks this season we ever raised and will be ready for the fall trade about the 15th of September

T. A. Faulds : Life Member of the A. P. A. Member of the A. B. M. Club : **London, Ontario**
Vice-President of the I. N. Rose Comb Black Minorca Club

Guelph Show. It was the largest and heaviest bone bird at the show. All he needed was age to make him fill out and he would have easily been the winner at the big show. I will right now give you an order for another next fall. I want another like him.
Yours truly,
A. Goble.

Hespeler, Ontario.

Mr. T. A. Faulds, London, Ont.

Dear Sir:—I certainly had great luck with the eggs I got from you last season. I hatched out 17 fine chicks, and at 6½ months I had cockerels weighing 8 to 9½ pounds and pullets 8 pounds. At Galt Poultry Show Judge Oke said I had the most perfect cockerel he had seen. That was the one you paid me \$25 for. I have another I call Hugo, which I value at \$50. (I have since bought this chl. also.) I have had several good offers for him, but he is worth more than that to me to breed from. I have sold \$89 worth of birds from the two settings of eggs besides the pen of pullets I have. I consider I have the finest pen of S. C. pullets in the country, for which I owe you all the credit for being a man of honest dealing. I remain,
Yours truly,
William Etherington.

Hartwick, N. Y., Dec. 18, 1909.

Mr. T. A. Faulds, London, Ont.

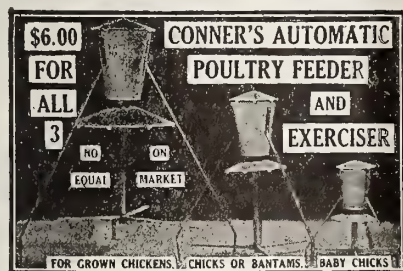
Dear Sir:—I received the R. C. Black cockerel on Dec. 10. He is all right and I like him very much. He is just the kind of a bird I wanted. I will mate him with my best hens and he will likely produce good chicks. Hoping you will have success with your birds. Price \$3.50. I remain, Yours, Moyer D. Mickle.

Rochester, Pa., U. S., May 5, 1909.

Mr. T. A. Faulds, London, Ont.

Dear Sir:—Received the last setting of eggs some time ago; set them and they came off Monday. They were good and fertile—eleven out of fourteen—will say I have fine large chicks for their age; nine living. I think you deserve great credit for your trouble and expense in filling my order three times. I see that you mean to please a customer. Yours sincerely,
Joe W. Winn.

INVESTIGATE



- It feeds, exercises and keeps your chickens healthy.
- It will increase egg yield with less feed bill.
- It will save time, labor, feed and scratching material.
- It will feed your chicks and keep them growing and healthy.
- It will keep old hens from getting too fat; hence more eggs.
- It will pay to buy a feeder if you have only ten hens.
- It feeds all kinds of grain without being regulated.
- It will prevent you from having any drones in your flock.
- It will keep sparrows, rats and mice from getting your profits.
- It can be used either inside or outdoors, being rain proof.

What Others Say

MESSRS. GILBERT BROS. & WAKELEY, of Knoxville, Pa., write:

The Self Feeders which we bought of you are all you claim them to be. Their practicability far exceeded our expectations, and we hope to use more of them later on.

MR. H. F. BERGNER, of South Chicago, Ill., says:

I am pleased to inform you that the shipment of Automatic Exercisers and Feeders was received in good order, and are now installed in my yards.

I am indeed surprised at the saving of feed, as I have always been troubled with a large flock of sparrows. This trouble is now a thing of the past, and not a grain is lost or wasted, and I think a Feeder will pay for itself at the present price of feed in about 30 days at the rate I have been losing it, to say nothing about the saving of time. I have always fed my birds two or three times a day; now I fill the hopper once a week and the chickens do the rest.

I congratulate you on having produced something that fills a long felt want, especially eliminating the trouble caused by sparrows. It is also rat and mice proof, and should be in every yard where poultry is kept, whether on a large or small scale.

MR. HERBERT STRONG, of Chatham, N. J., writes us:

Your Automatic Feeders were received by me, and after giving them a thorough trial I am convinced that they are all right, for the following reasons: They save a great deal of waste and loss of feed; the pens in which I have the Feeders require about 25 per cent less feed than the others. They will not overfatten themselves with these Feeders, as they have to do their work before getting the grain. It requires about 10 days for a hen to get used to operating it perfectly.

Prices

No. 1: Ht. 42 ins., Capacity 10 qts.	No. 2: Ht. 27 ins., Capacity 5 qts.	No. 3: Ht. 18 ins., Capacity 5 pts.
1 Feeder, \$2.50	1 Feeder, \$2.25	1 Feeder, \$2.00
2 Feeders, 4.50	2 Feeders, 4.25	2 Feeders, 3.75
3 " 6.25	3 " 6.00	3 " 5.50
4 " 8.00	4 " 7.75	4 " 7.25
5 " 9.75	5 " 9.25	5 " 8.50
6 " 11.25	6 " 10.50	6 " 9.25
12 " 22.00	12 " 20.00	12 " 18.00

One Set (one of each size) for \$6.00

This ad tells enough : To save time and correspondence order at once : Satisfaction guaranteed

W. M. Conner, Inventor and Manufacturer, Jersey City, New Jersey

SILVER DUCKWING LEGHORNS

Bred from Chicago, Cleveland, Detroit winners. Old-bred breeder of Duckwings in America. Plenty of show birds with fine striping for sale. Write me.
Sylvester Shirley :: Port Clinton, Ohio

GOLDEN & SILVER WYANDOTTES

Winners at Pittsburg, McKeesport and Beaver Valley. Are now closing out our breeders at very low prices.
Wm. J. Fox, R. D. 17, Cabot, Pennsylvania

White Orpingtons

The winners at Chicago, 1907, 1908 and 1909
PRATT POULTRY PENS, M. P. Pratt, Prop., Evanston, Illinois

Hen's Delight Brood Coop

Made of galvanized iron; vermin proof. Write for descriptive circular.
Altorfer Bros., 15 Main St., Roanoke, Ill.

SPECIAL SALE

Six yearling cocks and a dozen hens. Eggs half price. \$1.50 per 15.
J. W. Moore, L. Box 324, Cambridge City, Ind.

S. C. W. Orpingtons

of quality. Eggs after May 15. \$2.50 per 15. **W. F. B. Spanish**, the best ever. Eggs after May 15. \$1 per 15.
Portage Poultry Yards, Geo. W. Gehring, Prop., Elmore, O.

PEDIGREED

Rare quality Silver Laced Wyandottes, Houdans and Indian Runner Ducks. Bred in line over 30 years.
Blue Bell Farm :: Glenview, Illinois

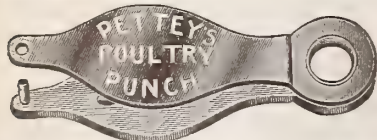
Fenton Farms

Largest plant in the country devoted exclusively to COLUMBIAN WYANDOTTES. Fine buildings, neat, sanitary and clean throughout. Leading headquarters for Columbian Wyandottes.
Fenton Farms, Mt. Clemens, Michigan

**LEGHORNS**

Brown and White, single and rose. Big eggs. 242-egg strain. Cocks and hens. Catalogue.

W. W. KULP
Pottstown, Penna.



Petter's Perfect Pocket Poultry Punch. All steel; nickel plated; punches clean; hole is right size; will not bruise the foot. Price 25 cents. Manufactured by J. O. Petter, State St., Belvidere, Ill.

CAPON TOOLS

CAPONS bring the largest profits—100 per cent more than other poultry. Caponizing is easy and soon learned. Progressive poultrymen use

PILLING CAPONIZING SETS

Postpaid \$2.50 per set with free instructions. The convenient, durable, ready-for-use kind. Best material. We also make Poultry Marker 25c. Gape Worm Extractor 25c. French Killing Knife 50c. Capon Book Free.
G. P. Pilling & Son Co., Philadelphia, Pa.

ORTHUP'S S. AND R. C. BLACK MINORCAS

Special sale of grand show and breeding birds, cocks, hens, cockerels and pullets. Our Single Comb Black Minorcas have never lost a special for large size and have won more than 5,000 prizes for our customers in strong competition. All true Rose Comb Black Minorcas were originated by Mr. Geo. H. Northup and all large breeders of note received their start of these birds from this farm. We have Mr. Northup's pure foundation stock. Large catalogue free. **GEO. W. HET, Successor to Geo. H. Northup & Son, R. 6, Raceville, Washington Co., N. Y.**

SINGLE COMB BLACK MINORCAS.....

Indianapolis and St. Louis silver cup and Madison Square Garden winners. Let me furnish you winners, young and old stock for sale.

E. E. Wilson, Vice-Prest. and State Champion Black Minorca Club, 921 Ashland Ave., Indianapolis, Ind.

ROSE COMB RHODE ISLAND REDS

250 exhibition cockerels of the highest class; also a few choice pullets to spare. They are typical Reds, being rich in color and grand in shape. I can supply you birds to win. Write

Bay View Poultry Farm E. W. Bogert Port Washington, New York

GOLDEN LACED WYANDOTTES

If you want something attractive and beautiful to show at fairs, try Golden Wyandottes. My 200-egg strain has won at Chicago, Missouri State Show Milwaukee, etc. Write for list of prizes and prices on birds.

J. S. PENNINGTON, BOX A, PLAINFIELD, ILLINOIS

Bateman's Black Langshans

Won more premiums at the late Chicago show than any other strain. They won all specials on cocks and cockerels, also more regular premiums than any others. I have a fine lot of early hatched youngsters—right for the fall shows and winter layers. Also adult stock for sale. Write me just what you are in need of.

Jesse T. Bateman :: Box A :: Waverly, Illinois

R. I. Reds

Our young stock is ready for the fall fairs, dozens of cockerels and pullets of the highest exhibition quality, big farm raised ones. If you want to win, write us. We have the goods at prices that are right. A few choice pens, also early hatched utility pullets, \$1 each. For full information, address



Simmons & Crittenden :: Geneva, Ohio

**WHITE ORPINGTONS**

They lay like slot machines. My birds have won at Madison Square, Pittsburg, Cleveland, Chicago and other large shows. Summer eggs from selected stock, \$4 per 12. Special sale of yearling pullets. Booklet free.

Lawrence Jackson, Haysville, Pennsylvania

**Easy to Read---Stays On**

After trying various others, Breeders, Judges and Poultrymen unanimously declare

THE "CONVENIENT" LEG BAND

—the best and most satisfactory they have ever seen. Made of Aluminum—sizes for all breeds, raised figures, quickly put on and won't lose off. The only Bands that are bent ready for use. 12 bands for 20c; 30 for 45c; 60 for 75c; 100 for \$1.00. Sample free.

H. O. SHAW, Box 103, Grinnell, Iowa

WE BUY**INCUBATORS OF EVERY KIND**

If you have an incubator or brooder which you desire to sell or exchange, write us.

We Pay Cash

State the make, number and egg capacity of your machine as well as lowest cash price. When writing, address

Incubator Exchange :: Brookfield, Illinois

OWEN FARMS

A FRANK QUESTION

OWEN FARMS asks you a frank question: "How much will you give for cock, hen, cockerel, pullet or pen to win your fall fair?" It is not unusual for you to buy what you want in this way. It certainly pleases us to have you tell us this right off in your first correspondence. You know as a buyer that if we do not think your offer is enough to win your fair we will not accept it. If we think it is, however, and we can win your fair we will accept it. Always the only difference between a would-be customer and Owen Farms who wants any particular stock, quality fully described and understood by both our customer and ourselves, comes in the price to be paid. We are especially confident that we will agree upon this price. Write us, then, right away and get down on business. We tell you squarely that you do not commit yourself in any manner unless the bird is satisfactory at the price. You always must keep this in view.

EARLY SHOW BIRDS

Have we many? More than ever before. 5,000 birds raised from our very best in our different varieties and not a bird less. We commenced to hatch in January and have been hatching ever since and shall hatch up to the last of August. We know that females and males can be furnished at absolutely the right condition of feather and ripe for the show especially as we shall have birds that are exactly the right age for the time when the show occurs. How good are these early show birds? Better than we have ever produced in all of our varieties and there is no show that has any terrors for us and which we do not gladly welcome an opportunity to supply winners for, guaranteed to win. The condition would be such as you would expect in the top form of the bird for the time and place and the price would fit the quality. Remember that. Always with Owen Farms, the price is never high, but always only sufficient to cover the quality desired and necessary.

FITTING WINNERS

OWEN FARMS paid Harry W. Graves, now dead, \$100 and expenses six years ago to fit their string of birds for New York and thought it cheap. Today our Mr. Delano has to take off his hat to no living man in America in fitting birds to win in the show room. Just think for one moment that you get this without extra cost whatever. Don't you believe Owen Farms did well to spend that \$100 that year? If you do, you must know that you would do well to insure fitting such as OWEN FARMS through our Mr. Delano can give you. We match pens to win. Winning every pen in N. Y. last year is the best evidence. Five first pens at Boston clinched the argument. We mean business and how far pride in continuing this great record goes in fitting and matching pens for our customers, we leave you to judge.

BOOKING WINNERS

When is it best to book your orders for the ensuing year? We say "Now." Never mind how far off the date of your show if you are sure that you are going there now is the time to write about it and to book your engagement with us as early as possible. Early fall shows, midwinter or late shows. February have been already booked by us in very large numbers, because our customers appreciate one great advantage. What is the advantage of early booking with Owen Farms? If you can get Owen Farms to say that they will win a certain show for you at a certain price no living man can buy a bird to compete against the bird sold for that show, never mind what the offer might be. You realize in making such an early booking that you are uniting all the possibilities of Owen Farms' large flock from which they can select absolutely and exactly the right bird fit for the moment to win in your interest and name.

UTILITY COCKERELS IN OCTOBER

In past years we have had a remarkable demand for big, husky utility cockerels having our best thoroughbred blood and ready for early breeding. This year we expect even a larger demand and we have prepared to fill it and the price will be \$5 each. These cockerels are of the finest breeding, full of life and vigor and from flocks that are not excelled as producers of large, brown eggs and many of them.

WHAT WE HAVE TO SELL

What we offer to you are birds of the breeds most popular in the show room. Our breeds form the largest classes constantly at New York, Chicago, Kansas City, and, in fact, every poultry show in America. We also say that we have demonstrated ourselves by our show record to be at the very head and front of each of these breeds which we offer. You do not have to take our word for this but study the records. You can find our winnings in our catalogue and you can secure the winnings of any other breeder and if ours do not compare favorably and to our advantage we ask you to write and call our attention to some other existing record that seems to you to surpass ours. Our breeds are

Buff Orpingtons
White Orpingtons
Black Orpingtons
Barred Rocks

White Rocks
White Wyandottes
S. C. Rhode Island Reds
R. C. Rhode Island Reds

Your correspondence is urgently solicited

ARE OWEN FARMS PROGRESSIVE?

If there is one thing more than another that we wish everybody to believe about Owen Farms, it is that they are alive, wide-awake and up-to-date; that they are restless on the one great question of improving all of their flocks of birds which they have at present and in recognizing quickly the merit of any breed of poultry, especially where that breed has found ready, enthusiastic acceptance on the part of poultrymen nearly all over the country.

Rhode Island Reds

Five years ago Owen Farms, from some of the best stock in the country, secured stock and eggs in Rhode Island Reds. We raised one year 2,000 birds of this variety. We have been carefully and consistently interested in every show which has taken place since in this variety. We believed then as we believe now that its future is a great one and it was only that Owen Farms did not wish to enter the show room unless it could enter in the hardest and strongest competition with as reasonable certainty of winning as they have had in any of their other varieties that we did not commence earlier for a show record.

We are now prepared to say that in Rhode Island Reds, Single and Rose Combs, we have at Owen Farms one of the finest flocks in this country, with shape as near the ideal as they are grown, with color that is rich, dark and even and with perfection of points in Rhode Island Red growing that have never been equalled in any flock in this country. This is one of the strongest statements Owen Farms have ever made, but it is one of the truest statements they ever put before the public. We are prepared to furnish Rhode Island Reds for showing in any show in this country, guaranteed to win. Our Mr. Delano judged Rhode Island Reds at New York two years. He has been more earnestly sought to judge for the Rhode Island Red Club than perhaps any other judge of the variety. I frankly submit to you the question, if we do not know where we stand in quality in this variety who could know?

In conclusion, let me say that if there are more enthusiastic breeders in any other variety than the breeders of Rhode Island Reds I wish you who read this advertisement would write and tell me who they are. To you, breeders of Rhode Island Reds, therefore I say, and I urge you to consider the matter, that if you want good birds at fair prices, always subject to your final decision and approval, in Rhode Island Reds, write to us fully and with the usual frankness we ask and encourage, and you will be absolutely glad that Owen Farms has undertaken to furnish you with what you are wanting in this grand variety.

Owen Farms

Wm. Barry Owen, Proprietor
Maurice F. Delano, Manager

107 William St., Vineyard Haven, Mass.

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars. The Elwood M. Pusey Co., East Liverpool, O

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous, farm raised birds and persistent layers. Some year-old hens and young stock for early delivery. Free catalogue. O. E. MICHAEL, R. R. 6, DAYTON, OHIO

Barred Ply. Rocks...

Fine cockerel bred hens and pullets at reduced prices. Eggs \$1.50 per 15.

Oscar Wurtz : : Edinburg, Ind.

Golden Wyandottes

Simmons strain. Winners at N. Y., Boston, Chicago. Simmons Bros. Box 880 Stockton, Illinois

S.C.R.I. Reds

Bred to lay. Twice winners of shape and colorspecials at Wheeling and State Fair. A few good cockerels for sale. : : GEO. H. KECK, Wheeling, West Virginia

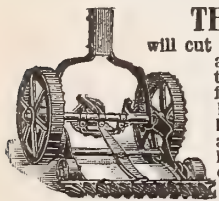
SPECIAL SALE

Poertner's "Wingold Strain" of Buff Wyandottes, Buff Orpingtons and Buff Rocks. Everything at 1/2 real value. Satisfaction. : : Fred A. Poertner, R. 6, Berasa, Ohio.

S.C. BROWN LEGHORNS

200 birds for sale. Good utility cockerels at \$1.00 each for September only. A fine lot of exhibition cockerels and pullets growing to maturity. Winners at Iowa State Fair, Cedar Rapids and Chicago.

A. E. Banta, Wheatland, Iowa



THE CLIPPER

will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices. Clipper Lawn Mower Co., Dixon, Ill.

POULTRY IN VIRGINIA

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LABAUME, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 61, Roanoke, Virginia.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls—Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."

O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago

Poley's World's Best Buff Rocks

Breeders for sale at reduced prices to make room for young stock and show birds for the early shows. Write your wants.

John W. Poley

President of the American Buff Rock Club

Royersford, Pennsylvania

R. & S. C. RHODE ISLAND REDS

Eggs ONE-HALF PRICE and sale of breeding stock for balance of the season. Write for mating list giving OUR NUMEROUS WINNINGS.

LONGFIELD POULTRY FARM

BOX 321

BLUFFTON, INDIANA

BUFF ORPINGTONS

Eggs balance of season at half price. Send for list. 25 yearling cocks and 300 females for sale; all from my well-known strain of trap-nested layers.

A. E. MARTZ

BUFF ORPINGTON SPECIALIST

ARCADIA, INDIANA

43 Varieties

Poultry, squab breeders, fancy pigeons, ducks, geese, pea fowl, pheasants, wild game, dogs and ferrets. Incubators, feed and supplies. Cockerels and pullets for sale. Catalogue, two cents.

Missouri Squab Co., Dept. R. St. Louis, Mo.

HOUDANS

A fine lot of winning Houdans for the fall and winter shows. We also breed Blue Ribbon Orpingtons, Buff, Black and White. Write your wants.

Dr. G. W. Taylor, Box A, Orleans, Ind.

The White Oak Poultry Farm

LIMA, OHIO

Re-arranged and improved for the next breeding season, will offer some rare opportunities in BABY CHICKS and eggs for hatching. The matings in S. C. White Orpingtons will be very attractive, as these pens will be headed by a pen of extra fine Crystal White Orpington pullets hatched from the Kellerstrass \$30 eggs, followed by several pens of my best Cook strain hens mated to cockerels from the same Kellerstrass hatch, together with attractive utility hens. Keep your eye open for my mating list.

R. H. Gamble

P. O. Box 63

Lima, Ohio

RHODE ISLAND REDS

Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS

:::

CONCORD, MASS.

BLACK ORPINGTONS

We have a few fine large Duke of Kent strain cockerels for sale that will win for you at your county fair and winter shows. Write us what you want.

Foster & Johnston, R. R. 7, Ft. Wayne, Indiana

YOU GET \$8 A POUND FOR

GINSENG

Start Your Bed This Fall

You do not need a farm to do it. A patch of a few square rods will give you a better profit than you can make out of a 100-acre farm.

For over 30 years the price of ginseng has been steadily advancing, never going down. And you are always sure of a market. A great Chinese importing merchant who came to America last year to arrange for larger future shipments reported that America could not possibly glut the Chinese market in the next 50 years.

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Newtown Producing Company, Newtown, Bucks Co., Pa.

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Largest winners at 1909 Chicago show. If you want to win, send to the men who raise winners. 1,000 young and old stock for sale. Our customers won with birds bought of us or hatched from our eggs at 15 shows last season, not only at small shows but at such shows as the Wisconsin State, Atlanta, Ga., and Philadelphia.

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for Chicago, Kansas City, St. Louis, Indianapolis, Cleveland, Pittsburg, Philadelphia, Boston, Madison Square Garden and other shows are now maturing among the

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the richest colored strain of Barred Rocks in the world. Winners for any show in the United States, Canada or Europe. Early birds; late birds; old birds; young birds. Cocks, hens, cockerels, pullets. Pens of all descriptions.

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We have the best lot of exhibition birds we have ever owned, and in as much as we seldom show any more, we are in position to supply you with birds that will "do the trick" for you.

We have selected breeders by the thousands, as also utility flocks that will give you better results than any breed. It is a conceded fact the world over that U. R. Fishel's White Plymouth Rocks are the most beautiful and profitable of all breeds. Send 2 dimes for 56-page catalog; worth dollars to any one. Write me your wants, please, and do not forget

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Eggs, \$0.45 and \$3 per fifteen,

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The kind that wins, pays and lays.

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I now have the best lot of both old and young stock I ever raised. Will not show this fall, and offer all my best stock for sale. About 1,000 birds to select from. Describe your wants and how much you can invest and I will tell you what I can do for you.

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150 March and April pullets, 150 utility hens and 150 cockerels.

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The Leading Strain of Heavy Layers. Winners at Madison Square Garden, New York, 1903, 1904, 1905, 1906 and 1907

Are no experiment, having been carefully selected and bred for over 20 years with results that fully justify the claim that they are one of The Great Laying Strains of S. C. White Leghorns in Existence. No labor or expense has been spared in building up perfecting the strain, and while the production of large, pure white fancy market eggs has been the main object, Standard Qualities have not been neglected. They are Large, Vigorous, Active and Handsome. Good winter layers and keep at it all summer. Unexcelled for introducing new blood or as foundation stock. Eggs for Hatching. Stock for Sale. Illus. Circular Free.

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Single Comb Brown Leghorns
1907 1908 1909 1910

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Where to Stay If You Want To Be Comfortable, Live Well, Be in the Center of Everything and Pay Only Moderate Prices

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Madison Square Garden champions. Read our prize record before buying. Choicest stock always for sale.

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A few choice breeders and show females for sale. Quality the best. Price reasonable. Everything sold on approval.

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At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, 2d special for best display and silver cup for best male and female. : J. W. Jones, Brookfield, Mo.

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Choicest Selections for the Season of 1910-1911

Exhibition Cocks, Cockerels, Hens, Pullets and Pens now ready for shipment. Important—1500 of this grand lot are the cream of 5000 cockerels and pullets hatched and raised this season. They are the product of the finest breeding pens, headed by our New York and Boston Blue Ribbon Winners and other males fully equal in breeding qualities. Bred from winners. They are sure to win in the show room and produce winners.

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Our 1910 Catalogue gives accurate and reliable information on the mating, breeding and conditioning Exhibition White and Buff Leghorns, and also contains a complete record of the prizes won in the past five years by Monmouth Strain of Buff Leghorns, the largest and finest flock in the world, and of our justly famous strain of Stay White, Low Tailed White Leghorns.

Remember: All stock is farm raised, line bred, vigorous and hardy. Satisfaction guaranteed.

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BARGAIN PRICES OF EGGS—General run, (i. e. eggs from all pens), \$2.50 per 15; \$4.50 per 30; \$6 per 45, \$12 per 100. If from pens of your own selection, \$5 per 15; \$9 per 30; \$12.50 per 45. These eggs are from my regular pens as shown in my mating list. If you are just starting in the poultry business or are a breeder and need some new blood in your flock, here is the opportunity of a life time. "PERFECTION"—weight 10½ lbs. My noted prize winner, as well as a large per cent of my best exhibition birds were June hatched. Give your chicks plenty of shade and watch the results. All orders for eggs filled promptly. My handsome illustrated mating list is free for the asking.

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REV. C. E. PETERSEN ¶ Pres't Am. Houdan Club from 1900 to 1907 ¶ BRIDGTON, MAINE**NOW IS THE TIME FOR****The Norwich Automatic Exerciser and Feeder**

for growing stock and the fowls on range. Fill the hopper, and stand the machine in the shade. See that they have water and then go, attend your business. The machine will take better care of the stock than you possibly could. Saves nearly 25 per cent of the actual costs of feeding. Is positively rat and bird proof, rust proof and dust proof, and delivers only fresh, clean grain in just such quantities as you desire. Chicks will grow faster, mature quicker, and be stronger and healthier if fed and exercised by

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while your waste is eliminated and the labor reduced to filling the hoppers when empty. It will cost you nothing to prove our claims. We guarantee them.

Norwich Automatic Feeder Co.**20 Water Street : : : Norwich, Connecticut****J. C. FISHEL & SON****HEADQUARTERS FOR WHITE WYANDOTTES**

AFTER thorough investigation you will decide to purchase WHITE WYANDOTTES. Our care in selecting our breeders last season and in rearing our stock this summer under the most favorable conditions has made it possible for you to secure the best. Be assured of winning the coveted prizes wherever you desire to show. Our time, labor and expenses were for your individual benefit.

The World's Best White Wyandottes**GUARANTEED TO SATISFY**

Are entirely a different kind of exhibition birds, bred to conform to the new Standard requirements. They are quality—the kind you like; bred for exhibition points, in a way without sacrificing their utility points. Perhaps you are short on male, female or pen for your show string, or it may be that you desire a full string of winners. In either case we can supply you. We have over one thousand birds that will do to show in the September and October shows. Show birds in the pink of condition. We will condition them for you—that's our business. You must act at once, as it is acknowledged that the World's Best White Wyandottes can sustain and do uphold their claim. We will supply a large per cent of the winners for the other breeders who always come to us when preparing for a hot show.

Send a dime for OUR NEW CATALOG—fresh from the press. Full of valuable information for the amateur and the breeder, and photo views of the home of the World's Best White Wyandottes.

J. C. Fishel & Son - - Box J - - Hope, Indiana

AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

Volume 41

Chicago, Ill., September, 1910

No. 9

The A. P. A. Convention

The Thirty-fifth Annual Meeting of the American Poultry Association Held at St. Louis, Mo., August 15-20, 1910—Acceptance of the Standard Illustrations the Most Important Matter Disposed of—New Standard Ready Dec. 1st

The thirty-fifth annual meeting of the American Poultry Association was called to order by President Bryant on Tuesday, August 16, 1910, at 9 o'clock a. m., and a welcome address delivered by W. W. Henderson, of St. Louis, who in behalf of the mayor of St. Louis bade the members of the association welcome and hoped their stay in the city would be a pleasant one.

At roll call 141 members were present, which was not nearly up to expectations. However, a number came in later, but the total number in attendance did not exceed two hundred.

Only preliminary work was done in the morning of the first day's session. In the afternoon session the secretary made his report on result of contest for separate breed Standard, which showed the Leghorns so far in the lead that there was practically no second. Therefore the Leghorns will be the third variety to have a separate breed Standard, the Plymouth Rocks and Wyandottes having been passed at previous meetings.

At the opening of the Wednesday morning session Mr. Robinson asked for information as to just what the association was to do or could do in regard to illustrations for the new Standard. Mr. Kimmey, as chairman of the editing and publishing committee, endeavored to explain that the revision committee, consisting of nine members, had made a contract with the artists to do the work at a certain price, and that it was up to the association to accept or reject the pictures when presented at this meeting.

Mr. Hicks asked how the vote stood on price of pictures as given by the artists. To this Mr. Russell replied that the vote was four to four as to whether halftone or line drawings would be used, and that the matter of price did not come up at that time.

At this point the discussion was becoming quite heated, with more or less insinuations and when Mr. Rankin asked if there was not an understanding between the artists as to the price to be paid for the drawings Mr. Bryant said that there was no doubt but what the artists got together and decided on a uniform price to be charged by all and soaked the association in good shape, but did not blame the artists if they did.

At this point Mr. Curtis introduced a resolution asking that a committee of five be appointed to investigate certain charges that had been made against him and his artists. He also asked the chair to retract the statement made by the chair that the artists had got together and "soaked" the association. The chair refused to retract.

After much discussion on the resolution introduced by Mr. Curtis a motion was made to table it. This motion carried and what for a time seemed to be a serious matter to the welfare of the association and a matter that would delay the new Standard indefinitely was disposed of in a manner that we believe was best for all concerned. After this exciting matter was disposed of Mr. Hopper introduced a resolution to the effect that any member of the association who advertised the fact that his birds had been used as models from which a

picture was made for the Standard would be expelled from the American Poultry Association. This was passed by a unanimous vote.

At the afternoon session on Wednesday the artists were called upon to exhibit the drawings they had completed. The Barred, Buff and White Rocks were the first to be criticised and were referred to a committee for suggested alterations. The Silver, Buff and White Wyandottes were the next in order and after much discussion were referred to a committee for alterations in accordance with the new Standard.

The retouched photos of Javas were accepted as presented.

Light and Dark Brahmas were referred to committee of two, Mr. Rankin and Mr. McGrew, to confer with Mr. Sewell and decide on changes necessary.

Cochins were referred to same committee and Mr. Hare and Mr. Kappy were added to this committee.

The Langshan pictures were referred to a committee of three consisting of Pierce, Kimmey and Wilson.

Minorcas were criticised severely and referred to a committee consisting of Pierce, Holden and Chase.

White Faced Black Spanish accepted as presented.

Dorkings referred to a committee of three, Graham, McClave and Lamon.

Orpingtons referred to a committee of five, consisting of Robert Kellerstrass, Delano, Coleman, Graham and Byers.

On the presentation of the Polish varieties it was moved that the pictures of the Silvers be adopted as the ideal for all Polish varieties and the artist to be instructed accordingly. This motion was carried.

The pictures of Hamburgs were referred to a committee of three, Russell, Heimlich and Southard.

Houdans referred to committee of three, Heiser, Marshall and McClave.

Games and Game Bantams were referred to committee of three, consisting of Southard, Emery and Palmer.

Silver Sebright Bantams were accepted as presented.

The pictures of the Cornish fowls were not finished and on motion were left in the hands of the artist and the editing and publishing committee.

R. C. Black Bantams referred to a committee of two, McClave and Phillips.

Buff and Black Cochins Bantams were then presented and on motion all but the Black female were accepted. This one was referred to a committee for alteration.

The Black-tailed Japanese Bantams were found very faulty and referred to the committee on Bantams.

The picture of the Bronze Turkey male was accepted as presented, but the female was referred to committee of three, consisting of Pickett, U. R. Fishel and McClave.

Pekin Ducks referred to committee of three, Pickett, McClave and Graham.

The artist informed the association that he was unable to finish the pictures of the Leghorns in time for presentation at

this meeting, and on motion was instructed to finish them and send photos of the completed ideal drawings to the presidents of the various specialty clubs for criticisms.

Indian Runner and Aylesbury Ducks referred to same committee as the Pekin Ducks were and Knapp, Windsor, Delano were added to this committee.

The idealized pictures of Toulouse Geese were accepted without comment.

Adjournment taken until Thursday morning at 9 o'clock.

Upon the opening of the Thursday morning session it was announced that owing to the fact that applications for judges' licenses had not been received within the time specified by the constitution, same were not granted.

The pictures of R. I. Reds were submitted for criticism and on motion were referred to a committee consisting of Zimmer, Delano, Buschman, Tompkins, Bryant, Sibley and Pierce.

REPORTS OF COMMITTEES.

The report of committee on Wyandotte pictures was accepted and a motion made by Mr. Delano to reconsider was lost. Mr. Delano objected to shape of tail on female.

The committee on Plymouth Rock pictures recommended their acceptance with a few minor changes on B. P. Rock female and the artist be instructed to use the type of B. P. Rock male for all the pictures.

The Brahma committee recommended that the picture of the Dark Brahma female be accepted without change and only a few minor changes in the male.



Many times a winner. River Home Poultry Yards, Box B, Perrysburg, Ohio.

The Pekin Duck committee recommended several changes and after some discussion their recommendations were concurred in.

The recommendations of the Indian Runner Duck committee, after much discussion relative to color of this variety, were accepted.

The committee on Orpingtons recommended the acceptance of the female with a few slight changes, but the picture of the male was referred back to the artist with instructions to make a new picture and to send photos of the new picture to the various specialty clubs and same to be returned to the artist within ten days. Carried.

The Black Langshan committee recommended several changes in the picture of Blank Langshans and acceptance of same. Carried.

The Bantam committee recommended a new picture be made of the Black-tailed Japanese female and many changes in the male.

Games were referred back to committee and Mr. Denny added to this committee.

The committee on Minorca pictures recommended that a new picture be made of the male and with various changes the female was accepted.

The committee on Hamburgs recommended so many changes in the pictures of S. S. Hamburgs that the whole matter was referred back to them for further consideration.

On motion it was decided to have made and inserted in the new edition of the Standard an idealized photo of White Laced Red Cornish, Silver Penciled Plymouth Rocks, Columbian Plymouth Rocks, Embden and China Geese and Rose Comb White Leghorns.

The Houdan pictures were rejected and the artist instructed to make new ones and submit photos of the new ones to the Houdan clubs for criticism.

Mr. E. T. DeGraff made application for reinstatement. Not allowed.

Charles E. Cram was suspended for exhibiting a bird that had been faked.

On motion it was deemed advisable to instruct secretaries of associations, that are members of the American Poultry Association, not to accept entries from E. E. McAvoy.

In the matter of infringement of copyright the executive board recommended that they deemed it advisable to take such legal action as would be found necessary. On this motion Mr. Nofztger, at whom the action was aimed, stated his position, and said that if he had done wrong in the matter it was unintentional and he was ready to make any reasonable amends that the association seen fit to impose upon him. A substitute motion was then offered by Mr. Curtis to employ an attorney to ascertain the validity of the copyright of the American Standard of Perfection. This motion was carried unanimously. As we understood it this relieves Mr. Nofztger of the charge of infringement of copyright.

Our friend Dr. Clark, from Indianapolis, requested that thoroughbred Games be admitted to the Standard, but after considerable discussion for and against the advisability of admitting this variety the meeting decided against their admission.

The application for admission to the Standard of Aseel Games and Barred Minorcas was not granted, as the breeders of these varieties had not complied with the requirements of the constitution.

The committee on the pictures of R. I. Reds reported and recommended that the picture of the male bird be returned to the artists with instructions to make a new one. They also recommended several changes on the picture of female. Report accepted.

It was moved that the editing and publishing committee order 25,000 copies of the new edition of the Standard and have same ready for distribution by December 1, 1910.

AMENDMENTS TO THE CONSTITUTION.

The amendments to the constitution offered by Miller Purvis, dividing the United States and Canada into districts and appointing ten organizers for each district whose duty it will be to visit the principal poultry shows and solicit members for the American Poultry Association with the understanding that for each member secured they shall be allowed \$3.00, was carried.

The amendment offered by C. W. Zimmer changing the vote of branch associations from one vote for each five absent members to one vote for each twenty-five absent members, was lost.

The amendment to Article V, Sec. 4, offered by Fred L. Kimmey, to the effect traveling and hotel expenses of all officers which accrue before the commencement of their respective terms of office and which accrue after the termination of their respective terms of office shall not be paid by the association was lost.

All amendments to the by-laws offered by John B. Robinson were lost.

Amendments to constitution offered by Reese V. Hicks, authorizing the secretary to receive applications for life membership upon payment of \$2 with the application and the further payment of \$1 per month for ten consecutive months thereafter and applications so received not to be voted into membership until the last month of the payment had been made. This amendment caused considerable discussion and upon being put to a vote was lost.

The amendment to the constitution offered by Henry Steinmesch, to the effect that the traveling and hotel expenses of officers of the association will not be paid by the association, was, after considerable discussion, lost.

The amendment changing the constitution so that no officer except the secretary could serve more than two terms in the same office was lost.

The following amendments were passed:

Amend Art. 7, Sec. 1, striking out the words "in August" and substituting therefore the words "between July 15 and November 15."

Amend Art. 7 by adding "Sec. 3. No annual meeting shall be held in connection with any poultry exhibit or display."

Amend Art. 3 of the By-Laws by substituting the word "ten" for the word "two" in Sec. 9, fourth word in the first line.

Amend Art. 3 of the By-Laws, Sec. 3 by substituting in the third line from the fourth word to the last word of the section

the following: "On special banks provided for in Sec. 10 of this article."

Amend Art. 3 of the By-Laws by adding, "Sec. 10. The Executive Committee shall prepare a special blank mentioned in Sec. 7 of this article and also a blank to be used by the five judges who endorse applicants for license. These blanks shall be complete in every detail, showing applicant's experience, ability and integrity as a poultry judge, as well as his standing in the community in which he lives.

Sec. 11. All judges shall file annually with the Secretary of the American Poultry Association a list of shows judged by them the past season, showing dates, estimates of number of specimens exhibited, and Secretaries' addresses.

All other amendments offered were either lost or referred to executive board for further consideration.

Invitations for the next annual convention were received from Toledo, Buffalo, Detroit, St. Paul, Boston and Denver. Toledo guaranteed 125 new members if the next convention was held in that city. Mr. Peters of the new Colorado State branch guaranteed at least 300 new members for the American Poultry Association if the next convention is held in Denver, Colo.

Mr. Delano moved that a supplement to the Standard be issued on cockerels and pullets. Referred to executive board.

Mr. Curtis moved that a committee of three be appointed to revise the constitution and by-laws. Carried.

Moved that editing and publishing committee be continued for another year. Carried.

The committee having in charge the express matters reported and requested further time. This was granted.

Theodore Hewes moved that Mr. Kimmey be re-elected election commissioner. Carried.

Secretary Campbell moved that membership committee be continued. Carried.

After various motions and resolutions had been passed thanking the entertainment committee and the citizens of St. Louis for the many courtesies extended to members of the association, the convention adjourned.

NOTES OF THE A. P. A. MEETING.

Denver is certainly making a strong bid for the next A. P. A. meeting.

* * *

The temperature at St. Louis during the week of the convention was certainly not conducive to the temperment of man and the only wonder is that things were as harmonious as they were.

* * *

We understood that Curtis and Hicks buried the hatchet. Let us hope so, as strife of this kind does not help the A. P. A. in the least.

* * *

Illinois was well represented at the meeting; but the eastern attendance was extremely small.

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Editor Robinson was there and of course was on the opposite side of all questions that came up.

* * *

Dr. Clark is persistent in his demands that Thoroughbred Games be admitted to the Standard. He may have better luck next time.

* * *

Five hundred and fifty new members was secured during the past year. This looks good. Let us make it one thousand this year.

* * *

Illinois now has a separate state branch of the American Poultry Association. Now let us make this the largest branch. This can be done with very little effort.

* * *

Dave Nichols was there as usual handing out souvenirs. What would the association do without him?

* * *

That draft for \$1,150 for new members from the west looked good.

* * *

C. S. Byers, Hazelrigg, Ind., gave the ladies a treat in the form of an automobile ride around the city. Carl don't do things by halves.

* * *

The Partridge Plymouth Rocks were admitted to the Standard without a dissenting voice. Mr. Noftzger is now in the front of the band wagon.

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The artists will earn their money all right on some of the varieties at least, as they have to make entirely new pictures in several cases.

SCENE ON PINE TOP POULTRY FARM, HARTWOOD, SULLIVAN CO., NEW YORK.



December 1, 1910, is the date set for the new edition of the Standard to be ready for distribution. Let us hope it will not be later, and sooner if possible.

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Many of the familiar faces were missing, and in their place were many new faces of those who had never attended a meeting of the A. P. A. before.

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The illustrated lecture given by Prof. Morse, of Washington, D. C., was listened to with interest and much valuable information learned on diseases of poultry.

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The dates of holding the annual meeting of the A. P. A. has been changed to read that the meeting may be held between the 15th of July and the 15th of November. This change was made at the earnest solicitation of the southern members, so that at some future time the South can bid for the convention, and have it held when the weather will be favorable in that locality. This was a good move.

* * *

Henry Steinmesch was certainly on the job at all times to see that the members of the A. P. A. and the ladies were properly entertained while in St. Louis.

* * *

Baseball games, auto rides, theater parties, boat rides and visits to the amusement parks was part of the entertainments provided for A. P. A. members while at St. Louis, and many took advantage of the hospitality extended.

* * *

Charles V. Keeler was there, stopped off on his way back from Texas where he had been judging. He said St. Louis was hotter than Texas. We took his word for it. It was too warm for argument.

* * *

Some good amendments to the constitution were lost because they were not properly explained to those in attendance. The only thing to do is to try again.

* * *

Secretary Campbell was ably assisted in his work by Mrs. Campbell, who was on the job at all times.

* * *

Secretary Campbell deserves the thanks of all members of the A. P. A. for the good work he has done the past year.

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President Bryant says that he will not under any circumstances be a candidate for re-election. Wonder who the next President will be.

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We can see nothing but peace and prosperity ahead for the A. P. A.

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Vice-President Baldwin was given the position as official reader during the sessions. A good pair of lungs is a mighty good asset.

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MAKE A START RIGHT NOW

There is quite a lot that can be done around the poultry yard along now. Those who have no thought for the work of getting ready for winter should get busy at once. It is well not to put it off, for if you do the chances are that something will be overlooked or have to go undone for lack of time. Getting ready for winter should engage the attention of every poultry-keeper. There is much to do. Start in by culling out and keep only the most desirable and profitable members. When the cold weather sets in house room will be at a premium and it is foolish to jeopardize the results from the whole flock and spoil the returns from good fowls by holding on to a bunch of worthless rubbish.

During the warm autumn days the poultry houses should be renovated, or new ones built if needed. If you have not a good poultry house do not expect good returns from your poultry. Money spent on a comfortable house now will be well repaid in the way of more eggs this coming winter and better health to the flock. Nothing elaborate or expensive is necessary, simply a house that will fully protect the birds from the elements. An old house which at first may seem beyond hope can often be transformed by a thorough cleaning, a coat of limewash and some decent roosts. The roof may probably need some attention, so it would be well to see to it. The floor also may need renewing, either with boards or fresh earth. Take a while and go over the walls of the house and see if they are sufficiently close to keep out the cold. These walls can be put to rights

with a roll of tar paper. Remember a shivering hen is never a profitable one. Artificial heat is not to be recommended for grown fowls, therefore the sleeping quarters should be free from draughts. Now don't delay commencing work on the house if you have not yet begun. A long rainy spell or a spell of disagreeable weather may at any time hinder you later on and outdoor work will be somewhat disagreeable. The other year a breeder had just such an experience. He waited until late to commence work on a new poultry house, and the result was that cold weather, rainy weather and blustery weather commenced before the house was nearly completed and greatly hindered the work, and so makeshifts had to be substituted in several instances. For one thing he had intended filling up the inside of the house to the depth of a foot or more with gravel, but the weather made hauling impossible and in this respect, as well as several others, the house was not perfected until the following spring. And in the winter when the fowls needed every comfort and convenience, the very worst time, was the very time when it was impossible to supply them. This year he is profiting by this experience and is getting ready for winter early so that when it comes he will be fully prepared.

Now others can profit by his experience or they may have to undergo the same sort of experience and pay the costs. Experience is a sure teacher all right enough, but sometimes she is hard on the pocketbook, to say nothing of the fond hopes she dashes out.

But the poultry business seems peculiar in that individual experiences differ so widely, and almost every one who enters the business has trials, troubles and perhaps losses peculiar to his own individual case. But by absorbing and profiting by the experience of others one can avoid much embarrassment in the experiences which are common to all poultry keepers.

There is no one going to dispute the claim that the poultry business is now right in the front. Poultry and eggs are much esteemed the world round as a highly nutritious and palatable food. There are few people who do not relish good poultry and eggs, and that is one reason why there is no danger of the business being overdone. These articles have only one rival as a natural, complete and nutritious food, namely, milk and milk products. The entire industry rests solidly upon the actual value of poultry and eggs as food and will endure therefore as long as mankind exists.

A. T. H. Fortescue.

Chatham, Ont., Can.

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FEEDING FOR EGG PRODUCTION

To get the best results we must cause them to consume large quantities of food, food that is palatable and also easily digested. The man that weighs out his rations on a pair of postal scales is not apt to have to have larger scales to weigh his eggs on. They must have all they can eat, and their appetites kept whetted up sharp at all times with something spicy. A little salt and pepper and such vegetables as potatoes, turnips, beets and carrots, thoroughly cooked; in fact, anything that tickles their palates. A delicate morsel tickles their palates and makes the saliva flow, and mixes with the food, and this aids digestion. Nobody for a moment questions but that such flavoring and seasoning serves a most beneficial purpose with the human species. All fowls have those glands in their mouths for the secreting of the saliva, and the mixing of the saliva with its food is as necessary to digestion as in the case of man.

Fowls in order to be profitable to their owner must be always in condition. Their appetites must be always good. They must be able to consume large quantities of food. A certain portion of the food consumed is always a sustaining ration. That is, it goes to sustain the life of the fowl. The food consumed over and above the sustaining ration is the food that returns the profit. The more food consumed, provided it is digested and assimilated, the greater the profit. There is very little danger of overfeeding laying stock.

Providing they have room for plenty of exercise, such as a deep litter to scratch in, a hen that is physically built for laying will seldom get too fat. I have kept thirty hens under such conditions in a building 12x16 feet, and had a 75 to 80 per cent egg yield through the coldest months of the year, by feeding the Maine Experiment Station ration with plenty of green food and grain scattered in the litter, consisting of wheat, oats and on extremely cold nights some cracked corn, with charcoal, oyster shells and grit before them at all times. I would not advocate the use of the Maine Experiment Station ration for birds kept for breeders, as it is a little too forcing, and they should not be forced too hard to insure a large per cent of fertility, but for laying stock I say season their food to make it appetizing and keep them healthy and watch results.

Frank H. King.

Trumansburg, N. Y.

WHO'S WHO IN HENDOM

"Well, boys, here we are again," as Billy McNiel says when they all get about a hotel table again at some show or other. This month, however, most all the boys are away from home. You see, I write this during the hottest of mid-August days while the A. P. A. is making some more of its brand of history down there in St. Louey. When I 'phone the boys about the country asking them if they have any objections to being lampooned more or less or not at all, I find them all away. I have given up getting any matter for this department several times this month, but a something I could not see and cannot describe drives me forward to meet the check with which I shall purchase a cockerel from one of the Pillars of Poultrydom and thus vanquish my mortal enemy, then afterwards strutting up and down the aisle telling skeptics how to produce such a bird as he.

September is the month of the first fall exhibitions. The fall fairs will wind up in October and the big gun down East will be Hagerstown and in the West the American Royal at Kansas City. These are two fitting ends for the early shows. So let us take a little trip around among the big fairs and the near-big ones, stopping from time to time, long enough that we may be sure we pass no one without a shake of the hand and a touch in the region of their purse.

The wondrous noise heard down there in the bowels of Iowa is nothing more than the state fair. Perhaps this season it will be greatly augmented by the reports of the students as they turn in their examination papers to Chicken Billy, of Ottumwa, and The Sage of West Liberty, the western chicken Sphinx, the pair of whom it is said will conduct a school for near-judges as soon as they have finished their work of placing the winners at this excellent state exposition. That is to say, they may conduct a school for judges if the would-bes turn up with the necessary amount of the ragged green stuff. In these days schools for judges of feathered bipeds are not conducted for the health the promoters get out of it. There's Chicken Billy, for instance, who has more health than he knows what to do with. What in the world would he do with more if it were tendered in payment for judging instruction? Why, he is so full of health now that he eats anything that takes his fancy and is wonderfully unaware that he has a copper-bound, cast-steel stomach.

And look at The Sage! Why, man, he is so radiant with health that folks call him the Walking Healthatorium! He has a little place on the outskirts or petticoats of West Liberty, where he digs health from the soil and the chickens. Don't talk health to him. He is slopping over with it. But let us get out of the sideshow and over into the big top, where the hens are!

There we will meet Clyde Easton, assistant superintendent; Mr. Pike, head of the department; Uncle George Stout, dean of all Iowa exhibitors; Earl Roberts, with his string of birds of all colors and shapes; Page, of Waverly; Dr. Cooper, Dick Richards, Myron Buck, Dr. Day, A. E. Warner, J. J. Elliott, O. J. Easton, and a hundred others, all of whom have put their shoulders to the wheel to make the fair a success.

Waltzing across the broad prairies and buffalo wallows of Iowa and over the river into Nebraska, we hit the little burg of Lincoln, which claims something like sixty thousand burghers. They have the state fair in the hollow of their hand. They have had it so long that it cannot get away. If it should, it would get homesick and go back again. Omahans took the state fair for a period of five years and then could not break it of its homesick habit. The poultry department of this state fair is housed in two adjoining buildings; one for the fowls and one for the appliance manufacturers. This works well.

For years C. M. Llewelling was superintendent of this



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department, but latterly it has been in the hands of Arthur H. Smith, than whom there is no more painstaking man with an exhibit in his charge. He has his helpers well in hand for the care of the birds in his charge. He makes no mistakes in the recording of decisions made by the judge, and thus has much to his credit with the exhibitors. Through the aisles we find Elmer Smith, the largest exhibitor in the state, showing White China geese and Wyandottes; H. H. Hadley, the Black Orpington breeder of most prominence beyond the river; Charles Green, Ed. H. Eggert, Frank Miltenberger, of Columbian Wyandotte fame; Charley Rhodes, who is lately placing the ribbons; Judge

Norval, who has lost his love for the Rocks; John Fulmer, of Buff Rock and Red note; Guy Schreff; C. M. Whitecomb, of Friend, and breeder of the bed-ticking variety of Plymouth Rocks; John Bishop, Orville O. Jones, W. F. Holcomb, Orlo T. White, Mr. Lake, J. C. Seacrest, of Poultry Topics; Ralph Searle, H. H. Rankin, John Cherny, E. A. Pegler, W. D. Barrett, Campbell and Minshall, of Adams; Campbell, of Osceola; Mrs. Lowery, M. M. Johnson, and all the other good men and true who have made the display of the three thousand birds every fall the high-class show that it is.

Nebraska agriculturists are rich. They all breed good stock of some kind, and the hen comes in for her due share on most of the Nebraska farms. The poultry display at the annual fair, taking place yearly, held once every fall, being the yearly showing of birds in autumn, is something that has done a great deal to push forward the chicken business out there in the country that has lost its wooliness and never is wild unless Beafalo Bull is on the lot with Running Heifer or Standing Cow.

Taking the train to Show Me Land and alighting at Sedalia, that town of pretty girls and fine state fair buildings, we cross over the street to the Smoke House to see who is in town. The Cockran brothers tell us the exhibit is going to be bigger and better than ever, which is some pleasing. Then we go over the registers at the Huckins and the Antlers—goodness! What a lot of the boys are there. While lighting your cigar, preparatory to going out to the grounds over the Katv route, a big mit slaps you in the middle of the back and you turn to meet Archie Maxwell, hale and hearty and not a day older than he was when you saw him a year ago. Archie asks you if you have been to the grounds, and on your reply says that he is just about to go out and wants you to go with him.

On the way you meet Hicks, Palmer, short and rusty; one of the Roberts brothers, August Mahnken and a parcel of others. Then you no sooner get through the gate than you see M. S. Brady and E. C. Branch, Tom Woods, W. S. Robison, John Hettich, John Miller, J. A. Heether, Tom Quisenberry, Boze Bridgeman, C. A. Morton, Henry Steinmesch, et cetera and so forth. The names of the boys come to me so fast that I cannot mill them down quick enough to name them all. This makes me sad (as I wanted to get them all in. There! I almost forgot Knorpp, of Pleasant Hill. But we may see some of them down at the American Royal, so we will go on over to K. C. without stopping here longer.

After getting located in K. C. we take the Stock Yards car behind the postoffice and after a fifteen minutes' ride we alight at the entrance to the American Royal live stock and poultry show. The first thing that attracts our attention is the banner which tells the way to the Kellerstrass exhibit and points out Peggy. This is located at the entrance to the poultry department. It is always thronged with people. The papers have been full of Peggy, dope and flocks of folks cannot get within sight of her and turn away without getting a glimpse of her.

Further along we run plumb into Tom Southard, Ted Hale and Bob Walbert, the latter telling his celebrated self-

defense story. Bob has a stock of them stored away that makes him the prince of story tellers. Not far on we see A. E. Glass, Bob Kellerstrass, Fred Nye, Charley Rhodes, Branch, Dr. Stark and George Tippee, A. E. Blaker, Kaufman, Divinia, of the Barred Rocks. They are thicker than flies on a new keg of cider in Divinia's orchard.

The ribbons begin to go up. What beauties! They certainly cost the management a pretty penny. Through the courtesy of T. S., I have a set of those handsome ribbons hanging on the wall of my den, and they are the prettiest and most expensive of all the ribbons I ever saw offered on pure bred fowls.

Next comes the big Illinois event. All the fanciers of note are on the spot with the best birds the state affords. Bickerdike, Zimmer and Hare holding a confab about the forthcoming Standard, and the facts are that none of us know anything about the time the work will be out. A private enterprise would have issued the work in a month after it was O. K.'d by the A. P. A.

The poultry building at Springfield is a good one. It is newly equipped and roomy and plenty of air circulated through it. Illinois is one of the states that provides a good premium list and this brings out entries from the best flocks round about. Good birds are an educational exhibit. Farmers and stockmen who come to the fair are always more or less interested in pure bred fowls. They want to see something better than they have and are good buyers. Illinois farmers' wives are all growing pure bred fowls. They have found that they get more pounds of meat and more dozens of fresh eggs from good poultry with the same outlay of feed and time that they gave to the old-fashioned scrubs.

Obe Lash is a haswuzzer at Springfield. In fact they have forgotten him. The eaters at the pie counter have elbowed dead ones away from it. Breeding reputations with pure bred poultry are made and unmade so fast these days that it is hardly the same crowd one meets every half decade. But over there in Illinois they hang on mighty well. I cannot take the time to count them all this shot, so I will have to move on to Minnesota, where they hold the state fair at Hamline.

This burg is a little town between Minneapolis and St. Paul and the fair grounds postoffice bears this name. It is a pretty name. Lots of folks think it is way off in one corner of the state and wonder what the poultry show of the state fair is like.

Hamline is an accommodating little village of one barn, a main street and two alleys. It lies there in the bright sunshine and shade all the season waiting for the next annual state fair. Kind, isn't she? Ralph Whitney and L. G. Tubbs are the chief bell ringers for the main show. Leslie Parlin is dean of the bunch, however, and gives the orders. And you can bet a stick of dynamite to a bag of peanuts that they are obeyed. The boys whom he has in hand to help him care for the birds that are sent to the poultry show of the state fair all like him, and that is why they obey.

Fanciers from Albert Lea, Rochester, Austin and dozens of other poultry towns such as Winona, Red Wing et al., all congregate at the poultry building just to see the chickens and watch Holden place the ribbons. Holden has been Holden onto this task of ribbon distributing for years up here. He knows how, says little, favors the birds and not the owners, and we all like him.

Doctor Graham, of Brackenfield Farms, the northwestern home of the Orpingtons, comes out with a grand string of ribbon eaters. He is bound to do some of the winning, for his flocks have been founded right and bred right. This with right feeding makes winners. Ask the man. He knows. The cool summers and the abundant shade found on most every place where good birds are bred in Minnesota make for white plumages and clean colors. The birds in the state are hardy. They come from hardy stock. Roup and the like are generally fatal in cold climates and while Minnesota is some hundreds of miles south of the Big Nail that drove Peary into fits and Cook into the asylum, still the weather is pretty stiff about the steenth of January.

As I am writing I can see the caretakers traveling up and down the aisles of the Minnesota fair poultry building, the anxious exhibitor who is from the local fancy somewhere and making his first showing, the antics of the amateur judge who is hoping to get some benefit from placing the ribbons in a few of the isolated classes where his mistakes, like those of the doctor's, are easily covered up,—I can hear the crowing of the cocks at 3 a. m. and later rouse myself as the cattle in the dairy buildings begin calling for their North

Dakota bran and Wisconsin red dog. These and more come crowding through my head as I sit here and poke this dream through this typewriter.

Every year I look forward to the Minnesota fair just as I have done in the past. I hate the crowds and all that, but just the same I go again and am glad to see the boys and tired when I get home. It's all in the fancy, and I like it, and yet hate it. I sometimes wonder how rich I would be if I had put my time and efforts that have been blown into the poultry game into the business of running a peanut roaster. But just as I get my hands into the exchequer of the dream I am waked up by the barking of the dog as he rushes to the gate to head off the neighbor lady who is coming to see if I will not at last take 70 cents for the 75-cent roaster.

But getting back to Hamline: I know just what I will see every time I go up there, yet I go just the same. Force of habit? No. The boys are calling me—those self-same boys who have made me at home year after year amongst them, and I cannot find the nerve to resist. So while the tears dim mine eyes and the mists of sweet memories drown my looking forward to further fall fairs and shows, I will close this month's rambles and sit back and enjoy the visions that pass before me.

A. B.

LICE A COMMON PEST

I have always raised chickens on a small scale for my private use. Lice have always been my greatest trouble, particularly in the hot, sultry summer months. In the past a few occasional general cleaning ups and free use of sulphur and lime has been sufficient to keep them down.

Unfortunately my two hen-houses were not originally built for the purpose of housing chickens or I would not have had the trouble I had this summer. One house is half of a shed containing a loft above. The other is an enclosed end of a shelter shed. Both are, therefore, inconvenient to get at with whitewash and not by any means tight. My former method has been to stop up holes and crevices as far as possible with newspapers and burn sulphur. The newspapers unfortunately protected the lice in the cracks and it would be impossible to reach them all with whitewash, particularly in the ceiling. I imagine a great many back-yard poultry keepers are similarly troubled and believe I have the best remedy so far.

Last summer I helped fumigate a flour mill. They used cyanide of potassium in the same manner used to fumigate fruit trees. It thoroughly killed bugs, mice, larvae, etc. My other methods failing I tried the same plan in my poultry houses with success.

A good sized stone jar holding at least two gallons is necessary. It will not be damaged by the chemical action. Put this in the center of the house and fill first with five pints of water, and then add three pints of sulphuric acid, slowly. Two pounds of cyanide of potassium is now placed in a paper sack and tied to a string, which runs through the key-hole of the closed door then drops through a screw-eye in the ceiling, swinging the sack over the jar. All the very large holes in the house must previously be stopped up with rags, soaked in coal oil in order that they will not harbor lice. The small cracks are left open.

When the string is cut the potash falls into the jar, where a vigorous action takes place freeing very poisonous vapors. One breath of this vapor will kill a man. Hence one can imagine the effect of the gas on vermin. It is very penetrating and heavy, seeking all cracks and crevices. Once into the open air it does no harm, but any insects in the cracks through which it passes are goners. Out of the many thousands of lice which must have been in my worst infested house I could find none alive. Dust baths, and thorough applications of insect powder, together with daily scaldings of the roosts got all those left on the chickens, and my flocks are contented, and free I hope, for a long time to come, and all time, with a little more daily attention.

Great care must be taken in the handling of the acid and cyanide. The cyanide is a very deadly poison. Neither it nor the acid should be allowed to touch clothing or hands. The cyanide will not affect tin, glass or stoneware, and the acid only the first. Do not put your cyanide in the sack until the last minute for it requires only a few minutes to eat through paper.

If this hadn't succeeded I was ready to try a method used by my grandmother. She placed a little carbolic acid in the chickens water. Nothing bothered the chickens thereafter. It did not affect their eggs in quantity or quality; but did impart a disagreeable flavor to their flesh, thus requiring separate fattening pens, which is generally the case anyhow.

Lloyd P. Foster.

Ashland, Ky.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to C. B. Snively, Lititz, Pa., and the second prize to A. V. Meersch, Poughkeepsie, N. Y.

THE IMPORTANCE OF COURAGE AND PERSEVERANCE.



DO not blame the man who makes mistakes unless he makes the same mistake the second time.—James Oliver.

I think more men fail from a lack of these qualities than from all other causes combined. So long as a man stands up and fights he has not failed. When he loses his "grip," when he gives up and lies down in the furrow, the end has come. So many men say they could have succeeded "if"—and then follow the account of some obstacle. How many times I have caught myself saying if only things were not in the shape they are I could get along all right, and then the thought has come to me, "Successful men are those who succeed in spite of these adverse conditions." There is an old saying that almost anyone can sail a boat in fair weather, but it is the storms that try a sailor's seamanship. If there is any time in a man's life when he needs to stand up and be a man, to summon up all of his courage and perseverance and exercise good judgment, it is when everything is going "dead wrong."

Just because your first trial with an incubator proves a failure does not prove that artificial incubation is not a success.

If you are using a heated brooder during the winter months and the lamp goes out for lack of oil, don't blame the mechanism if you find your chicks chilled the next morning. It is your own fault and there is no excuse for it.

I wish every one of the readers of American Poultry Journal and could enjoy and profit by the perusal of that excellent magazine "Little Journeys" on the life of the late James Oliver, the head of the great Oliver Chilled Plow Works. Let me give you a little extract: James Oliver was a successful man, but it was not always smooth sailing. In the early days the plow plant caught fire at night and was absolutely consumed. Returning home at 3 o'clock in the morning, exhausted and with clothing wet and frozen in a sheet of ice, this man, sorely kicked by an unkind fate, turned a chair over on the floor before the fireplace and reclined on it there with eyes closed, endeavoring to forget the trying scenes of the night. Mrs. Oliver had made coffee and prepared a simple breakfast for the tired man. But rest was never for her or her family when there was pressing work demanding attention. "James, why are you wasting time? Drink this coffee, put on some dry clothes and go at once before daylight and order lumber and brick so the men can begin at 7 o'clock to rebuild. We have orders to fill!" And the man aroused himself, obeyed the command; at 7 o'clock the lumber was on the ground and the men were at work preparing to rebuild. James Oliver was a man of courage, but his patience, persistence and unfaltering faith were largely the reflection of his wife's soul and brain.

There is no use in prolonging the review of the book; the factory was rebuilt and today it is the largest in the world.

Mistakes need not be discouraging, although it is very disappointing to lose a flock of chicks through some unknown cause. But the time to wake up is before the second flock disappears. Your loss should be an object lesson. You really must have this experience before you can see the importance of the little details. A successful poultryman usually goes through the entire mill before success eventually comes.

If you have spent the most of a good part of your life in idleness or at a disadvantage and you would now like to do something worth while, don't let the fact that you have wasted a part of your time prevent you from improving the present and future. "It's never too late to mend," even if it's your last day on earth. But, above all, do not let criticism or comment keep you down nor let repeated failures discourage you, because it is a rule of fate that you must fail just about so many times anyway before you succeed.

A great loss, as by fire or flood, seems to ruin some men—others are simply aroused to greater energy. How often when a newspaper plant is burned we hear how by means of the telegraph a new outfit is on the road before the ruins have ceased smoking. This is the true spirit.

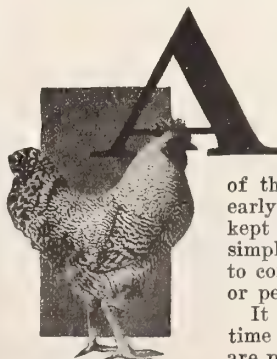
In this same line I remember an account in an old school reader of two gardeners whose early peas were killed by an untimely frost, and a few days later one went to commiserate with the other over their loss. Casting his eyes over the land, he noticed two long rows of something green stretching away across the garden. Upon examination he found them to be peas, and exclaimed, "What, didn't the frost kill your peas?" "Yes," was the reply, "but I planted some more the very next day." "And they are coming up already," exclaimed the disconsolate one. "Why, I have done nothing but mourn and lament my loss ever since it came."

If you lose your young chicks, if disease gets into your flock, if a dozen other misfortunes come upon you, don't lose your courage or perseverance.

When there is trouble so many lose heart and become dismayed, neglect everything until the trouble is over. Don't do this. Take care of everything in the best possible manner. After the trouble is all over and fortune smiles once again, as she surely will, don't be forced to say, "Oh, if I only had taken care of these things, how different it might have been." Keep everything up safe and snug, even if there is trouble. Unless we can accept these little disappointments in the right spirit we cannot succeed, for disappointment usually accompanies success.

C. B. Snively.
Lititz, Pa.

EARLY MOULTING.



AN early moult is generally a quick one and in many respects to be encouraged. The majority of poultry keepers, however, keep fowls only for a supply of eggs, and if possible they wish their birds to lay throughout the year. And to arrange this, one portion of the flock should be induced to moult early, whilst the rest of the birds are kept laying late in the season. The simplest way to bring on the moult is to confine the hens in small, warm houses or pens.

It does not matter if for the short time that the birds are shut up they are provided and cramped for space. The supply of food must be lessened, not more than one-fourth of the usual quantity being given. Wheat is very good; some Epsom salts should be put in the water, a teaspoonful of salts to a pint of drinking water. The hens should be kept confined until the feathers begin to fall freely. When

the moult has commenced the salts must be discontinued and plain water given.

As the moult progresses the feeding can be gradually increased, though the change must not be made suddenly. Soft food should then be used, such as ground oats and barley meal mixed with equal quantities of middlings. For grain in the evening, oats and wheat alternately can be given. As the fall comes on, and the moult is partly commenced, a little meat or fresh cut bones every other day will help to bring the hens on to lay. The time when they commence laying again will depend to some extent on the date when they were hatched.

October or November ought to find the egg basket being contributed to, and when the hens have once begun they ought to continue throughout the winter. The addition of a cockerel to the pen when the moult is well over will be advantageous. During the moult it will be better to separate the sexes. Many exhibitors show birds in the best condition that have been moulted in exhibition baskets and win with them. They give the birds a run in the open for a short time once a day.

While some of the hens are being managed for an early moult, it will be necessary in order to keep up a supply of eggs to induce others to continue laying as long as possible. Particularly it is advisable to do this with those hens to be disposed of after they cease to lay and before they shed their feathers. To postpone the moult the birds must be kept in as cool a house as available; the door should be left open, night and day.

No change of food should be given beyond substituting one kind of grain for another in the usual way. Hens that become broody can be allowed to sit on a nest egg, for ten days or so. The rest will do them good, and when they are removed from the nest they will probably go soon into moult and get over it quickly.

Special care should be taken that the fowls when moulting have access to shelter during rainy weather. A thorough soaking when they are nearly bare of feathers may result in cold or roup, which will last for many months.

Poughkeepsie, N. Y.

A. V. Meersch.

PREPARING FOWLS FOR THE SHOW ROOM

How to Feed and Care for the Fowls—How to Wash and Train Them Previous to Shipping Them to the Show—These are Hints From an Old Time Exhibitor



WHEN fowls show their very best is when they are in the very best of health. The first requisite is to so rear and treat the birds that they will be in perfect health. To do this is to rear them in full liberty. Birds can be raised in small inclosures, but the usual results are far from perfect physical bodies. Apple orchards or part grass and part shade is the ideal run.

There is no other treatment as far as getting a perfect growth but liberty and three full meals a day.

The next step is to overcome the wildness. Birds reared in the open, especially the smaller breeds, are quite fearful of man when first penned that they take all positions but the natural. I begin to handle them when half grown. I strew the corn around my feet when feeding, or if that will not bring them near enough to pick up I throw some in a nearby angle of the fence. After a half dozen handlings they begin to see no harm is coming and half the battle is won. This I continue until they are full grown, taking them into a coop a few times to accustom them to it, as well as persons.

When the time comes to ship I see that the feet are clean. If Barred Rocks I have at times washed them, depending how clean they are. Brown Leghorns I never wash. I use a clean cloth to wipe well the whole body. I always feed a special condition powder I discovered to fortify them against taking colds and roup. It does the work, too.

At times the combs of the Single Comb Leghorn females are too small from moulting or age and I bring them into a warm room for twenty-four or forty-eight hours, as the case may require. The Rose Combs never need such treatment. They often need the opposite treatment—cold and starvation—but that will destroy the luster of the plumage and the general looks, therefore it is seldom done.

The next job is to wash the white breeds. Have two or

three washtubs half full of water as warm as a bird can well stand it. Have some one to hold it by the feet, so you have your two hands to do the washing. I take a small dish brush and with plenty of Ivory soap thoroughly wash them all over. You need not fear to make them look as if they would never come back to nice feathers, for they will if you get all the soap out again. When you are sure, be very sure, you have the dirt all out, begin to rinse.

Use the first tub until you think you have all out you can get with it, then use the second, putting a little bluing in it. Rinse about twice as much as you think necessary, and you must be sure the soap is all out, if you must take another water, for on this will depend the looks of the fowls when dry. I take two towels and get all the water out I can with them, but do not rub the feathers too much.

Have ready clean coops in a warm room. If the weather is cold do not fear to have them near the fire, for you can judge by yourself, if you are so wet, you would want plenty of heat, yet you do not want them to get so warm that it will bring out oil on the white feathers.

You will have to look after them to see that none are holding their tails in a corner, for they will be crooked. I had a White Rock I was preparing for Madison Square dry its tail crooked. And it had to stay crooked, for it was too late to do anything. Of course I lost even a chance to win. I saw birds at West Chester one year that were not washed clean and were full of soap. You may well guess the washing was worse than wasted, for they would have looked better not washed.

I once washed a pen of White Rocks and put them in a house with a sand floor. It was years ago, let me say, for my credit. The hens promptly took another bath, but one more to their liking. They looked pretty red. So you must be mindful where you put them after you wash them.

If there is much at stake it is well to have some one with them all the time. As soon as they soil any part of the coop it can be removed at once. This preparing of white fowls for the show is one objection to white birds. It is too much of a task for me, and I have not shown many whites in the last six years. One of my men is a good hand at it, and has prepared a number of White Wyandottes, but the White Leghorns have had to stay at home many times because of the washing.

The last thing is banding, or the first, whenever you wish to do it. Better put a sealed band on them, and keep an exact record of them. Sometimes white birds are so clean they can be shown without tubbing them. This is true for local shows, but for the big ones do not risk it.

LINE BREEDING

How to Introduce New Blood Without Injuring the Blood Lines—Careful Study Necessary in Making Selections for Special Matings

Written for American Poultry Journal by C. W. Sixt, West Park, Ohio



THE object of line breeding is to retain the good qualities of the strain and at the same time eliminating the defects. Therefore, it is foolish to practice line breeding with poor stock, as there is nothing in such a strain that we would want to keep. I will not undertake to tell here how long we can mate our birds without introducing new blood; everyone must decide this question for himself. But there is one thing sure, and that is, the longer you can keep the blood lines free from foreign blood the greater will be the per cent of good birds raised from your strain, and the more they will resemble the parents.

There is no chance for like to produce like if we are continually changing the blood lines.

Now, if we are sure that we need new blood in our strain, or if we have some defect in our strain that we would like to get rid of, and we know of some breeder that has line-bred stock, and we also know that blood from this man's strain will overcome the defect in our strain (so that we may not only receive new blood but we may also overcome the defect), we will purchase a male or female, whichever suits us best; for example, we will purchase a male. We will mate this bird to one of our yearling hens and would be very careful in picking the female for this mating. We would

want this female to resemble her line of ancestors as much as possible.

We would want to raise all of the chicks possible from this pair, and be sure to toe mark them as soon as hatched, so we can distinguish them from our other chicks.

During the winter we will have plenty of time to study our birds, especially the birds from this special mating. Now, for our second year's mating we will select the best male that we raised from this mating and mate him back to his dam. Chicks from this mating will be three-quarters of the blood of the dam and one-quarter of the blood of the sire.

Now, we have used this new blood two years, but have only used it in one mating each year. The idea is to get the blood of our own strains well established in the new line before using it in our general matings, so that if there was anything in the new blood that did not nick with our strain it could not do a great deal of damage. I also believe it is best to buy your new blood from the same breeder that you bought your first stock or eggs from, as his birds will nick better with your strain than any other, because they are from the same line. Do not introduce this new blood into your whole flock until you have tested it for at least two years. If after the second year you see no bad effects, and you notice the chicks resemble the parents, you can feel safe. Now, for the third year's matings, select as many cockerels as you need for your matings, be very careful to select the ones that resemble birds of your own strain. With the exception of the defect, it may be possible that you can overcome the defects. Now mate these cockerels to hens of your original strain. I also believe it is a good idea to test the breeding qualities of the new blood three years instead of two, for the reason that it will give the breeder more time to study its characteristics, and by this time he will be able to decide whether the two blood lines will nick.

Some people will say that this plan requires too many years to establish the new blood, but I will say that it is a sure way, also a safe way.

Now, to all breeders that have the idea that they require new blood at regular intervals, would say: Buy your new blood two or three years before you need it and have it ready. This would require an extra pen, but I assure you it will pay for itself. In this way you can have new blood at hand at all times, and you need not fear of its injuring your strain.

Now, I do not wish to have it understood that I advocate introducing new blood as often as some breeders, but if it must be done, be sure to get at least three-quarters of the blood of your own strain in the new line before using it in your general matings. If, as some say, blood will tell, you will be able to tell after the second or third year.

I had an experience a few years ago along this line. Something told me that I needed new blood in my strain, so I purchased a male. I mated a few birds to him, and the first season's crop of chicks proved to be a very poor lot. Now, this male was a very fine bird; he was good in all sections. In fact he was a better show bird than a breeder. His breeding showed that he came from a very poor line.

As soon as I found his breeding qualities I disposed of him and all of his chicks. I learned by this that the best show birds are not always the best breeders. I also learned that I did not need new blood in my strain at that time, for that season's crop of chicks from our own strain was the best lot of chicks I ever raised. The eggs hatched well and the chicks grew fine.

It is not safe to introduce new blood without first testing it, as parents do not reproduce themselves, but the strain

which they represent. So if we take the best male we have and breed him to females of his own progeny his good qualities will be retained in the offspring, and the more we use this bird the more we establish his good qualities in our strain, and we could expect a large per cent of birds like the original sire, providing he comes from a good line.

THE BACK YARD FANCIER

The largest group of poultrymen today is composed of the back-yard fanciers,—those men who are confined to offices and stores all day secure diversion and pleasure from their little pen of thoroughbreds. While handicapped to some extent their success is often greater in proportion to their number of birds than that of the more extensive poultry men.

The most important difficulty they have to contend with is lack of room. To overcome this, Mr. B. Y. Fancier must (1) not overcrowd, (2) secure, as far as possible, natural conditions, (3) maintain perfectly sanitary conditions, keeping his fowls, houses and yards free from lice and dirt. This last is probably the most important of the three.

The greatest difficulty lies in raising the young birds. Here natural conditions should be secured. As their yards are necessarily small, a bed of green food, such as lettuce or rape, should be provided outside, to feed in small quantities as needed. The old fowls must all be provided with lawn clippings or other green food. To secure best results, animal food of some kind must be provided. This is most conveniently procured in the form of beef-scraps, although cut bone or fresh meat is recommended by some. In grain, the best feed is the mixed feed, as this supplies the variety of seeds they obtain under natural conditions. For the man who is away from home all day dry grain, hopper fed, is convenient. Also fresh water and grit must be kept before them all the time. Dry bread, obtained at a wholesale bakery for two cents a pound, is good feed and supplies variety.

Young birds must not be over-crowded. This promotes disease and hinders correct growth and development. In crowded space a larger profit can be made with fifteen birds than with twenty-five. Open front houses, such as are rapidly coming into favor, are the most sanitary and successful form of houses. There should also be shelters from the sun where natural shade is not provided.

Birds cannot develop in badly ventilated or dirty houses. They should be whitewashed and cleaned three times a week. Also the runs should occasionally be spaded under.

Lice are more troublesome in the city than in the country, probably for the reason the English sparrows are so prevalent. You cannot raise chickens and lice in the same house and obtain good results. The roosts should be painted once a week and the houses sprayed several times a year with a good liquid lice killer. Whitewash is cheap and should be used freely.

In the winter birds in a crowded, close house do as badly as those in a damp, draughty one. A house partly open on the south and tight on the other sides is best. With curtains before the roosts at night and a good litter and warm water in the day time the fowls will be warm and contented during the winter. A good variety of grain fed in the litter gives them needed exercise and cut bone and green food should be supplied regularly. Cabbages and other vegetables, alternated with steamed alfalfa make the best green food.

By maintaining these conditions and not neglecting details there is no reason why a back-yard fancier should not succeed and make a good profit on his investment.

Paul R. Anders.

Galesburg, Ill.





62,000 A. P. J.'s for September, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Began Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-two thousand copies of the September, 1910, issue.
J. G. BUDDE.

Subscribed and sworn to before me this 23rd day of August, 1910.
[Seal.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

The A. P. A. Convention

The thirty-fifth annual convention of the American Poultry Association is a thing of the past. It is now past history. In another part of this paper we have tried to tell our readers what was done at this convention. What we consider the most important business transacted was the acceptance of the illustrations and ordering the editing and publication committee to have printed 25,000 copies of the new edition of the Standard. These to be ready for distribution by Dec. 1, 1910. We know this will be welcome news to our thousands of subscribers who are anxious to procure a copy of this new edition and find out how near their birds comply with the requirements of the new standard.

Another Milestone

The American Poultry Association has reached another milestone, and is today on a stronger foundation than ever before. The increase in membership during the past twelve months has been most gratifying; but instead of 2,000 members we should have 10,000. Let us all get busy and get them. Every member of the American Poultry Association should appoint himself a committee of one to secure at least one new member within the next sixty days. Stop a minute and think what this would mean to the association. It would mean 100 per cent increase in membership at once.

Of course, some breeders say they will not join the association because they do not like the way the affairs of the association are handled. These are just the ones who should join the association and help correct the evils in the association, if evils do exist. They cannot do this by remaining outside of the association. So we say, send in your application for membership now and let us have an associa-

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tion so large and so strong that no poultry breeder can afford not to be a member thereof.

The Standard Illustrations

At the late meeting of the American Poultry Association the artists who had been given the contract for making the idealized photos for the new edition of the American Standard of Perfection submitted their work for approval or rejection, as the case might be. In the main the work proved to be satisfactory, which speaks volumes for the ability of the artists. They were not trying to satisfy one man, but a large body of men, many of whom have an idea that they know more about art than the artist does. Therefore the artists had a most difficult proposition to face, and we believe it will be conceded they did remarkably well.

Out of the large number of pictures submitted only four were rejected and the artists ordered to make new ones. Many were accepted without alteration. Some few were accepted with only slight alterations.

Considerable has been said in the columns of the poultry press about the price paid for these illustrations, but be it too much or too little, we believe it will be conceded by all that the artists did their work well.

A Fraud

The public is hereby notified that a man representing himself as agent for American Poultry Journal is offering six cups and six saucers, together with a year's subscription, to American Poultry Journal.

This man is a fraud and should he appear in your vicinity please wire us at our expense. He is described as being about 5 feet 3 inches tall, weight 135 to 140 pounds, yellowish hair, smooth-faced and reddish complexion. He has

been working his game in the vicinity of South Holland, Ill., Hammond, Ind., and Cedar Lake, Ind., and has been giving the name of Chas. Bennett to subscribers during the past weeks. Watch for him.

"Going West"

N. W. Ayer & Son, Philadelphia, Pa., the well-known advertising agency, recently opened a large branch office in Chicago at 181 LaSalle street, where with extended facilities they hope the better to serve their western clients, old and new. This we consider a move in the right direction. This firm was established April 1, 1869, therefore have been in the advertising business over 41 years, which is conclusive proof that they serve their patrons in a satisfactory and profitable manner. They now recognize that the center of population, and therefore the center of business, is no longer confined to the East, and have taken Horace Greeley's advice to "go west." This move we believe will be to their advantage, and will be a good thing for the advertiser, the publisher and the advertising business in general.

Illinois Branch Granted a Charter

A temporary organization of the members of the American Poultry Association was perfected July 22, with Fred L. Kimmey, president; H. H. Cowen, Virden, Ill., secretary-treasurer, and an executive committee of eleven members scattered throughout the state. The application for permission to withdraw from the Middlewest branch and for a charter for an Illinois branch had the name of some fifty-five members attached and when presented to the executive board at St. Louis a charter was granted for an Illinois branch.

Mr. Fishel was present and informed the board that Indiana was preparing to ask for a state charter and Iowa

has also called a meeting for the same purpose.

Several applications to the A. P. A. through the Illinois branch was presented and acted on favorably by the board. A meeting of the Illinois branch was held after the charter was granted and every officer present tendered his resignation that some other member in a part of the state not represented could be put in his place.

Only two of these resignations were accepted. Louis A. Stahmer resigned from the executive committee in favor of Mr. Meyers, of East St. Louis, and F. C. Hares' resignation was also accepted because Quincy was also represented by D. E. Hale.

The offered resignation of every officer present, including the president, was conclusive proof that no frameup or ring of any kind existed and proved beyond a shadow of a doubt the promoters of this organization acted only for the upbuilding of the poultry industry in our state.

A beautiful badge for the branch was secured, consisting of a button with the official emblem of the state of Illinois with a wide ribbon pendant, which is colored in vertical stripes red, white and blue, on which is printed "American Poultry Association, Illinois Branch."

The badge was generally admired and many complimentary remarks passed. A sufficient number was purchased that all A. P. A. members residing in our state may secure one by writing the secretary, H. H. Cowen, Virden, Ill.

General good feeling prevailed and many members pledged themselves to secure three, four, five and even ten new members during the year and it was the consensus of opinion that we should at least double our membership during the coming year.

We now have a state branch of our own and if you are not a member of the A. P. A. you should join at once. If you are a genuine fancier you certainly should be affiliated with the organization that promotes and fosters the fancy poultry industry.

Better join it now. Just write H. H. Cowen, Virden, Ill., and send him ten dollars. It pays you up for life and half of it stays in the Illinois branch.



Say, Martha, I jes been readin' in the American here whar it say that chickens should be trained in an exhibition coop fer tew weeks befor the show, to get 'em tame and sich.

Now, these R. I. Red we got of the Winona Farms at Lansdale, Pa., are comming along fine and are as purty as any I ever see, and the fair is only tew weeks off, so if we 'tend to enter them we better be gettin' ready.

That's jes what I'll do, go over to Mr. Rudy and see if I can't borrow one of his coops; he has them with them round sticks in front and civered with white muslin. I hear Jedge Schaub is to place the ribbons, and that he's a regular expert and has jedged at New York. Oh he's all right, no mistake about that.

Yes, Martha, I'll see tew making the entries and we'll show at the fair. Won't we feel proud if we should win?

Poultry Press Association of America

On the 13th of August a number of poultry publishers met at the Planters Hotel in St. Louis, Mo., and formed an association to be known as the Poultry Press Association of America, the objects of which is to promote harmony of action and friendly co-operation among poultry journal publishers and to correct the abuses that have crept into the business, and to adopt uniform rules and thereby make the poultry press of greater value to the reader, the advertiser and the poultry business in general.

One of the main objects in forming this association was to correct the evil that during the past few years has crept into the subscription end of the business; to stop the taking of subscriptions at fairs and poultry shows for one-half the subscription-price and al-

lowing the agent to keep this one-half. This system of soliciting subscriptions was degrading to the great industry the poultry press represented, and we are glad to announce to our readers that after October 15 agents for poultry papers will not be offering to send this or that poultry paper to your address for one year, if you will pay the postage.

The readers of the poultry journals certainly get their money's worth even when they pay the full subscription price, which they will be asked to do in the future, and which we believe they will do without hesitation, and by so doing will enable the publishers to give them a better magazine, one that will be more instructive and one that will be designed primarily for the reader.

The formation of this association we consider to be the most important



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS

It is acknowledged the world over to be the greatest laying and exhibition strain. I have 500 grand yearling hens for sale now at \$2 per head, and hundreds of cockerels and pullets after Oct. 1st.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

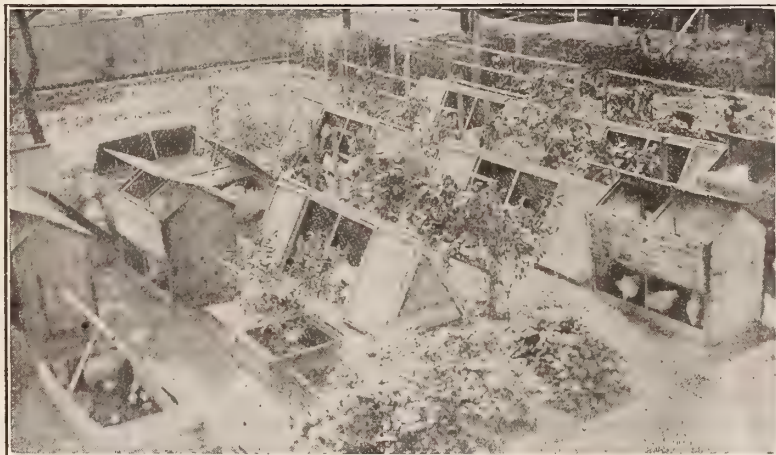
The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

**BRIGHT'S BARRED PLY. ROCKS
BROWN LEGHORNS...**

Grove Hill Poultry Yards William Ellery Bright, Proprietor **Box 410, Waltham, Massachusetts**
A. C. Smith, Superintendent

A LIVING FR

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



TO the average poultryman that would seem impossible and when we tell you that we have actually done a \$1,500 poultry business with 60 hens on a corner in the city garden 40 feet wide by 40 feet long, we are simply stating facts. It would not be possible to get such returns by anyone of the systems of poultry keeping recommended and practiced by the American people, still it can be accomplished by the

Philo System

The Philo System Is Unlike All Other Ways of Keeping Poultry and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

Our Six-Month-Old Pullets Are Laying at the Rate of 24 Eggs Each Per Month

in a space of two square feet for each bird. No green cut bone of any description is fed, and the food used is inexpensive as compared with food others are using.

Our new book, **The Philo System of Poultry Keeping**, gives full particulars regarding these wonderful discoveries, with simple, easy-to-understand directions that are right to the point, and 15 pages of illustrations showing all branches of the work from start to finish.



Don't Let the Chicks Die in the Shell

One of the secrets of success is to save all the chickens that are fully developed at hatching time, whether they can crack the shell or not. It is a simple trick and believed to be the secret of the ancient Egyptians and Chinese which enabled them to sell the chicks at ten cents a dozen.

Chicken Feed at 15 Cents a Bushel

Our book tells how to make the best green food with but little trouble and have a good supply any day in the year, winter or summer. It is just as impossible to get a large egg yield without green food as it is to keep a cow without hay or fodder.

Our New Brooder Saves Two Cents on Each Chicken

No lamp required. No danger of chilling, overheating or burning up the chickens as with brooders using lamps or any kind of fire. They also keep all the lice off the chickens automatically or kill any that may be on them when placed in the brooder. Our book gives full plans and the right to make and use them. One can easily be made in an hour at a cost of 25 to 50 cents.

Testimonials

South Britain, Conn., April 19, 1909.

Mr. E. R. Philo, Elmira, N. Y.
Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35c a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season.
Yours truly,
A. E. Nelson.

Elmira, N. Y., Oct. 30, 1909.

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Very truly yours,
(Mrs.) C. P. Goodrich.

Special Offer Send \$1.00 for one year's subscription to the **POULTRY REVIEW**, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the Philo System Book.

E. R. PHILO ————— 14 LAKE ST

POULTRY

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*A Monthly Magazine Devoted to Progressive Methods
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Another thing that is proving of great value to our subscribers is our Information Department. Our editors are always ready to help subscribers. When any difficult problem arises and you see no way of solving it, write us, and we will give you a prompt personal reply. It is quite probable that we have had a similar experience and can help you. Although no charge is made for this service, it is worth many times the subscription price.

For 1911 the POULTRY REVIEW guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class or poultrymen in every state and over thirty foreign countries.



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Very sincerely yours,

R. G. Wetmore.

905 Douglas St., Greensboro, N. C.

Feb. 12, 1910.

Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The Review came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.

Yours for success,

Milton Norman.



See Special Offer on Opposite Page

ELMIRA, NEW YORK

A LIVING FROM POULTRY

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



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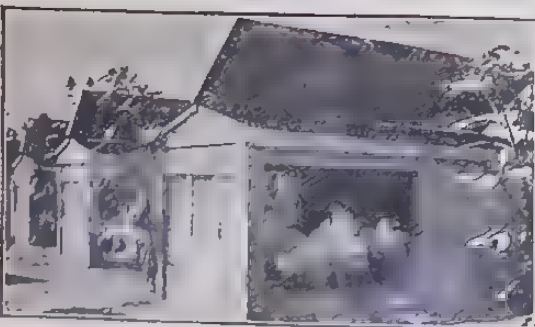
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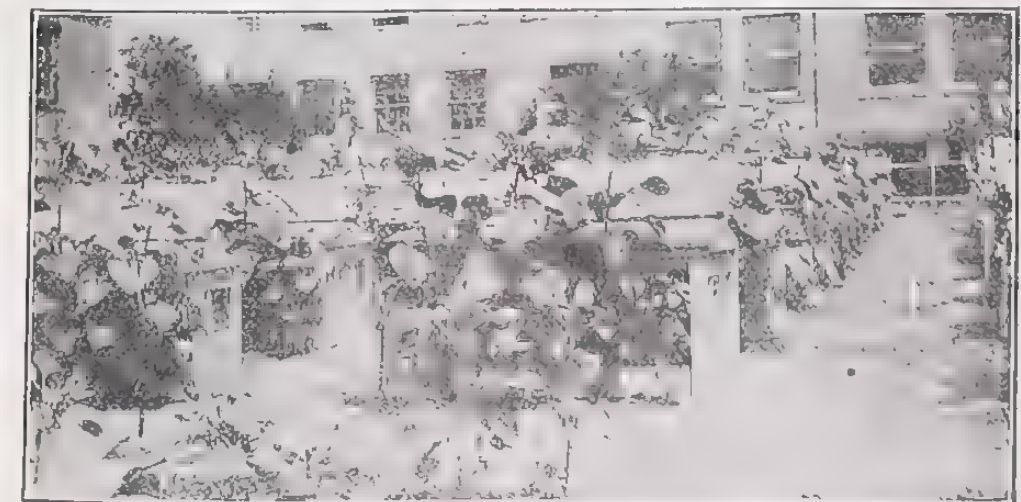
Box 214, Medicine Hat, Alta, Can., April 16, 1910.
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E. R. PHILO — 14 LAKE STREET — ELMIRA, NEW YORK

event that has ever taken place in the poultry world, as it is going to get the poultry press out of the old groove in which it has been running so long. Of course, this will not be accomplished in a day or a month, but we look for a vast improvement within one year.

This association is not made up of a few of the larger papers or a few of the smaller ones; but is made up of the large and the small, the weak and the strong, and we are all going to work together, with but one object in view, to foster and build up the poultry industry in the United States and Canada.

Following is the constitution adopted at the formation of this association:

Article I.—Name.

The name of this Association shall be the Poultry Press Association of America.

Article II.—Objects.

The objects of the Association shall be as follows:

Section 1. The advancement of the interest of its members in all legitimate ways.

Sec. 2. Promoting harmony of action and friendly co-operation among poultry journal publishers.

Sec. 3. The formulating and adopting of rules of business from time to time, which will establish more satisfactory and equitable relations between the poultry press and its patrons.

Sec. 4. The promotion of a closer personal relationship among publishers for the discussion and adoption of uniform rules which will make the poultry press of greater value and interest to all breeders of poultry and thereby foster and build up the poultry industry.

Article III.—Membership.

Section 1. Membership in the Association shall be in the name of the publication and not in the name of individuals.

Sec. 2. Membership in this Association shall carry with it the obligation to abide by and conform to the constitution and by-laws of the Association, also to such rules and regulations as may be adopted by a three-quarter vote of the total membership of this Association, except in cases where a member declines to vote in favor of a rule or regulation, said member is not to be bound thereby, but shall be temporarily suspended from the enjoyment of the privileges of membership, and shall have the right to withdraw from membership if the member so desires, on giving three months' notice, as provided in Article X hereof.

Sec. 3. Each publication holding membership in this Association shall be entitled to one representative at the meetings of the Association, each such representative shall be entitled to take part in all discussions and enjoy all privileges of membership, and shall be entitled to one vote upon any question. The name of the individual who shall exercise the voting power for a member shall be given to the secretary of the Association in the application for membership, and if at any time or meeting it becomes necessary or desirable that some one else shall cast the vote of a member the secretary shall be furnished with written credentials duly signed by such member.

Sec. 4. The membership fee shall be \$10, payable to the secretary of the Association at the time of filing appli-

cation for membership. The annual dues shall be \$10, payable in advance.

Sec. 5. New members may be elected to membership at any meeting of the Association or by mail. At a meeting of the Association the application shall receive the majority vote of the members present; by mail vote, the applicant shall receive a majority of the total membership entitled to vote.

Sec. 6. Any member desiring to withdraw from membership in the Association shall give written notice to the secretary-treasurer at least three months in advance of such action, stating in detail the reasons for withdrawal, but all members by the act of joining the Association and subscribing to this constitution agree to be bound during the said three months by the constitution and by-laws and by the rules and regulations of the Association, except as provided in Sec. 2 of Article III.

Article IV.—Meetings.

A regular annual meeting of the Association shall be held once in each twelve months, the time and place to be fixed by mail vote of members June 15 of each year at the same time election ballots are sent out. Called meetings may be held at any time upon petition to the president by five or more members of the Association. Upon receipt of such petition the president shall call said meeting at some reasonably central location, and each member of the Association shall receive notice from the secretary of the Association thirty days in advance of the date when such meeting is to be held, said notice to state upon whose request the meeting was called and the object or objects of same. Any business not otherwise provided for in this constitution may be transacted at a called meeting, even though not specified in the notice to members, but before becoming effective any action taken at such meetings must be ratified by a three-quarter vote of the membership by mail or at a regular meeting.

Article V.—Officers.

The officers of the Association shall consist of a president, vice-president, secretary-treasurer, election commissioner and an executive committee of five members, including the president and secretary-treasurer of the Association.

Article VI.—Election of Officers.

The election of officers shall be held by mail each year and is to be conducted by the secretary-treasurer. May 1 the secretary-treasurer shall send out nomination ballots to all members, such ballots being returnable to the election commissioner within thirty days. June 15 the secretary-treasurer shall send out election ballots containing a full list of nominees, these ballots to be made returnable to the election commissioner within thirty days. The voting shall close July 15 following, and nominees for each office receiving the greatest number of votes shall be declared elected. Newly elected officers shall assume their positions at the first regular annual meeting following election.

Article VII.—Duties of Officers.

Section 1. President—The president shall discharge the customary duties of his office and act as chairman of the executive committee.

Sec. 2. Vice-president—The vice-president shall, in the absence or in-

ability of the president, perform the duties of the office of president.

Sec. 3. Secretary-treasurer—The secretary-treasurer shall discharge the customary duties of his office; shall conduct the correspondence of the Association; shall keep the list of membership and all records and valuable papers belonging to the Association; shall collect and disburse all moneys of the Association, subject to the instructions and approval of the executive committee; shall keep itemized accounts of all collections and disbursements, the books and records of the Association to be open at any time to the inspection of the members; shall furnish at the expense of the Association a satisfactory bond in the sum of one thousand dollars (\$1,000), to be approved by the executive committee; shall call meetings and conduct the elections of the Association as provided in Articles VI and VII, respectively hereof; shall use his best endeavors to promote the interests of this Association and of its members as per the object and provisions of the constitution and by-laws and shall carry out any other plans and instructions that the executive committee may order.

Sec. 4. Duties of the Executive Committee—In the interval between meetings the executive committee shall have full authority to act in behalf of the Association, subject to the constitution and by-laws and to rules and regulations adopted by the Association. Three members of the executive committee shall constitute a quorum for the transaction of business. This committee shall audit all bills and accounts and authorize checks to be issued in payment thereof. Special meetings of the executive committee may be called at any time by the president or by written request of a majority of the members of the committee. In case of action of the executive committee affecting the interest of members of the Association appeal may be taken to the Association by the member or members thus affected, such appeal to be made at any regular or called meeting within eighteen months of the date of such action.

Sec. 5. Election Commissioner—The election commissioner is to receive, count and preserve all nomination and election ballots cast for the election officers of the Association; is to make a list of the nominees and return same promptly to the secretary-treasurer; is to make a list of the votes cast for the election each officer and return it promptly to the secretary-treasurer, at the same time sending a certified copy to the president of the Association.

Article VIII.—Financial Remuneration.

All officers of the association and members of the executive committee, except the secretary-treasurer shall serve without financial remuneration of any kind. The secretary-treasurer shall be reimbursed for the legitimate expense of conducting his office, all such items of expense to be approved by the majority vote of the executive committee before being allowed. If the members in attendance at any regular annual meeting of the Association constituting a majority of the total membership shall deem it consistent to remunerate the secretary-treasurer for services rendered during the previous twelve months, he shall be paid such amount as may be determined upon not to exceed \$100, provided that after

such payment there shall be not less than \$100 remaining in the treasury of the Association over and above the amount necessary to liquidate any outstanding indebtedness of the Association.

Article IX.—Mail Voting.

Matters of importance may be voted upon by mail at the request of five or more members on call of the president who shall issue such call through the secretary-treasurer upon request in writing of five or more members. In such cases the question shall be submitted to all members by registered letter and the ballot held open for thirty days after the date of submitting the question and asking for vote. In cases where members neglect or refuse to vote they shall, after the lapse of thirty days, be temporarily suspended from the privileges of membership and the matter reported to the chairman of the executive committee, which committee shall take such action in each case as it deems to be in the interests of the Association. Temporary suspension from the enjoyment of the privileges of membership, as here provided, does not release the member from obligations of membership, except as to the rule or regulation on which he refused to vote or be governed by.

Article X.—Quorum.

A quorum at a regular or called meeting shall consist of ten members present and voting.

Article XI.—Amendments.

This constitution and by-laws may be amended by a three-quarter vote of the total membership, and such action may be taken either at a regular annual meeting or by a mail vote.

All poultry publications that have not as yet joined the association should do so at once. Send to the secretary, E. E. Richards, Cedar Rapids, Iowa, for full information.

MORE EXPRESS TROUBLE.

Hon. W. H. Shaw, of Canton, Ill., has the best of standing, wherever known, and his word is as good as his bond, which is A. No. 1, says The Farm Home.

Mr. Shaw prides himself on the very superior quality of his Barred Plymouth Rocks, and his winnings at the leading shows is familiar history to the readers of poultry literature. He gives his experience in shipping eggs, which may explain why some buyers of high-class eggs do not receive what they order. He writes to The Farm Home:

"In April I shipped via Adams and Pacific Express Company, one basket of two settings, thirty eggs, of Barred Plymouth Rock eggs, and eighteen chicks hatched from those two settings, viz.: Thirteen Barred Plymouth Rocks and five Rose Combs and Leghorns hatched. The lady wrote me a stinging letter and stated she was a breeder of Rocks for eighteen years, but the proof of the pudding was the wind up of her letter when she asked me if I pen and date marked each egg, which I certainly do.

"Her second letter in answer to my letter, she states there was nine or ten eggs not pen or date marked. I pack my shipping eggs in baskets with excelsior and granulated cork and cover it with heavy cardboard and strap well with heavy twine. I have taken the matter up with the express company, and hope to get a definite solution of who switched the cut, and in the future

will seal my shipments with a lead seal. Hoping this information will be of some use to poultry breeders, and would like to hear of someone who has had a like experience. Very respectfully,
W. H. Shaw."

H. B. Prescott, proprietor of Pine Ridge Farm, Box 38, Derry village, N. H., breeder of Buff, White, Black, and Diamond Jubilee Orpingtons, reports his large flock of young birds are

doing extraordinarily well this year and he has many fine specimens to dispose of. See his ad elsewhere.

Dr. Wilbur Dace, Rushville, Ill., has purchased Queen Alice and several other fine S. C. Reds formerly owned by William Z. Bennett, of Canton, Ill. These fine specimens added to the doctor's fine flock puts him in the foremost ranks of Rhode Island Red breeders.

RESULTS are what count! They prove SUPERIORITY

FAIR OAKS FARM
EGGS OF QUALITY—STRICTLY FRESH
FANCY FRESH KILLED POULTRY

Darien, Conn., July 30, 1910.

THE HALL MAMMOTH INCUBATOR CO.,
Utica, New York.

Gentlemen: We have operated the nine thousand egg machine which you installed for us two seasons ago **continuously with excellent results** and we find it **far superior** to the kerosene lamp machines, several of which we had in use prior to our using the **Hall system**. Its **ease of operation** and **economy of fuel consumption** make it an **ideal machine for anyone** desiring to hatch on a large scale.

Very truly yours,
(Signed) L. C. SULTZER.

ORCHARD VIEW POULTRY FARM
BREEDERS OF
BRED-TO-LAY WHITE WYANDOTTES

Acushnet, Mass., July 14, 1910.

THE HALL MAMMOTH INCUBATOR CO.,
Utica, N. Y.

Dear Sirs: Chicks are better with us this year than ever before. Our last lot of 275 hatched June 3rd, are **all living** but 5 which were weak and we killed them. Our total loss up to date out of **853 chicks has been 21, which is not quite 2½ %**. Our chicks this year received the same care as last year when we ran lamp brooders and lost **18 %**. It must be the **Hall Brooder System** that's helping us turn the tide.

Yours truly,
(Signed) HEMMANN BROS.

The superiority of the Hall Equipment is appreciated by every poultryman who has availed himself of his privilege of inquiry.

Now is a good time to consider the installation of a Hall Mammoth Incubator or the Hall Brooder System.

The Hall Catalog is free.

THE HALL MAMMOTH INCUBATOR CO.
Dept. X UTICA, NEW YORK

HOME OF PRINCE RINGY.

During the latter part of July we had the pleasure of visiting the poultry plant of W. D. Holterman, Ft. Wayne, Ind., home of the "Aristocrat" B. P. Rocks, and we will endeavor to tell our readers what we saw there.

Taking the interurban electric car that runs between Ft. Wayne, Ind., and Lima, Ohio, we enjoyed a ride of about

the outside we had no difficulty in entering, where we found Mr. Holterman very busy playing ball with the boys. Right here we wish to say that Mr. Holterman does not believe in working all the time, but judging from the amount of work that has been done on this place during the past year we are convinced that he does work sometimes.

After receiving a very cordial welcome from Mr. Holterman we were es-

house with words, we asked Mr. Holterman for a photo of it, the result of which is the accompanying picture.

After examining this house on the inside we came to the conclusion that it certainly one of the most convenient and roomy poultry houses we have ever been into, and we have been in a few.

The outside yards spread out in fan-shape from the building and are large and well shaded with huge elm trees so that the fowls have plenty of shade at all times of the day.

In one of these yards we saw "Prince Ringy," the bird that so much has been written about. This bird is now five years old, but is almost as lively and vigorous as a cockerel. At this season of the year all fowls appear in their poorest condition and it would be folly for us to attempt to give a description of the birds that were used in the breeding pens the past season, but do wish to say that the evidence of quality was everywhere apparent.

With the young stock it was different and we saw several hundred head of young stock that have all the ear-marks of prize-winners, and especially the cockerels which showed large bone, clean yellow legs and barring that cannot be beat anywhere.

Mr. Holterman will have about fifteen hundred of young stock to dispose of the coming season and he is now booking orders for the early fall and winter shows.

Mr. Holterman has charge of the mail order department of the Ft. Wayne Drug Company, and as the winter time is their busy season he finds it almost impossible to take in any of the large poultry shows and therefore has to be satisfied with supplying winners to his customers. However, he hopes to be so situated in the near future that he can devote all his time to his Barred Plymouth Rocks, and when that time comes the present day exhibitors will have to look to their laurels, as it is his aim to be the largest breeder and exhibitor of B. P. Rocks in the country.

After spending a very pleasant day with Mr. Holterman and his family we took our departure, thankful that we came and sorry we could not stay longer.

Editor.



Poultry House on the Farm of W. D. Holterman, Ft. Wayne, Ind. Home of the Aristocrat Barred Plymouth Rocks.

four miles and got off at a station called Pennets Grove. A walk of about a quarter of a mile brought us to the farm gate and as the latch-string is always on

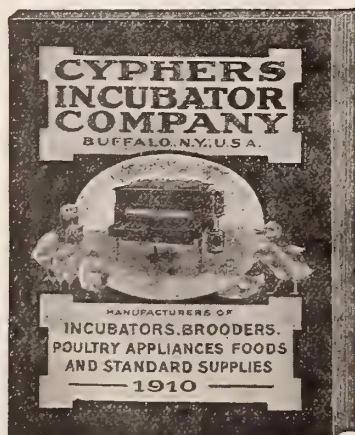
corted to his new residence, which he is just completing, and was here made welcome by Mrs. Holterman.

In due time we wandered outside and just naturally drifted over towards an odd shaped building a short distance from the house, and upon examination found it was a chicken house, and not feeling able to adequately describe this

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

EVERYTHING FOR POULTRY KEEPERS



COMPLETE FREE CATALOGUE AND ANNUAL POULTRYMAN'S GUIDE

WE MANUFACTURE SEVENTY-TWO DIFFERENT ARTICLES for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

Incubators
Brooders
Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers
Caponizing Sets
Scratching Food

Developing Food
Chick Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Shredded Alfalfa
Meal Alfalfa
Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies

Lice Powder
Lice Paint
Napcreol (Disinfectant)
Anti-Fly Pest
Egg Preservation
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports

Roofing Paper
Spray Pumps
Powder Guns
Wire Fencing
Bone Cutters
Chick Markers
Bone Mills
Root Cutters
Nest Eggs
Poultry Books

OUR COMPLETE CATALOGUE FOR 1910

Consists of 160 pages, 7½ x 10 inches, and contains an illustrated description of all goods we manufacture. Tells about freight rates, gives prices, etc. Contains five instructive chapters on successful incubating, brooding, feeding, heavy egg yields, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

THIS BIG CATALOGUE and Poultryman's Guide is **FREE** postpaid to any address if you will kindly mention that you saw our advertisement in this paper. Note below our six places of business in the United States which insure low freight rates and prompt delivery of goods. Address Home Offices or Branch Store nearest you.

CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y.

BRANCH STORES AND WAREHOUSES:

NEW YORK CITY, N. Y.
21-23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 N. Clark St.

KANSAS CITY, MO.
2325 Broadway

OAKLAND, CAL.
1569 Broadway.

Cyphers Mammoth Incubators

Are Doing Highly Satisfactory Work In Hatching Chickens And Ducklings
READ THE TWO FOLLOWING REPORTS AND JUDGE FOR YOURSELF

HOW WELL THEY HATCH HEN EGGS

WHITE HOUSE POULTRY FARM

BREEDERS OF BARRED PLYMOUTH ROCKS AND S. C. WHITE LEGHORNS
CENTER MORICHES, LONG ISLAND, N. Y.

OSCAR FROWEIN, PROPRIETOR

Cyphers Incubator Co., Buffalo, N. Y.

Center Moriches, July 28, 1910.

I have just taken off my next to last hatch for this season with the 6,000 egg Mammoth Incubator that you installed for me last fall, and it has averaged 83 1/2% for the full capacity, and one section or compartment set with S. C. W. Leghorn eggs gave me 98%.

The chicks are much stronger than those hatched in the lamp heated machines.

The regulator is perfect and I have saved over two thirds on fuel used this season.

The brooder house heater and regulators that you installed for me last season work perfectly, keeping the temperature within two degrees either way. You can enter my order for a heater and regulator for immediate delivery for a brooder house 90 ft. long.

Wishing you the best of success,

Very truly yours,

O. FROWEIN.

We are prepared to supply the latest improved models of these Mammoth Machines for either hen eggs or duck eggs, in capacities ranging from four thousand eggs up to any size the customer may desire. The Cyphers Mammoths, 1911 pattern, are shipped knocked-down at low freight rates, with

photographs and blue prints that will enable the purchaser to set up his own machine. Any handy man can do the limited amount of work required.



SPECIAL CIRCULAR:

If you are interested in custom hatching, or are selling day-old chicks, or are operating or planning to operate a large practical plant of any kind, write at once for our special circular (just printed) showing pictures of the latest pattern Cyphers Mammoth. Prices and full particulars furnished on request. Address factory and home offices or nearest branch house.

HOW WELL THEY HATCH DUCK EGGS

OCEANIC DUCK FARM

CAPACITY, 40,000 DUCKS ANNUALLY
SPEONK, LONG ISLAND, N. Y.

E. O. WILCOX, PROPRIETOR

Cyphers Incubator Co., Buffalo, N. Y.

Speonk, July 30, 1910.

Please quote me price on twenty sections of your Hot Water Mammoth Incubator, to be installed on my plant this fall. I would want them attached to the forty sections that you installed for me last year. This machine has given perfect satisfaction. It is easily operated, as the quality and quantity of the ducks hatched are much ahead of those hatched in lamp heated machines.

I have operated 20 lamp heated machines of another make this season, and the Mammoth Incubator has outhatched them. The temperature regulation is perfect, and I figure that I have saved at least \$150.00 on fuel alone this season.

During the Brooding, the death rate has been very low, as the ducks were extra strong when hatched. I would be pleased to recommend your Mammoth Incubator and have done so to a number of parties who contemplate installing Mammoth Incubators this season.

Wishing you continued success, I am,

Very truly yours,

E. O. WILCOX.

CYPHERS INCUBATOR CO.

HOME OFFICES, BUFFALO, N. Y.

BRANCHES: { 23 Barclay St., NEW YORK CITY. 12-14 Canal St., BOSTON, MASS. 340-344 N. Clark St., CHICAGO, ILL.
2325 Broadway, KANSAS CITY, MO. 1569 Broadway, OAKLAND, CAL.

REMARKABLE SUCCESS WITH THE PHILO SYSTEM.

1850 Chicks on the Rear of a City Lot
in a Space 40x40 Ft.

The remarkable story which we have to tell recounts the wonderful success attained by Mr. Victor C. McFarland, of 1428 St. Joe boulevard, Ft. Wayne, Ind., and simply shows what it is possible for any one to accomplish who will intelligently follow the instruction given by Mr. Philo in his book.

Mr. McFarland lives in the city and

had taken off twenty-two hatches in these various sized machines, ranging from 50 to 94 per cent and making an averaging of 83 per cent for all the hatches.

This is doing remarkably well when you consider they do not own a single old fowl, but buy all their eggs from farmers. Of course the chicks are a mixed lot, being mostly a grade of Barred Rocks, with some Columbian Wyandottes.

Up to the present time they have hatched just 1,850 chicks since March 11, and at the time of our visit, July 30, they had over 1,400 chicks in their Philo brood coops, the rest having attained suitable size and been sold as broilers. We

result of the care and cleanliness to be found here.

The following system of feeding is used for every hundred chicks: Take one quart of dry bread, pulverized to fine crumbs, and one quart of the regular mixed chick feed, to which add two hard boiled eggs (boiled one hour) and some charcoal and a little salt. This is moistened slightly with milk, which has been scalded, so it is a crumbly mass. This amount of feed will about be consumed by 100 chicks during the day.

When the chicks are two weeks old the hard boiled eggs are omitted, as they are too expensive, and two quarts of bran and one pint of oats soaked in cold water over night is added to the feed, which is preferably moistened with scalded milk, yet water may now be substituted.

From four to six weeks the feed for 100 consists of one quart of Globe mixed feed, one quart of bran, one quart of soaked oats and one quart of unbolted cornmeal.

From six to eight weeks the same feed is used except the bran is reduced and in its place middlings are added and some cracked corn and wheat is also fed. At two weeks old a little green food is fed until they are four weeks old, then the green food is dropped, as at this time the fattening food is commenced and they believe the green food hinders the fattening. The chicks are made to weigh one and one-fourth pounds at eight weeks and then marketed.

Their method of feeding is to feed three times a day in pans and give sufficient to last until the next feeding time. Clean water is kept before them all the time. The picture shown herewith gives you a good view of the plant. To the left hand is south, so with the tops of the brooders raised the chicks are shaded all day. To the right of the house and beyond the brooders you will see the garden.

Remember the McFarlands have everything to buy and they knew nothing about raising chickens before they started this plant. Then realize they have hatched 1,850 chicks and there are 1,400 in these coops when the picture was taken, and with the eggs in the incubators they will have over 2,000 chicks. They are very enthusiastic over the possibilities in the chicken business, and are anxious to get located on a larger piece of ground, where they can have their own stock to furnish them the eggs for incubating. They now have some eighty White Orpingtons, which they intend



THE PHILO SYSTEM IN A BACK YARD.

has only a part of an ordinary city lot, and only some 1,200 square feet of that being devoted to his poultry, the rest being in garden. First we want to say Mr. McFarland is ably assisted by his wife, who is thoroughly infatuated with the work, and we also desire to inform you they were not fanciers and had no experience before, having never seen an incubator until they procured one of their own. They now have five machines in all, ranging in size from 50 to 200 eggs, and the five give them an incubating capacity of 550 eggs. Since their first hatch on March 11 to July 29 they

were shown some that were dressed ready to fill an order, and they were as nice and plump as could be. Only the local market is catered to, and while the prices received were nominal yet we were assured there was a good profit for them. A strict book account is kept of everything, so they know exactly what they are doing. We saw the books and can vouch for the truth of these statements.

The McFarlands believe in cleanliness, and all the coops are cleaned every day. No lice are to be found and we did not see a sick chick in the 1,400. This is a very remarkable fact and is purely the

ORPINGTONS

Buff, Black and Pearl White. 1500 growing. Engage your show birds now. 30-page catalogue for a dime. : : : : :

C. S. BYERS : : HAZELRIGG, INDIANA

EXCEPTIONAL S. C. W. LEGHORNS AND BARRED PLY. ROCKS

Our birds hatched in January, February and March are now in the pink of condition for the early fall shows. We have exceptional birds in both varieties. We also have some of our fine breeding stock left, and will dispose of it at very reasonable prices. Send for particulars. : : : : :

PINE TOP POULTRY FARM

Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
Box 2 : : : : : HARTWOOD, SULLIVAN CO., NEW YORK

Kaufmann & Windheim's Rose Comb R. I. Reds

Hold the world's show record by winning more firsts in the last three years than all our competitors combined. Winners for years at Madison Square Garden, Boston and Chicago. 1500 youngsters for sale, from \$2 each up. Show birds furnished for the fall shows. Write for handsome free catalogue. : : : : :

Kaufmann & Windheim : : :

Nutley, New Jersey



MAIN OFFICE OF THE NEWTOWN PRODUCING CO., NEWTOWN, PA.

IT TAKES THE BEST TO WIN

Exhibition Birds and Breeding Stock Poultry of Proven Profit

WHY not win in the White Leghorn class this year?

IF YOU want a whole string, pen or individual bird to complete your entries—

NEWTON White Leghorns are the TYPE that WIN.

NO OTHER plant has such quality and such facilities and methods for conditioning W. Leghorns.

EVERY day brings orders for exhibition birds—better send in yours before it is too late.

REASONABLE prices prevail at Newtown.

STATE when writing where you want to win and what you are willing to pay to win.

: : : BOOKING ORDERS NOW FOR BREEDERS, EGGS AND CHICKS FOR NEXT YEAR : : :

Newtown Producing Co., Box 173, Newtown, Bucks Co., Pa.

EXHIBITION BARRED ROCKS

Six extra fine breeding pens for sale headed by Chicago winning males at special bargain prices.

Standard Rock Farm :: Truckenbrod Bros. :: Mendota, Illinois

Webster's White Rocks

Eggs at Half Price—For the balance of the season I will sell eggs from my best pens at \$1.50 and \$2.50 per fifteen. Mating list. **They are pure Graves Strain.** :: :: :: :: :: :: :: :: :: :: :: :: :: :: ::

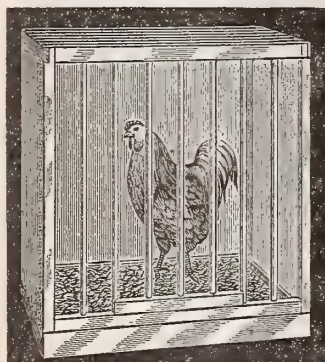
C. F. Webster : Box 99 : Girard, Penna.



REGAL WHITE WYANDOTTES

SUMMER SALE LIST—Free: Send for sale list giving description of 179 breeding males and females I am offering for sale. The choicest lot of breeders ever put on the market. Must be sold to make room for young stock. Price of eggs balance of season, \$2.50 per fifteen; \$4.50 per thirty; \$6 per forty-five.

John S. Martin, Box 51, Port Dover, Can.



This Folding Coop with 1/2-in. maple rods, painted light blue, and with cleanout drawer; size 24x24x30; all complete, \$1.00. Pen size, 40 inches long, \$1.70. Shipping coops, 20 cents up.

COOPS

For exhibition, training and shipping. A large stock of all standard sizes. Made from light, sound lumber. Neat, strong and attractive. We have made coops and cooped shows for 20 years. We can supply your wants. Special inducements to Associations on 5-apartment coops with benches.

Somerset, Pa. Association bought \$300 worth last season—entire satisfaction.

E. Massey, Mystic, Iowa, says everybody thought them the best in show.

Consolidated Poultry Yards Co., Canton, Ohio—"We trained, shipped and showed in them—are as good as ever today."

S. T. Keyes, Boston, Penna.—"Received Dollar Coops—are satisfactory."

Oconomowoc, Wis. Association—"We have the best cooped show in Wisconsin."

Yarian Poultry Co., Lima, Ohio—"Shipping Coops O. K."

Order samples; they will prove the great value. Quick shipment. Satisfaction guaranteed. Circulars free.

The Gem Incubator Co., Box B, Trotwood, Ohio

using for breeding stock. Mrs. McFarland says any man working in an office during the day could easily attend to a similar plant, perhaps not quite so extensive, and not only be benefited financially but gain in health as well.

One of the remarkable things was that we failed to see a sickly or a puny, scrawny chick in the 1,400. This is due to the cleanliness, every brooder being cleaned every day and the straw removed and replaced by fresh.

We give you the story of the success of the McFarlands in detail to show you what has actually been done and what you can do if you try.

C. W. Zimmer.

LIVE STOCK EXHIBIT AT THE STATE FAIR.

There has been an unusually heavy demand this year for space at the State Fair to exhibit horses, cattle, swine, sheep and poultry. Every stall for heavy horses has been assigned. The light horse barns are rapidly filling, notwithstanding more room has been provided this year. The pony barns are filled to overflowing. Welsh ponies have been added for 1910. Many will exhibit in tents. Reservations for dairy herds exceed all expectations, and the beef cattle exhibit will far surpass last year's. The sheep and swine pens are filled to the limit. There are over 2,000 new and strictly modern sanitary homes for poultry, and we are assured that the poultry exhibit of 1910 at the Illinois State Fair will be the largest and best ever shown in the world. Notably among these will be "Taft," a 65-pound young gobbler. No education is complete without taking in the State Fair at Springfield.

To accommodate the business, America's most popular railroad, the Chicago & Alton, will make special rates and run special trains. It is "The Only Way" to "The Only Fair."

To Our Friends and Customers:

We beg to announce that owing to our business having grown to such an extent, it is absolutely necessary that we should give our entire attention to our farms. Therefore, we have appointed Harries & Benedict Company, Inc., 67 Barclay street, New York City, our sole agents. They have taken over our supply business in its entirety. It will be continued at the same place, and the fact that Mr. Fred Harries of the above mentioned firm having been our manager, will guarantee every customer of Lakewood Farms the same personal attention they have had heretofore.

Kindly address all communications relative to poultry supplies to Harries & Benedict Company, Inc., 67 Barclay street, New York City, and make all checks payable to them for this branch of the business.

Thanking you for your past patronage and hoping you will continue same to our agents, we are

Very truly yours,

Lakewood Farms Products Co.

Mr. Harries is well known to most of our readers, he having been a breeder and advertiser for a number of years, and it will be recalled that it was his pen of White Orpingtons that won first at the last Madison Square show. Mr. Harries is thoroughly familiar with every detail of the poultry supply business and having many friends and acquaintances we predict nothing but success for Harries & Benedict Company.

Let Chas. A. Cyphers Save you 50% On A Standard Buffalo Incubator



"Ninety-seven incubators of different makes, but the Buffalo is far superior to any of them." So says Patrick McEvoy, Manager of the Crystal Springs Poultry Co., in his unsolicited testimonial below. He has had thirty years experience in the poultry business so he ought to know. Read his letter. It tells the whole truth about my wonderful new standard Buffalo Incubator. As thousands of poultry raisers know, I formerly built two of the best known high-priced types of incubators, but when I found I could produce a better incubator at half the price, I cut loose from old ideas and staked my all on the new Buffalo. It's a winner too. Biggest success ever heard of in poultry equipment. It's right in every way—materials, constructive principle, and pre-eminently right in price. For the sake of your own pocket book,

Don't Buy An Incubator Before Writing To Me

I want to tell you all about the standard Buffalo Incubators. I want to put all the facts in your hands, so you can see why the standard Buffalo is best of all and why I can save you half on the cost.

200 Egg Size - Only \$16.00

100 egg size for \$12. I save you one-third on brooders, too. Standard Buffalo Brooders are the best I ever turned out—strong, durable, temperature automatically regulated. Get all the facts about the Buffalo line so you may be prepared for a big fall hatch. Write me today—a postal card will do.

**Chas. A. Cyphers, Pres.
Buffalo Incubator Co.
4700 Ellicott Square Buffalo, N. Y.**

Read This Letter

The Crystal Springs Poultry Co., Oil City, Pa., markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the standard Buffalo Incubator, and beg to advise you that it is the largest per cent of fertile eggs taken off this season—ninety three per cent."

We have ninety-seven machines of different makes, but the standard Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, "do not change it—in the standard Buffalo you have a world beater."—Patrick McEvoy, Mgr.

This is but one of many letters that tell of the wonderful supremacy of the standard Buffalo.

ASSOCIATIONS AND SHOWS

Secretaries are requested to send in news items of interest about their show for this department.

NEWS NOTES OF ILLINOIS STATE FAIR.

Sept. 30-Oct. 8, 1910.

Special Attractions.—Wright Bros.' aeroplanes every forenoon and every afternoon, except Sunday. Barney Oldfield and his team of racing automobilists, three machines, every forenoon on the race track. Saturday, October 1: Automobile day, races and last event a five-mile race between Oldfield and a Wright biplane. Varieties of pheasants and birds from Illinois game farms.

Sunday, October 2.—William J. Bryan lectures in Coliseum on religious topic.

Improvements on Grounds.—Handsome new main entrance, \$10,000; hard road, four varieties from Woman's building to Swine pavilion, built by Illinois Highway Commission. Cement walks, 20 feet wide on both sides of this roadway. All buildings have been rewired for electricity, with complete safety appliances.

Every county in the state will send two boys, one from city and one from rural schools, to the State Fair. Instructors will be provided for them and after the fair they will write a report of the fair for their county farmers' institutes and local papers.

An exhibit of old-time farming implements and utensils.

Machinery.—Every inch of ground is filled inside and outside Machinery Hall. The demand has become so urgent that the board of agriculture has determined next year to provide more space for this exhibit.

Horses.—Every stall for heavy horses has been assigned and stalls are now being built for tents. The light horse barns are rapidly filling, more room having been provided this year. Many Kentucky stables have made reservations. The pony barns are filled to overflowing. Several will exhibit in tents. Welsh ponies have been added to the classification for 1910.

Cattle.—Extraordinary endeavors have been made this year to properly provide for all cattle. Reservations for dairy herds exceed all expectations, and the beef cattle exhibit will far surpass that of last year. Especial attention will be paid to the cattle departments this year.

Poultry.—Five hundred new coops have been bought, which with the 1,600 new ones added last year gives over 2,000 new and strictly modern sanitary homes for poultry. Assistant Superintendent McCord asserts that the poultry at this year's Illinois State Fair will be the largest and best ever shown in the world. "Taft," a 65-pound young gobbler, will be on exhibition.

Swine and Sheep.—Notwithstanding the refusal of the legislature to provide adequate quarters for Illinois sheep and swine exhibits, exhibitors continue to show their stock. The sheep and swine pens are filled to the limit and many will be content with outside pens.

Speed.—The speed programme embraces cash prizes of \$18,000, and as

usual will excel in point of entries that of the preceding year.

The Illinois State Fair for 1910 will continue to be the greatest fair on earth—a million dollar exhibition of farm products and farm machinery.

THE GREAT INTERNATIONAL.

When the Chamber of Commerce and Manufacturers' Club of Buffalo signified their intention of assisting financially the Great International Show of Poultry, Pigeons, Pet Stock and Canaries, to be held January 23 to 29, 1911, by giving a part of the \$100,000 just raised for the booming of Buffalo, the poultry boys held a jollification meeting and began at once to devise plans by which all exhibitors at this coming show will be well cared for, with a magnificent list of cups and well distributed cash specials, while every exhibiting member of the live specialty clubs will receive from 15 per cent to 25 per cent of their entry money back, together with their share in one of the five grand cash prizes which will be awarded to the five specialty clubs making the largest entry. This rebate on the entry will help the specialty clubs to increase their membership, and the fancy will be bettered thereby. The judges secured are: Butterfield, Schwab, McNeil, Burgott, Maunder, Webb, Card, Ewald, Lange and Kirkover.

The superintendents are: Poultry, G. M. Soverhill; pigeons, H. J. Young; pet stock, Wm. Gaude; canaries, Mrs. A. Butterfield.

The Buffalo Poultry and Pigeon Club, with a membership of over 300, will assist the show association in every way, and will look after the entertaining of all visitors to the show.

The International idea will be carried out again at the 1911 show. The Canadians are coming over strong and expect to clean up again, as they did in 1910, but Uncle Sam won't be caught napping. Premium list ready December 1. International Show, 308 Brisbane building, Buffalo, N. Y.

DENVER, COLO.

After expending a quarter of a million dollars in preparing the buildings and grounds for the Interstate Fair and Exposition, which this year is to be of a national character, the management has found it necessary to double the size of the poultry building and make extensive additions in other departments to accommodate the exhibits which are pouring in from all parts of the South and West. The city of Denver is expending a large sum of money on a concrete walk, which will traverse the entire length of the grounds and extend to a point 300 yards south, affording comfort and convenience for pedestrians and automobiles approaching the main entrance. The premium list aggregating \$50,000, which has been sent out, offers inducements explaining this rush of entries and the stimulus to the interest, which heretofore has been confined to a small group of states ad-



One of the finest dairy farms in the U. S.

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The Everlasting Roof!

That is what this roofing has been called by those who use it, because it is practically indestructible. It makes any building immune against every enemy that can attack a roof.

J-M ASBESTOS ROOFING

is a combination of the famous Asbestos (rock) fiber and the great weatherproofer, Trinidad Lake Asphalt. Fire, time or weather cannot affect it.

The quality of its service and durability place it in a class by itself. No other roofing can compare with it.

It will stand fire tests for any length of time that would destroy in a few minutes any of the so-called fire-resisting roofings.

J-M Asbestos Roofing never requires painting, graveling or repairing.

It saves money and worry from the day it is laid. Fifty years of experience behind it, and we not only declare, but can prove, its surpassing superiority over any or every other ready roofing on the market.

All dealers sell J-M Asbestos Roofing. If your dealer doesn't happen to have it in stock, send his name to our nearest branch and ask for samples and Booklet No. A 26.

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let A. Elden E. Cooley, Frenchtown, N. J.

BABY CHICKS. Buy Day-Old chicks, Cooley Chicks. I can supply you with strong, sturdy, healthy, growing White Leghorn and Barred Rock day-old chicks from prize winning stock. Fastest growers. Avoid the risk—let me hatch your chicks. Safe arrival assured. Exhibited Madison Square Garden, N. Y., 1908-09-10. Send for Book-

White Ply. Rocks

A few of my choice breeders for sale now at prices that will move them quick.

Wm. C. Eagley, No. Girard, Pa.
Bennett's Red Pyle Exhibition Games

won at Madison Square, Pittsburg and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

Henry Bennett :: Brown, West Virginia

Rhode Island Reds..

I have April hatched pullets and cockerels for sale. Good laying strain. Write for prices.

R. Henson, Route 2, Oberlin, Ohio

DIDRIKSEN'S CHAMPIONS

Black Minorcas, S. and R. C. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale.

A. Didriksen :: Whitewater, Wisconsin

F-R-E-E

Poultry Catalogue

East Donegal Poultry Yards, Marietta, Penna.

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio

BUFF ORPINGTONS

Eggs and stock sired by a son of a Madison Square Garden winner. Prize winning W. H. Turkeys.

H. B. Cass, R. R. 5, Taylorville, Illinois



A GOOD TRAP NEST
made in a few minutes; very simple and reliable. Complete printed instructions for making your own trap nest, only 10 cents.

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White Wyandotte Sale

My entire stock of White Wyandottes, both old and young, for sale during July and August at bargain prices. Will carry only S. C. White Leghorns in the future. My great book, "Profits in Poultry Keeping Solved," will set you right. Circular free.

Edgar Briggs :: Pleasant Valley, New York

R. C. Black Minorcas

Black Cochin Bantams

By October 1st will have on hand 250 youngsters fit for the strongest competition, bred from my noted prize-winners. Book your orders now. Have still a few copies of my illustrated catalog on hand.

Dr. J. N. MacRae, Galt, Ont., Canada

S. C. W. LEGHORNS

WIN AGAIN. We have been breeding winners for years and our record at the Montgomery Co. Fair is only a repetition of our success. We were pitted against some of the best breeders in the country, but we carried off 1st chl.; 1st, 2d pullet; 1st, 2d pen; 3 specials. If you want winners and layers we have them.

Turley & Scobee, Box M, Mt. Sterling, Ky.

R. C. R. I. REDS

Exhibition birds, selected breeders, trios or pens. 500 young birds to select from. All my own stock. Tuttle and Chase strain. Send for special sale list.

G. J. Boehland - P-33 - Rockford, Illinois

joining Colorado. Throughout all of this territory low rates are offered on all of the railroad, and after visitors have reached Denver they will find additional offerings of the western lines which will take them scattering throughout the territory which this fair represents.

EMPIRE POULTRY SHOW.

The Empire Poultry Association (incorporated) will hold their fourth annual show at the Grand Central Palace, a large, well-lighted and centrally located hall in New York City, Nov. 18, 19, 21, 22, 23, 24, 1910. Moderate entry fee will be charged and a large list of specials offered in connection with the regular premiums. The hall will be closed on Friday, the first day of the show, while the judging is in progress at 6 p. m., when the doors will be open to the public, the ribbons will be up, and on Saturday and Monday the different varieties will be demonstrated by the judges to the exhibitors and others. They have engaged the following judges: Geo. W. Weed, F. H. Davey, W. B. Atherton, C. H. Welles, W. H. Card, C. D. Cleveland, Geo. Ewald, J. C. Punderford, James M. Cutting, Geo. Young, J. B. N. Fitch, Geo. Josenhans, Jas. Glasgow, C. H. Ellard. Any one wishing any information about the show address Robert Seaman, Manager, Jericho, N. Y.

KANSAS CITY, MO.

The Missouri State Poultry Show not only has the reputation of holding one of the largest poultry shows in the world, but the quality of the birds is equal to any in America. This reputation has been established and it means much to the exhibitors and winners at this show. For an example, after the last state show, held in St. Louis, one exhibitor sold \$800 worth of stock within three weeks after the show to people who saw his birds in the show and heard of his winnings, and another exhibitor sold over \$4,000 worth of stock and eggs the past season as a result of his winnings. Many others had sales nearly equal to these, and the egg orders from the exhibitors have been enormous. Dozens of letters have been received from exhibitors stating that they never before had such an egg trade and that they will sure be with us at Convention Hall, Kansas City, November 29-December 3. T. E. Quisenberry, Secretary State Poultry Board. Columbia, Mo.

TRI-STATE SHOW, MEMPHIS, TENN.

The officers of the Tri-State Poultry Association, Memphis, Tenn., are bringing out a feature which should be encouraged and supported by every exhibitor. C. L. Baker, secretary, sends us the following:

"Realizing that the exhibitor who is unable to attend, sometimes thinks himself at a disadvantage over the one who does attend, we have decided not to allow the judges in the poultry building until time for the judging to begin. While the judging is being done no one except the officers of the show will be admitted to the poultry building."

This, we believe, is a step in the right direction, as there has been a lot of dissatisfaction among exhibitors that were unable to attend the shows, thinking that because they could not be present their

R. C. Black Minorcas

Eggs at greatly reduced prices and four grand yearling cock birds very reasonable. Prize winning strain.

J. S. Bales, Route 2, Springfield, Illinois

Mineola Strain Buff Wyandottes

L. D. Howell, Mineola, N. Y.

Barred Rock Bargains

Eggs and stock at all times. Sacrifice sale now on. Catalogue free.

Wm. H. Hoover, Route 2, Box 4, Polo, Illinois

S. C. W. Orpingtons

Kellerstrass strain. Bred from choicest matings. Eggs \$3 and \$5 for 15. Young chicks for sale.

Maple Crest Poultry Farm, R. 1, Euclid, Ohio

R. C. and S. C. Reds

Half price on eggs and all my breeders including Toledo and Cleveland winners sacrificed. Write for circular and prices. B. M. Billings, Box A, Oberlin, Ohio

BARRED ROCKS

Sure winners. Good layers, \$3 up. Choice early hatched.

F. S. Nicholson :: Otisville, New York

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses"—A 64-page book on poultry house construction.

SINGLE COMB BUFF LEGHORNS

The largest Buff breeder in the world. My birds are bred to lay. 8,000 birds for sale. ::

F. S. Smith Box C & D Hamilton, Ohio

Ringer Barred Rocks

Show and utility stock for sale, both in young and old. An especially fine lot of chks. for fall and winter shows. Write for circular of record.

H. Burkholder :: Clyde, Ohio

C-U-R-A ROUP AND CANKER REMEDY

Prevents and cures Roup, Canker, Gapes, Throat and Head Trouble in poultry. Mention this paper. Send 20 cents in 2c stamps and receive a 50c box by return mail. Agents wanted for open territory. Write for particulars.

C-U-R-A CHEMICAL COMPANY., DEPT. A, AKRON, OHIO

Amatite Roofing

Mineral surface. Needs no paint. Send for FREE Sample.

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We make a specialty of printing for poultrymen. Up-to-date cuts used. Samples free. Write today; mention this paper.

W. A. Bode Printing Co., Box 176, Fairhaven, Pa.

birds would not receive an equal showing. Of course, this is not meant as a reflection on the judges, but merely to satisfy those that exhibit and are unable to accompany their birds.

COOPS FURNISHED FREE AT KANSAS CITY.

Arrangements have been completed whereby uniform cooping will be provided for all exhibits shown at the great poultry show to be held in connection with the Missouri Valley Fair and Exposition at Electric Park, Kansas City, Mo., September 24 to 28, 1910, and at the pigeon show on September 29 to October 2.

An entry fee of 25 cents on singles and \$1 on pens, same birds competing. This fair offers a most liberal cash prize list and a great number of cash specials. Seventeen silver cups are already placed on poultry and more will be added.

Do not forget this show. For list of premiums and specials address C. S. Hunting, 1304½ Main street, Kansas City, Mo.

MONTGOMERY, ALA.

Montgomery expects to have one of the largest and best poultry shows next October in connection with the Alabama Agricultural and Industrial Exposition ever held in the state. Great preparations are being made and an attractive premium list offered; 75,000 people will attend this exhibit and many of the large manufacturers are expected to make exhibits of incubators, brooders, poultry supply fixtures, etc., for which special space will be provided and all invited. No entrance fee or cost for space for such exhibits. For any information address R. L. Todd, Director of Poultry, Montgomery, Ala.

NOTICE TO POULTRY SHOW SECRETARIES.

North Manchester, Ind., July 27, 1910.

The International Rose Comb Black Minorca Club will offer silk badges at all poultry shows which will publish the following notice in their premium list and send a marked copy of same to the secretary of the club:

"The International Rose Comb Black Minorca Club offers five silk badges, one each for best cock, hen, cockerel, pullet and pen of Rose Comb Black Minorcas, same to be awarded only to members of the club and to those who send application for membership and \$2 to pay for initiation and first year's dues to Lloyd C. Mishler, secretary, North Manchester, Ind., before judging begins."

MISSOURI STATE POULTRY EXHIBITS.

The Missouri State Fair, Sedalia, Mo., which is held October 1-7, is offering good premiums for the standard breeds of poultry. The poultry list has been entirely revised and the premiums offered are \$3 first, \$2 second and \$1 third on single entries; \$5 first, \$3 second and \$2 third on breeding pens.

All poultry entered free. The Poultry building is one of the newest and finest in the country. It is equipped with Empire coops and every convenience is furnished for poultry exhibitors.

W. S. Russell, Ottumwa, Iowa, will judge the kinds and a postal card to the

MOORE'S S. C. WHITE LEGHORNS

BARGAINS in females from exhibition matings. 100 utility hens for sale, \$1 and \$1.25 each. Eggs half price.

MOORE BROS.

MOSCOW, NEW YORK

POULTRY DISEASES And How to Prevent Them BY J. C. NUCKOLS

Thousands of young chicks die because

poultry-raisers lack the valuable information given in Mr. Nuckols' book on Poultry Diseases and their Prevention. As manufacturers of the celebrated ESSO Re-Carbonized (Twice-Burnt) CHICKEN CHARCOAL we have a personal interest in saving these young birds and will be glad to send a copy of this book postpaid on request to every poultry-fancier. There is no "string" attached to this offer—the book is as free as air to you.

You can also have a small sample package of ESSO Re-Carbonized CHARCOAL free for the asking. Or if you prefer a larger package, inclose seven cents in stamps to pay cost of mailing.

The S. Obermayer Company, 641 Evans Street, Cincinnati, O.

Poultry
Supply
Dealers:

You can greatly increase your sales of charcoal. We arrange, wherever possible, to deliver the free book and samples to poultry-raisers through a local dealer, to whom all inquiries are referred. Write for our liberal proposition to dealers.

Get this Big Free Book about your Fortune in

A 10 Acre Fruit and Vegetable Farm in Florida will make more net profit than 100 acres in the Corn Belt. You can buy a Choice Farm now on

Our easy payment plan Only **31¢ per day** **3¢ per acre**

located in the very richest section of all this wonderful country, on the Indian river called **ROSELAND PARK.**

This famous tract is right on the East Coast Ry. (best in the State) on **East Coast of Florida**

sixty miles north of the Everglades and way south of the frost belt.

You can raise three or four crops per year on the same land in Florida. Your fruit ripens and your vegetables are planted in December and January—and both are shipped to the great cities in the north while they are still freezing with chilly winter—at such a time when fresh fruit and green vegetables bring big fancy prices. Some Average Prices: Tomatoes 10c to 20c per lb. Lettuce 35c doz. heads. New Potatoes 5c to 10c lb. Green Beans 60c to 80c pk. Peppers 20c to 40c doz. Strawberries \$2 to \$4 crate.

Poultry Raising is growing into an enormous business in Florida. Big Profits, no freezing combs or chicks—Start your Poultry Farm in Florida.

ROSELAND PARK, FLORIDA

has without a question the Finest Climate in America—the winter months average about 75° and the summers rarely get above 90°. This Grand Sun-kist Tropical Country is the:

winter rendezvous for millions of rich northerners,

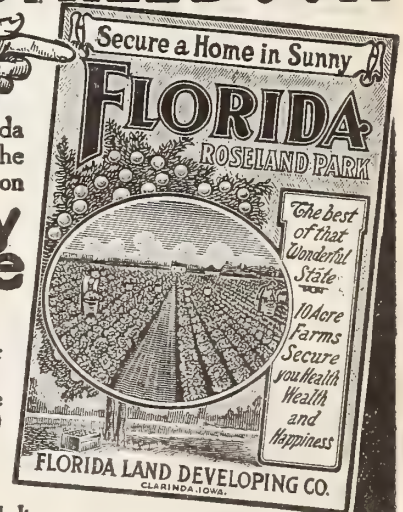
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200 SELECTED RECIPES Send 4c in stamps for a copy of the **and Household "ENTERPRISING HOUSE-KEEPER,"** containing these **Helps, 4 cents.** famous recipes. Address **The Enterprise Mfg. Co. of Pa., Dept. 33, Phila.**

CORN

HARVESTER with Binder Attachment cuts and throws in piles on harvester or winnow. Man and horse cuts and shocks equal with a Corn Binder. Sold in every state. Price \$20 with Binder Attachment. **S. C. MONTGOMERY, of Texline, Tex.,** writes:—"The harvester has proven all you claim for it. With the assistance of one man cut and bound over 100 acres of Corn, Kaffir Corn and Maize last year." Testimonials and catalog free, showing picture of harvester. **New Process Mfg. Co., - Salina, Kansas**

PETERS' WHITE PLY. ROCKS

The superior kind, that have won over 200 ribbons in last 8 yrs. at some of the leading shows. None better. April and May hatched chicks for sale reasonable. Write **F. W. Peters, 460 East 18th St., Erie, Pa.**

S. C. Reds

that have the shape and color, for sale at reasonable prices. **Homer Slagle, Vice-President of Ohio State Branch, Poland, Ohio.**

BANTAMS

Buff, White and Black Cochin. My 8-page catalogue sent free on receipt of 2c stamp. **Geo. M. Hill, Station 1, Jackson, Michigan**



GIBRALTER LEG BANDS are shaped; just snap on; big bright numbers. 1 doz., 20c; 25, 35c; 50, 60c; 100, \$1. Other kinds at 6c 100. **A. E. Wagie, Marshall, Mo.**

WESTERN BRED WHITE WYANDOTTES

From **Duston's Chalk White** strain cockerels hatched March 20, weighed 6 lbs. July 31. Will take orders now for a limited number of young stock for Oct. delivery.

Dr. B. Smyth -:- Yankton, South Dakota

"H. H. H." WHITE ROCKS

Write for snap shot, description and price of individual young stock.

Herbert H. Haskin, R. 5, Robinson, Ill.



CAPNAC
TWO-IN-ONE NEVER-LEAK

Roofing Nails

Allows for Shrinkage and Expansion
Increase Life of Roofing 50 Per Cent.
Saves You 2/3 Labor Cost Less Than Tin Caps.

Ask Your Dealer Samples Free

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LEADER ADJUSTABLE

LEG BANDS

Send name now for many free samples and prices. Most complete line of highest quality bands for every use.

SMITH SEALED. Used by America's leading fanciers. Prices: 12, 30c; 25, 60c; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid.

LEADER ADJUSTABLE. Smoothest and most secure fastening ever invented. Prices: postpaid: 12, 15c; 25, 35c; 50, 40c; 100, 65c; 250, \$1.50; 500, \$2.75; 1000, \$5.25.

Samples of these and many other styles free if you send postal now for booklet.

KEYES-DAVIS CO., Ltd., Mfrs. Dept. 502, Battle Creek, Mich.

secretary at Sedalia, Mo., will bring you the regular premium list.

TENNESSEE STATE FAIR POULTRY SHOW.

The fifth annual exhibition of the Tennessee State Fair Poultry Show will be held at Nashville, Tenn., September 19-24, 1910. This show is conceded to be the South's greatest annual poultry event. It is the greatest market place for pure bred poultry in America. Thousands of people attend the Tennessee State Fair Poultry show each year for no other purpose than to purchase stock and eggs. Big premium list and many cash specials. Send for premium list and entry blanks to **John A. Murkin, Nashville, Tenn.**

AN ILLINOIS BRONZE TURKEY CLUB NEEDED.

I have been a Bronze Turkey breeder for twelve years, have read the American Poultry Journal for two years, and have never read of an Illinois National Bronze Turkey Club yet. Is it the writer's fault, that he has overlooked it, or is it possible that there is no Bronze Turkey Club in the great state of Illinois? I notice in the premium list of the Illinois State Poultry Association's sixteenth annual show for January 3-8, 1910, that a number of clubs—the National Partridge Wyandotte Club, specials; the National Single Comb Buff Orpington Club, specials; the National White Holland Turkey Club, specials, etc., etc.—offered handsome silver cups and ribbons, but no Bronze Turkey Club special. Therefore I only entered four of my Bronze Turkeys at the state show of above date. If there is a Bronze Turkey Club it ought to be more extensively published, for I think there is no breed of poultry that is more profitable on a farm than the turkey. In the spring, when the old mother turkey is turned out of the coop with her brood, for exercise, it is interesting to see the little fellows, rushing hither and thither, snatching up the insect pests that are so destructive to our crops. But very little feed is required for them, until frost in the fall, or until the insects are all destroyed; then within a very short time they can be fitted for the Thanksgiving market, when they will sometimes reach the enormous weight of 25 lbs., owing to the age and breed. So let us hear more about the turkey, especially the Mammoth Bronze.

Rose Hill, Ill. T. H. Lambert.

NOTICE TO BREEDERS OF ROSE COMB BLACK MINORCAS.

The International Rose Comb Black Minorca Club is preparing to issue one of the best catalogues they have ever gotten out. All those who wish to become members of the club this season and to receive full benefit of same should send in their application for membership now, so that their name and address will appear in the new catalogue. Those desiring copy of same may send their address now with postage included if possible and a copy of the catalogue will be sent as soon as it is off the press.

Those who expect to compete for club specials at the coming winter shows should call the attention of their local show secretaries to the specials offered by this club. For application blanks, information, etc., address the secretary, **Lloyd C. Mishler, North Manchester, Ind.**

BIG MONEY IN POULTRY.

Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. **FRANK FOY, BOX 8, - DES MOINES, IOWA**



Ideal Aluminum



LEG BANDS for Poultry are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on. Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-75c. All

supply dealers sell them. Sample band and my price list mailed for 2c stamp.

Frank Myers, Mgr., Box 40, Freeport, Ill.

The Only Incubator Correct in Principle

One gallon of oil—one filling of lamp, is enough for a hatch. Lamp in middle; door on top. Best ventilation and most uniform heat. **X-Ray Incubators** save oil, time, work, money. We control heat—others waste it. Different and better than any other. Write for free book. **X-RAY INCUBATOR COMPANY**
1st St., Wayne, Neb.



More Eggs in the next thirty days

Feed your hens green bone, cut with a **Stearns Bone Cutter**. We will lend you one to try, free, for the next 30 days. If your hens don't lay lots more eggs, don't pay for it. Write to-day for catalog and booklet, "How to make poultry pay."

E. C. Stearns & Co., Box 5, Syracuse, N.Y.

100 EGG



Incubator with triple walls, copper tank, regulator, nursery, chick drawer, clear top, 26x21x31 high. Why not pay \$2 or \$3 more and get this good one? Price \$10; freight paid east of Rockies.

GEO. ETEL CO. 102 Kentucky St. QUINCY, ILL.

NO MONEY IN ADVANCE

\$5 The "Dandy" is the easiest operated, best built, fastest cutting green bone cutter made. Sold on 15 days' free trial with a broad guarantee. If it suits keep it, if not, send it back. Free catalog.

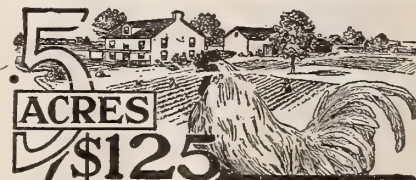


Stratton Mfg. Co., Box 17, Erie, Pa.

ANYBODY CAN HATCH CHICKENS WITH A BUCKEYE INCUBATOR \$5



Simple, self-regulating, complete—the only incubator sold on 40 day free trial with money back in case of failure. 10,000 sold last season and not one returned. 100,000 in use. Send for books telling how Buckeye owners got 51 chicks for 50 eggs, and "Making Money the Buckeye Way." Both are free to you. **Buckeye Incubator Co., 1318 Indianapolis Ave. Springfield, O.**



5 ACRES \$125

\$5 DOWN, \$5 MONTHLY

12,000,000 people within 150 miles of this land, 19 miles from Atlantic City. Good success being made in southern New Jersey raising squabs, broilers, eggs, berries, vegetables and fruits for Atlantic City, Philadelphia, New York, Baltimore and Washington markets. Two main line railroads through property. Large manufacturing town nearby. Title insured. White people only. Booklet free.

Frazier Company, 691 Bailey Bldg., Phila., Pa.

"YOU DESERTERS."

Of late there has been considerable talk in regards to the "National Columbian Wyandotte Club." It seems that every club meets a time in its existence when certain members come to the conclusion that things are not running right; that the funds have been misappropriated; that the secretary has done, or has not done, this, that or the other thing, that he should have or should not have done. In so far as we find discordant members in nearly every lodge, fraternity, society, or club, it is not at all surprising that such should be found in the "National Columbian Wyandotte Club."

It is not the purpose of this article to cause any more ill-feeling among the members of the N. C. W. C., but rather to present what the writer thinks is the right and only course for discordant members in any lodge, fraternity, society, of club to take.

Certain members of the club are not satisfied with the way the secretary has carried on his work. They think the club is not booming the breed as it should be boomed. They were angry, because certain prizes were not offered at Madison Square Garden, when there was plenty of money in the treasury to purchase same with. These and possibly some other minor kicks are the cause of these certain members raising up against their club and bending their efforts to form a new one.

Now I don't care what they have found in the club that is not satisfactory to their manner of thinking. That is not the point I wish to get at, at all. The point is this: Are these men justified in the position they are taking? Are they showing true fraternal spirit? Will the position they are taking make right that which they think is wrong? No, it will not.

You are a member of a certain lodge. In joining the same, you become a part of the body of the lodge. Everything goes along satisfactorily for a while, then of a sudden you awake and find that the secretary has not done this thing, or he should do that. The president has not performed his duties as he should have done. The funds have not been spent as they should have been spent. Are you as a member of that lodge going to draw away from it, and try to form a new one that will be run as you think it should? Wouldn't you accomplish much more if you would set to work to try and overcome what you think is wrong? Present your arguments to your brothers. They are working for the club and, if your arguments are reasonable, if what appears wrong to you, appears wrong to them, they are with you and will help rectify the wrongs. This is the position every member of any club ought to take. It is the only one that will make wrong right.

You few men who see something in the club that does not suit you, tell us what, as a brother, you want to do to overcome this. Don't say you are going to form a new club and do things right. In so doing you are telling us you are a deserter from our ranks, and as such how can you expect us to join you in another club? Our club is as good today as it was the day you joined. This officer or that member may have done wrongly and you, as a true honest member of the club, as you should be, want to see things run right. If you stick to your cause you will win, for every other honest member will be with you.

Remember that the officers are human like yourself, and are as liable to mistakes as you are. You elected them to do your bidding, and there is not one but will stand ready to abide by the wishes of the majority. They have the good of the club at heart as well as you have. They are working as hard to make the club a success as you are. They are as willing to rectify mistakes as you are.

You fellows who have gone at this thing wrong, can't you see you are wrong? You would not desert your home for a wrong, you would stick and make it right. You would not desert the Odd Fellows, the Woodmen, or what not, and form a new lodge in order to right what you see is wrong. You would have little respect for two sons who were not loyal enough to stand by each other in right or wrong. You would have little respect for a brother who deserted his brother in the club. Then why do you desert?

You fellows again. Get back where you know you will accomplish your desires. Every brother is with you for right. Every brother member and officer is with you to the end to help you make all that which is wrong right, and to put the National Columbian Wyandotte Club where it should be, the leading specialty club of the country.

Without an exception our variety is superior to any. It has all the public desires and none of the undesirable. Do

not injure by your actions a breed that is making such progress towards the front ranks as the Columbian Wyandottes.

Walter G. Fenton,

Vice-President Nat. Col. Wy. Club.

Write us for prices and full particulars ECONOMY BEEF SCRAP

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LETTERS from our SUBSCRIBERS

Editor American Poultry Journal.

Dear Sir: It will be only a few weeks now until the fall fairs and poultry shows will be in order and it is none too early to commence preparing your exhibit specimens for the show room. I know that you do not wish to be among those who will go to the show and witness the splendid specimens which will be exhibited and then be heard to say, "Oh, I have something better than that at home." Of all the things in the world around a show room that makes me tired, it is to hear that remark coming from those who should know better. If you have something good enough to show or better than is usually taken to the show room—for heaven's sake take it there or else shut up like a clam when the other fellow wins. If you think your birds are not good enough to win and your neighbor has taken something that is not nearly so good and does win—you should have a certain amount of respect for his wisdom by keeping your mouth shut—especially if you are interested in the fancy and wish to see progress along these lines. Just put a little of the Golden Rule into practice. Suppose you were somewhat in doubt whether you had a specimen that would win or not, but you mustered up courage enough to take him to the show. Would you like to hear spectators make such remarks when reviewing your exhibition? I believe not.

The show room is to a certain sense a schoolroom because it lets you see where you are strong and it also shows up your weak points. Many a man has thought he had a prize-winner until he reached the show room while others have underestimated the value of their stock. I know of an instance where a man paid a fair price for a Rhode Island Red cockerel and after receiving it he wrote the breeder a very insulting letter and took the matter up with the publishers for advertising such stock. The matter was turned over to the field representative and he was asked to investigate the matter. It was only a short time afterwards that this field man met Mr. Kicker in the show room and he had the bird there on exhibition. This bird proved to be a prize-winner and he had a chance to sell the bird at a good price right there if he wished to do so. Now had Mr. Kicker hesitated about taking his bird to the show room he would have probably remained under the impression that he had been "skinned" and there would have been a sense of injustice all along the line, but as it was, everything was cleared up to the satisfaction of all concerned. By all means take your birds to the show and if you win—do not be afraid to spend a little money advertising the fact and if you lose—do not give up. Try it again the next show. Unless your bird has been badly beaten you stand a fair show of winning the next time because every few weeks adds a

little to his symmetry and perfection providing he is of the right kind of stock.

Last winter one of the most prominent breeders in the United States exhibited at the Madison Square Garden show and lost. He took the same birds to another show in the East and exhibited right along with the same exhibitors to a large extent and beat them to it. He lost in the first instance, because his birds were weary and needed a little rest. The next trip was a shorter one and they had improved to the degree that they won the blue.

The man who can take either a winning or a loss without emotion is the man who will get to the front in the poultry business.

There is one thing that you must not forget when you are at the fairs and in the show room—that the representatives of the poultry journals are your friends. While they are there in the interests of their various publications nevertheless it is to your interest to give them a welcome, because they can do you more good than you will imagine. Treat them right—tell them what you have been doing and if you can possibly do so give them an advertising contract. It will more than pay you. Take my advice. Try it and you will see I am telling you the truth. Every representative is asked hundreds of times where certain varieties can be purchased and it lies within his power to make many sales for you even though you may never recognize the source.

When you meet your competitor have a friendly feeling for him. He is made of a good deal the same kind of stuff you are and he will appreciate the glad hand and your good fellowship. He comes to the show room with the same fears and doubts—also with the same ambition that you do and you should have a friendly feeling towards him even though he beats you to it. You know you would have beaten him had you been able to do so.

Don't think you know more about it than the judge. Possibly you do, but don't let him think you do. These judges don't know it all, but they usually know more than the average exhibitor and there is sometimes a chance to learn something at their hands.

Have some nice cards printed and any other little advertising matter that will be easily handled so you can give them out to those who may feel interested in your exhibit and you will be surprised at the amount of good you will receive as a result.

Now then let us all go to the fairs and shows this fall and take our birds along and help keep up the enthusiasm for the better class of poultry. It is the greatest business on earth today and it is growing each season.

G. C. Pennington.

Lincoln, Neb.

Editor American Poultry Journal.

Dear Sir: I always read with interest the A. P. J. and realize how hard it is for you to provide new reading matter on such a threshed-out subject as Chicken Raising, but as I have never heard of any system exactly like mine, by which I keep dogs, poultry and have a garden on a small city lot, I thought it might interest some of your readers who are situated like myself. In the first place, I am rather a busy man. Besides being book-keeper for a large wholesale house, I have an interest in a retail store, that I devote my spare moments to in the day time, and also operate a farm some few miles out in the country; therefore, I have not much time for the chickens. Our lot is 50x150 feet, on which is a seven-room cottage, stable, outhouses, a small garden wired off, 20x20 feet, in which I grow nearly enough vegetables for our own use. The yard is covered with ashes and not a blade of green is visible, and as I have three bird dogs and a horse, there is not very much room for the chickens, but from an average of fifteen hens, we raise about fifty chickens each year, and have enough fresh eggs for our own use, at a cost of about \$2 per month.

In the winter time I throw the hens their feed in the morning, and my wife gives them the same of an afternoon. Besides having a clean, warm place for them to roost in and a dry place for them in wet weather, we do not give them any attention. But in the spring time I get busy. I set two hens on a Saturday, so that they are ready to come off together on a Sunday. Both broods I put with one hen and put up in a room built for the servant over the stable. This is free from rats, cats, dogs and other vermin, always dry; the floor is sprinkled with sand; it takes us just about five minutes three times a day to feed them; snow or rain they are always protected; no bother whatever. At the expiration of three weeks I have two more hens coming off. I treat these the same. Those upstairs I then take down and put in a pen, 18x18,

a six foot wire fence all round, with leanto shed on one side, about five feet high, open in front, with floor half way up from ground, under this is the scratch pen, always dry and shady. I coop the hen up for a day or so on the floor, so as to get the chickens in the habit of going up and down the steps (we call it the drawbridge) which is lifted up every night, so that no rats can get them. Cats cannot climb a six foot wire fence, and they are safe from young puppies. I take the old hen away and they take care of themselves. From four settings of fifteen eggs each I generally hatch enough; if not, I set two more hens, so as to give me the desired number. I like to get the hatching over in one month, as it is a nuisance to have little chickens all the summer through. As I have no green stuff on the place, I gather a basket of green clover every morning, cut it up fine for them. This they enjoy, and I derive a lot of pleasure in rising early of a summer morning or early spring, and fooling with them before breakfast. I feed as suggested by other subscribers in your paper. Whenever I read of a good thing I try it and if successful adopt it. When one gets sick I have a bottle of physic handy, composed of oil turpentine, witch hazel mixed together. Take a feather and rub it up and down their throats a few times, and I believe it will cure anything that chicken flesh is heir to, except a broken leg. In three months' time my chickens weigh two pounds alive. I do not care to eat them smaller, and we then commence to weed them out. I have the Rose Comb Rhode Island Reds. If a young rooster shows a white feather, smut, or single comb, he is doomed. I do not know much about other breeds, but I never took much interest in fowls until I had these Reds. I like to watch them develop, and I think there is nothing prettier than a lot of these fowls on a fresh cut lawn. I could have sold lots of eggs, but I have not yet got my flock up to my standard of excellence, so as to feel justified in selling the eggs at a fancy price, but this spring I bought a very fine cock and only set the eggs from four of my best hens. I hope to get in a position next year to get some of my outlay back, but as we keep them as much for pleasure as profit, I suppose my good friends will be glad to get a setting or two.

I have not had a chicken die so far this season. Once in awhile one mysteriously disappears. Three years ago a few had the gapes, but since then have been very fortunate. My neighbors on each side can never raise any at all and get very few eggs. I am not at all surprised. It would be a miracle if they did. If they would spend 50 cents a year for a good poultry journal and intelligently follow out the hints and suggestions therein they would derive both pleasure and profit. It requires intelligence, industry and adaptiveness to succeed in chicken raising, as it does in any business or farming.

My dogs have a very bad reputation, so I am not molested by chicken thieves, a condition that we have to guard against in the South.

In conclusion I can only condemn in the strongest terms those people who wilfully advertise and sell eggs from inferior stock, or those who imagine they can buy a few eggs and sell the products of these eggs at fancy prices, regardless of whether the birds are well mated, or anywhere near the Standard. It pays to buy the best from breeders of repu-

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tation, otherwise you will waste a lot of time before you can take a premium at a good show. H. J. How.

Editor American Poultry Journal.

Dear Sir: If you have space, there is a subject I would like to call the attention of Illinois breeders to; namely, the Illinois State Poultry Association. What we need is united action, to take hold in Illinois and "boost" the poultry industry. It seems as though most poultry raisers have an idea that they are too "small" to join the association and leave it to the other fellow. Now what we want is to get busy and take interest in the work, and if we are only one, do our part and by so doing there is bound to be good result. Think what benefit a complete poultry course at the Illinois Agricultural College at Urbana would be to educate our young men and women who desire to make a business of poultry raising; a short course in January for us older breeders, who have yet much to learn. One crying need in my part of the state is a poultry show, and if one was to suggest it there are few who would understand what was meant, their idea being something like the county fair used to be, where about half a dozen coops of chickens were exhibited. Now down here are lots of breeders of good birds, but they need to be rounded up, gotten together, and if the association was strong enough to put competent men in the field and get them organized (the breeders), much good would surely come of it. I haven't a doubt but what there are other parts of the state as much in the dark as we, and I am in hopes at no long distant day something may be done to show the breeders here and elsewhere that they are needed to put their shoulder to the wheel and help push the Illinois poultry industry up in the front rank. My home town would be an excellent location for a poultry show; there are good accommodations for visitors and there are four railroads running through. Yet a little place like Duquoin will have very creditable shows and we lag behind. There is so much good the association could do, if we would wake up, take hold and do our part; if we, everyone, would get the idea firmly fixed in our mind that we are needed in this grand movement, what a short time until the membership would swell to 1,000. Then we would be able to get any reasonable legislation and appropriations we should ask. As it is now, the Agricultural College has all the work on hand that it has appropriations for and of course, until something can be done, the matter can not be taken up and put through. So I would again urge all breeders, large and small, to study this matter over, think of the good results a thorough organization would do—and get busy. If interested and want particulars, address O. L. McCord, secretary, Danville, Ill.

Better organization means better shows, a chance for poultry husbandry at our State University as well as poultry institutes and bigger appropriations from the state.

Now, dear fellow breeder, I mean you when I say, boost poultry in Illinois. In my way of thinking, Illinois is a great state and I believe she can do as good as any state in the union, if not a little better. I may be a little prejudiced in favor of my own state, but that is only natural. Let's try and show the rest of the fellows any way.

Centralia, Ill.

H. L. Reogsdale.

Editor American Poultry Journal.

Dear Sir: I often see an article on getting winter eggs, and as I have done fairly well I will give you my method, and if you think worthy you may use it in your Journal; if not, consign it to the waste basket.

I keep only the White Wyandotte. Twenty hens laid 2,968 eggs in six months, and were housed and fed as follows: I have a house 7x9 feet, 4 feet high in back, 6 feet 6 inches in front. Door in east end; entire front open except 12 inches at each end, this covered by 12-inch board; entire front wired in with poultry wire. I have roost along back side, with dropping board 1 foot below roost, and nests made of soap or canned-tomato boxes, with the upper half of one end cut away so the hens can enter better. These boxes rest on two boards about 1 foot from ground. In making my nests I first put a couple of handfuls of tobacco stems and leaves in bottom, then put in plenty of soft straw. This I change about every two months, and paint the inside of the box with liquid louse killer. I also paint roost once a month with same. When I set a hen I dust her three times before the hatch comes off, and I have very little trouble with lice. I also use slacked lime on droppings.

I feed in the morning a mixture of the following chops: Wheat, Kaffir corn, sunflower seed and oats, this fed in 6 inches of clean straw. At night I feed the same with wheat bran added, and all well mixed with clabber or buttermilk, this fed on boards. I keep grit, oyster shells and charcoal and

fresh water before them all the time. I feed the same food to all my young stock after they are three weeks old, and I never saw them grow off and do better. I keep an extra cockerel on hand in a pen to himself, and when a hen gets broody I place her with him and she soon begins to lay again. I think anyone can increase their egg yield by feeding the above. My chickens have plenty of green feed, as they have large, grassy runs.

Paragould, Ark.

A. W. Fligor.

Editor American Poultry Journal.

Dear Sir: There is pleasure as well as profit in having a small flock of fowls, especially in the suburbs of cities and towns, as the women and children take much interest in them. Even on the farm the fowls can be well managed by the women and children, if the flocks are not too large, and women are more successful as managers than men. It is excellent for them, keeping them out of doors more or less, thereby greatly benefiting their health. It is good exercise for the children to have something to have the care of on the farm. They are generally interested in chickens, and like to take care of them. By allowing the children a share in the profits, an additional interest would be excited in the work, and the training they thereby receive would be beneficial in after life. The pleasure derived is not to be overlooked, as happiness is what is sought by all, but it is well, in poultry keeping, to aim to combine pleasure with profit.

Southboro, Mass.

Mrs. L. H. Graves.

ALICE IN WONDERLAND AT THE STATE FAIR.

The Illinois State Fair has done itself proud this year in the number and character of attractions. In addition to Wright brothers' aeroplane and Barney Oldfield's racing automobilists, the speed program embraces cash prizes of \$18,000 and will excel all previous years in point of entries. The improvements on the buildings and grounds have been vast and costly. Every inch of ground is filled inside and outside Machinery Hall. The horses, cattle, swine, sheep and poultry exhibits are filled to their capacity. An exhibit of old-time farming implements and utensils will be a novelty worth witnessing.

Reduced rates will be made by the Chicago & Alton. This line has also promised adequate special train service to and from Springfield all during Fair week. Fully 25 per cent increase in attendance over last year is expected. The Chicago & Alton and the State Fair have become so closely associated that they are already called "The Only Way" and "The Only Fair."

POULTRY DEPARTMENT UNIVERSITY OF MAINE.

The college of agriculture of the University of Maine, Orono, Me., offers through its poultry department the following courses in poultry husbandry: First—The poultry work in the regular four years' course leading to the B. S. degree in agriculture. Second—The poultry work in the two years' school course. Third—The three months' course. Fourth—The three weeks' short course. Fifth—The poultry institute. This department is doing grand work and should be encouraged. Send for full particulars.

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Whitecrest Strain. For the 34 time our birds won the silver cup for best display at the Cleveland show; 1908-9-10. Eggs \$2, \$3, \$5 per 15. Circular free. H. C. & C. W. SIXT, Box 42, West Park, Ohio.

32 VARIETIES

of thoroughbred poultry that have the quality to win. I have most any variety you want. Write your wants. W. S. Knox, 1906 South Avenue, Youngstown, Ohio

S. C. W. LEGHORNS

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Wertzberger Bros., Care Merchants Hotel, Altoona, Penna.

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COLUMBIAN WYANDOTTES

Last year's breeders at \$2 and \$3 each; males \$3 and \$5. Indianapolis winners, 1910.

B. N. Stephenson - Expert Judge - Salem, Indiana

GOLDEN WYANDOTTES.

CONSIDERABLE more interest is being taken in this variety of the Wyandotte family than at any previous time. At a number of our largest shows during the last season they were very much in evidence and the rapid strides they are making is something worthy of notation.

The classes at these shows were much larger and more attractive than at any time and the enthusiasm displayed in this variety was something more than usual. At the Chicago show last winter the class was a grand one and in all probability the best showing ever made by the breeders of Golden Wyandottes in this country.

It was quite common to hear such expressions as these among the patrons and breeders of this great show: "Have you seen the Golden?" "The Golden Wyandotte boys are surely doing something." "Never saw such a class of Golden." There is no question in the mind of the breeder who has ever given them an opportunity to prove their

worth of their excellent merits as a persistent layer, a quick grower and a superb table fowl.

As a breeder of Golden Wyandottes for years I can safely say without overreaching the mark in any way that these Wyandottes are naturally persistent layers. I do not believe and I speak from my own experience largely that in comparison with other varieties and breeds that they are unexcelled as layers and quality of their eggs by any other variety.

I am financially interested in Golden and such a statement may seem somewhat strenuous and made from a pecuniary standpoint but not so, but I do wish to give this excellent fowl its just due. I am sure, however, that they have not had the chance for reputation and advancement that other varieties have enjoyed and what they deserve.

What reputation and popularity they have attained is solely due to their merit, they have made it themselves—and not their breeders.

Very little is ever seen in the poultry press and but little information is given

out by the breeders themselves, and I would therefore like to say a few words in regard to the breeding of Golden Wyandottes which may be of interest and value to the many new breeders who have lately taken up the Golden and those who will join the rank this coming season.

In the first place let us take up shape, this we consider especially important with reference to Golden, as it is with all other breeds, as shape determines the breed and color the variety. In beautifully laced fowls, such as we have in the Golden, we are too apt to neglect this all important matter, having our minds on the perfect lacing and other details all of which are required, but shape should have our first consideration.

We must get away from the long backs, long necks and long legs. I believe in using males of undersize rather than the larger and more growthy specimens to accomplish this, though they may not be so perfect in lacing, the smaller males being usually more shapely. There will be no trouble as to size as we have plenty to go on in Golden.

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HENS relish juicy bugs and worms because these supply the protein feed they require to make eggs. The craving for meat and bone food—protein feed—is simply nature working out the egg-laying proclivity. Hens must have food rich in protein or egg-making elements, or it will be impossible for them to lay.

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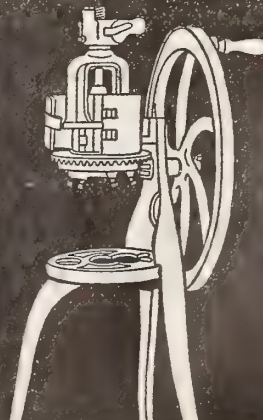
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F. R. Green, One of the oldest breeders of Barred Rocks in the West; at it over 21 years; Lake City, Ia.

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The females, however, should be Standard size, or near it.

Now a word as to color: We find different ideas as to color with both breeders and judges. The lighter male bird with hackles approaching a straw color and the darker richer specimens and deeper colors making the main difference of opinion as to color.

As a rule our experience leads us to favor the darker birds. I like the deep rich centers approaching the shade of mahogany with a lacing of greenish black which apparently stands up as an embossing around the center.

This to us is wonderful beauty and should be encouraged by every breeder of Golden. Birds of lighter hackles may be used for special mating for some specific purpose, but not as a rule.

The idea that females should be made lighter in order to hold clear centers through the moult is not my route in making and breeding Golden Wyandottes.

I would urge the beginners to study their birds closely and not be led, or influenced too far by any one, or two special points to the disregard of others, but take them as a whole and consider of first importance shape and a well balanced specimen.

We have great confidence in the future of Golden Wyandottes—having noticed their steady and substantial growth for the last eight years, and to beginners, we would further advise the careful selection of stock as a foundation for a good flock and one that will breed right.

The mixing up of different blood lines by buying stock here and there should be carefully avoided. The resulting stock has little power for reproducing themselves. The cross breeding of different strains destroys the powers of prepotancy and produces stock of widely different and various characteristics.

The National Golden Wyandotte Club is a live wire, but we need more wide-awake members who have the energy to help push a good thing.

J. H. McDanell.

Warsaw, Ky.

A NEW ORPINGTON CLUB.

A copy of a letter from the National Rose Comb Orpington Club has just reached us, setting forth the advantages and possibilities of their birds. We understand their list is growing very rapidly, and it will probably be of advantage to all breeders of Rose Comb Orpingtons to write to their secretary, Mr. A. R. Pollock, of Piqua, Ohio, for full information and advantages of the club.

Editor American Poultry Journal.

Dear Sirs: While reading your Bantam talk in the August A. P. J., I notice you boom Prideaux and Penn, of Delavan, what wonderful birds they have and what they have won and that Prideaux has best in Partridge Cochins Bantams. Please do not make an assertion like this until these breeders come to New York Madison Square Garden and sweep the deck as you say.

Yours respectfully,

A Bantam Fancier.

The above communication was received from New York City, but owing to the fact that the writer forgot to sign his name to it we do not know who the author is.—Ed.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question.—Will you kindly tell me in your next issue what I should do to get eggs from my chickens? I am a beginner and have 160 hens and for the past two months have not got one dozen eggs.

Comanche, Mont.

P. P.

Answer.—No one can expect to get eggs out of hens unless they put something into the hens to produce the eggs. Any flock of hens can be made to lay if properly fed and cared for, and there must be something radically wrong with your system of feeding. The poultry journals are full each month with instructions on the various methods employed by different breeders, and if you will adopt some one of these methods and stick to it you will get results, but we cannot give you in this department detailed information on this subject.

Question.—I have a fine Black Minorca rooster a year old and he has a corn on each one of his middle toes. What would you advise me to do?

G. L. F. C.

Answer.—Pare off the thickened epidermis, without causing bleeding; and apply boric acid ointment or paint the parts with tincture of iodine.

Question.—I have a cock which has been fighting with another cock through a poultry wire fence and now his legs are almost twice the size they should be. What can I do to get the legs to the natural size?

H. B. D. M.

Answer.—Soak the legs in hot water, to which has been added a little Pond's Extract. Do this twice a day until the inflammation is reduced. The water should be just as hot as the hand can stand it.

Question.—Do you think a brooder house profitable or the small lamp brooder, like the Prairie State, or do you think the Philo cold brooders placed in small colony coops 3x6 and in two departments, one with floor and other on ground?

H. F. H.

Egypt, Pa.

Answer.—All three systems mentioned have been operated successfully, and we are not in a position to state which is the best, as the success of either depends to greater or less extent on the one who is taking care of them.

Question.—I have in one pen three month's old Buff Wyandotte, Buff Plymouth Rock, and Buff Orpington chicks. Will you please give the difference between the three kinds so that I can place them in separate pens?

Delavan, Ill.

X. Y. Z.

Answer.—The Buff Wyandotte chicks have a rose comb. The Buff Plymouth Rocks have yellow legs and the Buff Orpingtons have white or pinkish white legs.

Question.—Had a White Wyandotte

that seemed healthy, had red comb, but when killed had two large lumps of eggs, like hard boiled eggs, the size of large goose eggs, each in a bag, one on each side, and the small eggs had commenced to decay, and like white worms were in her gizzard.

Mrs. H. E. D.

Beaver Falls, Pa.

Answer.—This is caused by inflammation in the oviduct, which absorbs the albumen and prevents the formation of calcareous matter. Treatment in cases of this character is very difficult, as the condition is not observed until it is too late. Worms may be removed by giving a few drops of spirits of turpentine. See our poultry doctor book for full information about this and all other diseases of poultry.

Question.—(1) Can the same amount of hens be kept in the same size house winter and summer, figuring a house 16x32? If not kindly state the amount that can be kept and at what season. (2) Where a man wants to utilize all his ground for raising chickens would it be any saving to him by buying all his feed or devote half to chickens and half to raising the feed? (3) Do you approve of the continuous laying house system, and say 16x100 for dividing same in five pens and then giving each a yard divided from the other by wire, each yard 16x150 feet, or to allow them all to run together without the yards?

G. F.

Brooklyn, N. Y.

Answer.—(1) Yes. (2) Mr. Kellerstrass, who is one of the most successful poultrymen in the country, says that he finds he can buy his feed much cheaper than he can raise it. We believe this is so in the majority of cases. (3) This depends on whether it is an egg plant or a plant to produce exhibition and breeding birds. If the latter it must be

"Ringlet" Bargain Sale

of Yearling Birds is Now in Full Swing

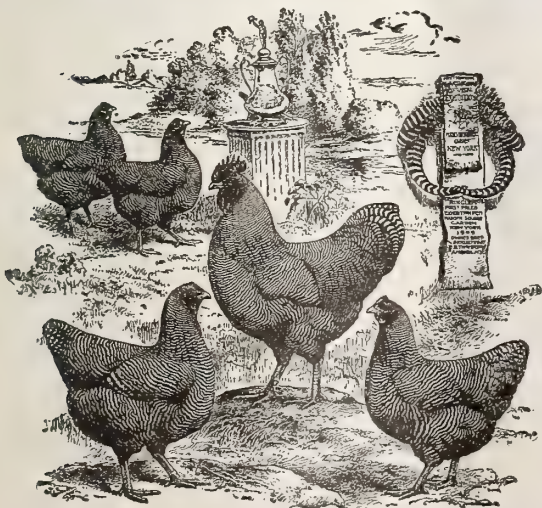
All desiring to benefit by the matchless bargains in my "Ringlet" Barred Rocks should write for my Special Sale List at once and make selections.

You will find in this Sale List just what you want, from fine breeders in single birds, trios and pens to New York winners and top notch show birds at cut down bargain prices and in lots to suit. This is your opportunity and I urge your quick acceptance.

In this year's cockerels and pullets I have the finest I ever owned in all my thirty years' experience as a Barred Rock breeder; they show that elegant blue color, and bright, snappy, narrow "Ringlet" barring that has made my Barred Rocks the leading Silver Cup and Trophy winners at Madison Square Garden, New York, since 1887—nearly a quarter of a century. These cockerels and pullets will be the winners this fall and winter for the leading shows of America. Orders booked now for delivery when wanted.

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Providing his price exceeds \$2.50 each, taking the whole lot, including all my prize winners at Youngstown, Ohio, and other shows. Every winning bird that I have owned during the past two years are in my yards and included in this sale. Absolutely nothing reserved. All my cuts, cups, ribbons and good will to go with this sale. I have over \$150 worth of silver cups and other prizes. I have spent a large amount of money to put my birds where they are today and only necessity could persuade me to let them go.

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and practically at your own price. Write at once if you want to get into the breeding of White Wyandottes with very little expense. This stock is good enough right now to go in and win the blue ribbons for you. Write at once for full particulars.

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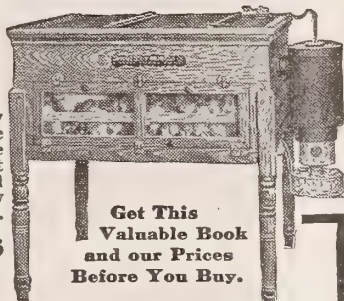
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divided. If the former, they may be kept in large flocks with good results, providing they have plenty of free range.

Question.—I have lost some of my goslings and if you can give me any advice it would be greatly appreciated. They have plenty of pasture and I feed same cracked corn. After they were good size they had access to swimming water, but after I lost the first one I did not allow them water to swim in but had plenty to drink. They grew fine until they were nearly feathered, their legs seemed to get stiff and they would sit around for a while, then get up again, but finally die.

Sidney, Ohio.

C. J.

Answer.—This is evidently a form of rheumatism. Keep them in a dry place and give a tablespoonful of common baking soda to each quart of drinking water. Stop feeding cracked corn and feed more green food.

Question.—Can you tell me what is the trouble with one of my Barred Rock chickens? He shakes all over and is very unsteady on his legs; he eats well and seems all right in every other respect. I feed cracked corn, mixed feed and beef scraps.

G. E. E.

Concord, N. H.

Answer.—This is a nervous trouble; but unless we knew the cause could not give remedy. Conditions of this kind are sometimes brought about by breeding from unhealthy stock. Would suggest that the bird be placed in a coop by himself and given special attention in the way of feed and care.

Question.—Why is it that some of my chicks' first wing feathers grow up and when they put on their winter coat they lay flat like the rest? I have marked these very ones and they have proved to be tip-top birds at show time.

Utica, N. Y.

A. C. P.

Answer.—We are unable to state what causes this. Most breeders have the same trouble.

Question.—Would you please tell me how to feed my W. Orpington chickens? They are being fed cracked corn twice a day. Have free range and plenty of fresh water. They seem to grow but are very poor. There don't seem to be any flesh on their bones to speak of.

So. Hammond, N. Y.

R. S.

Answer.—You are feeding too much cracked corn. Feed more ground oats, bran and cornmeal, to which add a little beef scraps and clover or alfalfa meal, moistened with sweet milk. Give plenty of milk to drink. Milk will soon make them fill out and look plump.

Question.—What is the trouble, cause and cure (if any) of my little chicks? They seem to do all right until about two weeks old. Then their wings droop and they stand around with their eyes shut; seem to be poor and weak, fall over on their sides and have not got strength to get up—just die. They are not lousy, were hatched under hens, but am raising them by hand. I fed them for a week or so bread crumbs and a little chick feed with plenty of grit, then give them cracked corn.

E. D. C.

Morenci, Mich.

Answer.—In the first place little chicks should not be fed cracked corn until they are four to six weeks old. In the second place your chicks are lousy. They simply cannot help but be when they are hatched by hens. They have head lice without a doubt. Use lard to which has

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GREELEY & McINTIRE

PATENT ATTORNEYS
WASHINGTON, D. C.

been added a few drops of kerosene oil. Rub this mixture on the top of their heads. Several treatments is sometimes necessary.

Question.—Would appreciate a suggestion through your journal as to a way to prevent "pip."

F. B. H.

Vicksburg, Miss.

Answer.—Pip is caused in most cases by micro-organisms of feeble virulence, which are able to make some headway when the digestive organs are deranged. Therefore if the fowls are fed and cared for properly this disease will be unknown. When fowls have this disease no hard grains should be fed, as this will cause irritation and aggravate the trouble. Dissolve fifteen grains of boric acid in an ounce of water and use freely on the tongue and mouth of the bird. This disease is sometimes caused by slight colds, which stop up the nostrils and compels the fowl to breathe through the mouth, which causes a drying and irritation of the membrane. If this is the cause the cold should be treated first. Our Poultry Doctor book gives full information about this and all other diseases of poultry.

Question.—(1) How large ought a pen to be to accommodate fifty fowls? (2) Which chicken lays the best, the Minorca or the W. L. Rock? (3) How long does a hen generally lay? (4) What is the difference between a W. P. Rock and a W. Wyandotte? (5) Where can I get a catalogue on W. P. Rocks?

H. H.

Van Buren, Ark.

Answer.—(1) A house 12x24 will accommodate fifty fowls. (2) Minorcas. (3) A hen should lay nine months of the year. (4) See American Standard of Perfection for description of the two varieties. (5) From any of our advertisers who breed this variety.

Question.—(1) I have four White Plymouth Rock hens which I purchased April 19, 1910, and which lay from two to four eggs a day (average) and have not failed to lay an egg on but one day since I bought them. Do you think this is a good record? (2) I have some fowls which shake their heads a great deal. Is this a disease? If so, what will cure it? (3) Are White Plymouth Rocks as healthy as any fowl? (4) Which do you think are best, White Plymouth Rocks or White Orpingtons?

L. H.

Van Buren, Ark.

Answer.—(1) Yes. (2) This is only a habit that some fowls get into, or they are troubled with lice. (3) Yes. (4) We do not answer questions of this kind.

Question.—(1) We have some chickens hatched about April 15, also some Rhode Island Reds hatched the last week in June. About when had they ought to lay? (2) What is the proper food for chicks six (6) weeks old? (3) How many chickens can be kept in a coop 8x8 feet?

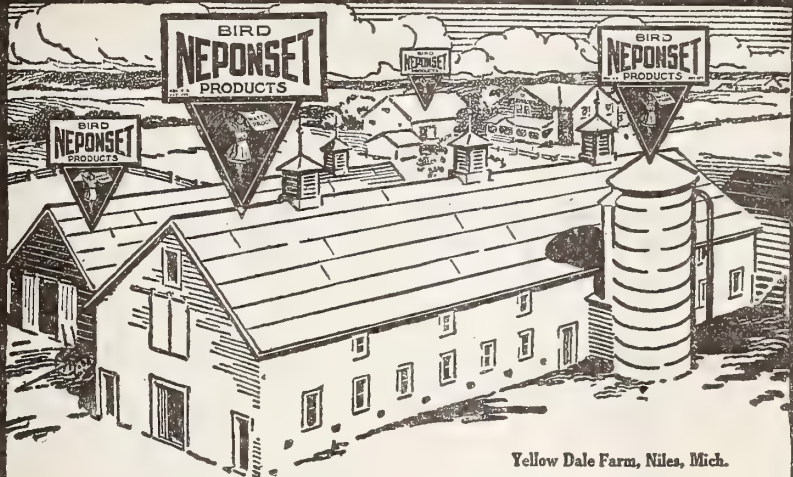
H. C.

Passaic, N. J.

Answer.—(1) Those hatched in April should begin to lay by October. Those hatched in June about December 1. (2) Any of the standard feeds now on the market, or a mixture of cracked corn, wheat and oats, together with plenty of green food and fresh water, or they may be fed dry or wet mash, consisting of bran, ground oats, alfalfa, meal and beef scraps. (3) Ten.

Question.—(1) Is Florida a suitable state for poultry raising, especially about

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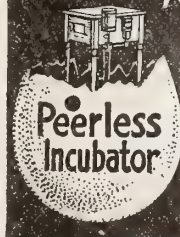
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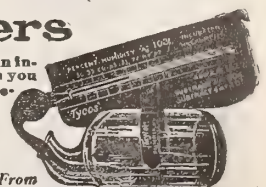
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are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States. **W. P. SMALLEY, SHAWNEE, OKLA.** Sec'y Oklahoma Branch American Poultry Ass'n

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the middle of the state along the Gulf of Mexico? (2) Is the climate too hot or too moist? (3) What breeds do best there? (4) Would White Orpingtons do well? (5) Could eggs and live or dressed poultry be shipped from there to northern markets or would transportation be too high? (6) Can ducks be raised in Florida? **H. H. C.**

Williamsport, Pa.

Answer.—(1) Yes. Poultry can be raised successfully in any state in the Union. (2) No. (3) The lighter varieties, such as Leghorns, Hamburgs, etc. (4) We know of no reason why they would not. (5) Eggs could be shipped with a profit, but doubt very much if live or dressed poultry could be. (6) Not with much profit to the raiser.

Question.—(1) Will you kindly tell me what is the matter with my chicks, also the cure? I had a White R. C. Leghorn cockerel three months old, was apparently well at night, next morning he was standing with his head straight out in front and acting like he was pecking at something; his eyes were blinking very fast; he couldn't eat; his comb was nearly black. I bled the comb and he seemed to get better, but finally died in the afternoon. His comb was very large, measuring $2\frac{3}{4}$ by $1\frac{1}{2}$ inches. Had that anything to do with him dying? (2) I had a chicken, Brown and White Leghorn mixed, about eight weeks old; its head was turned to the right, one eye looking straight up; would eat hearty but run backwards, and if it fell down had to be helped up. We killed it. I had a hen last fall the same way. We killed her. The chickens have run of the farm. We don't feed them nothing but corn and oats, except the cockerel. He was on another farm, where he run in a wheat and rye field.

Marengo, Ind.

Mrs. L. E. J.

Answer.—(1) This was evidently caused by too much blood and lack of sufficient exercise. (2) This is caused by a contraction of the muscles of the neck, and in our opinion is a form of rheumatism. We have cured fowls in this condition by giving them common baking soda in the drinking water, a tablespoonful to each quart of water.

Question.—What can be done or what should be done with a dealer who ships mixed-bred baby chicks for guaranteed pure-bred S. C. B. Leghorns? I ordered 25 pure-bred S. C. B. Leghorns and since they are feathered there is not one that is not half white, and this dealer advertises in your journal. S. C. Brown Leghorn specialist, 27 years experience.

Larryville, Pa.

H. P. S.

Answer.—Cases of this kind should be reported to publishers of poultry papers, and they should investigate the matter and if the breeder is found guilty of practicing fraud he should be exposed and refused admission to the advertising columns of the poultry press.

Question.—(1) Wish you would say in your next issue what you consider the best forage crop for poultry in this locality on high rather light sandy soil? Is sweet clover ever used for this purpose? It thrives here profusely as a noxious wild weed. (2) What would cause month-old chickens to puff up just under the skin, making them twice their natural size on one side? **A. W.**

Saginaw, Mich.

Answer.—(1) Rye, oats and rape are all excellent and will grow in your locality. We do not consider sweet clover

1000 BUFFS THAT ARE GOLDEN

Orpingtons, Rocks, Wyandottes, Leghorns and Cochins, 5,000 prizes. Prize breeders and show birds at half price. Sale circular free. 100-page poultry book, 4c stamp. The Buff Poultry & Bee Farm, Austin, Minn.

Columbian Wyandottes

Bred for BEST RESULTS. Prizes at leading shows. Circular free. Stock for sale.

H. H. Hewitt, Williamsburg, Penna.

**The "Signet" Leg Band**

Price, postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. THE LITTLE GEM fountain pen is BEST article, to place in your exhibition coop. Price postpaid, 20c. **W. J. Ball, Salem, O.**

REDS

S. C.—Red Raven strain. The best laying strain on earth. A few hens for sale. 500 young birds coming on. Write for prices. **H. F. Kennerk, R. 7, Ft. Wayne, Ind.**

S. C. BROWN LEGHORNS

First Prize winners at all the leading shows, including Chicago and Cleveland this year. Write for circular.

Frank Schellang, Rte. No. 2, Erie, Penna.

INCREASE YOUR EGG REVENUE

A well known chemist, after several years of research, has discovered a wonderful solution for preserving eggs. It's not a shellac, but a vegetable and mineral compound, which keeps the eggs as fresh as the day they are laid. It is non-poisonous. Write us and we will tell you more about it. It will help you to increase your income. **Save your eggs for a higher market.** Write us now—this is your opportunity.

Egg Preservine Co., 40 Dearborn St., Chicago, Ill.

SINGLE COMB BUFF ORPINGTONS

A few of my breeders still for sale at reasonable prices, including prize winners. Am booking orders now for young stock, over 300 fine specimens of select from.

ROSELAND POULTRY FARM

Chas. W. Switzer, Owner and Manager, South Euclid, Ohio

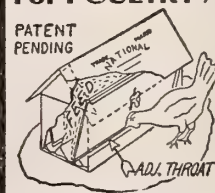
**WHITE WYANDOTTES**

Eggs one-half price. High-class breeders at bargain prices. Send for circular.

J. W. ANDREWS, DIGHTON, MASS.

FEEDER

For POULTRY AND PIGEONS



Galvanized steel. Easily adjusted. No. 1, capacity $\frac{1}{2}$ bushel \$3; No. 2, capacity 1 bushel \$4. Satisfaction guaranteed or money refunded.

National Adjustable Poultry Feeder Co., P. O. Box A-83, Cincinnati, Ohio. : :

PANGALOW FARM QUALITY WHITE WYANDOTTES

A few choice cock birds for sale. Several hundred fine, pure white, line bred cockerels and pullets, from a long line of winners maturing for the fall and winter shows and our customers.

R. F. D. 12, Indianapolis, Indiana

of much value. Alfalfa is better. (2) These are what is known as wind tumors. We do not know the cause. With a pair of sharp scissors cut out a small diamond-shape piece of the skin to let the wind escape, after which apply a little carbolic ointment to the cut.

Question.—Please let me know through your paper whether Rhode Island Whites are recognized as standard by the poultry associations. J. M.

St. Louis, Mo.

Answer.—They are not.

Question.—I have four S. C. White Leghorns hatched about July or early August last year, I am not quite sure, as I bought them. One commenced laying in December, another in January and the other two in February. One has layed right along. They have layed for the four months from March to June, inclusive, 317 eggs. Is that good, bad or indifferent? One of my chickens lays a larger and a whiter egg than the others and is a better looking bird. Altogether counting the five months, February to June inclusive, she has layed 98 eggs. Will you kindly say in your question and answer column if she is a good bird to breed from? H. S.

Ishpeming, Mich.

Answer.—This is a remarkably good record for four months, being an average of a little less than three eggs per day from the four hens. The hen that layed 98 eggs in five months is no doubt a good hen, but we cannot say as to her breeding qualities.

Question.—(1) Is 20 ounces counted good weight for a seven week's old Barred Rock? (2) What do you think of Barred Rock pullets laying at the age of four months and 10 days? That is my record this season. J. E. G.

Knoxville, Tenn.

Answer.—(1) Very fair. (2) This is not uncommon at the present time. It goes to show, however, that the stock has had proper care and is very vigorous and thrifty.

Question.—(1) Is stale bread crumbs good for chickens old or young? (2) I put 60 eggs in the incubator and after testing found that 20 were not fertile. Have five hens to one cock and all the eggs were gotten from four pens of one cock and five hens to a pen. Is not that too many infertile eggs under those conditions? (3) Is corn bread good for them? Mrs. B. J. S.

Jackson, Miss.

Answer.—(1) Yes. (2) Practically all eggs should be fertile under these conditions; but your hens may be too fat. (3) Yes, if not fed in too great a quantity.

Question.—Through your question and answer department will you kindly enlighten me on the best way of killing chickens for table use. I have used the hatchet method because it is the easiest, but do not like it. Would be pleased to have you tell me how to use the killing knife. K. A. B.

Detroit, Mich.

Answer.—Suspend the fowl by the legs, take the knife, which must be sharp, in the right hand; grasp the head of the fowl with the left hand, the comb of the fowl resting in the palm of the hand, and with thumb and index finger open the mouth of the fowl; insert the knife into the roof of the mouth, well back towards the opening of the nostrils. Withdraw the knife and allow the fowl to

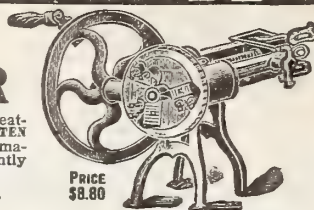
How to Get More Eggs

You can get more eggs than you ever thought possible from your hens by feeding them cut bone. It keeps them laying regularly, in season and out. The

STANDARD BONE CUTTER

is the only machine that cuts bone across the grain, securing greatest food value. Cuts green bone, dry bone, meat or gristle. TEN DAYS FREE TRIAL TO PROVE SUPERIORITY. Cut shows No. 9 machine, price \$8.80. Many improvements have been made recently in this cutter. Write for free catalogue and free trial plan.

STANDARD BONE CUTTER COMPANY, Milford, Mass.



PRICE
\$8.80

S. C. WHITE ORPINGTONS

BLUE RIBBON WINNERS IN EVERY CONTEST

300 head of young stock now being put into condition for the winter shows. Nothing better anywhere. Book your order now if you want something choice in this variety. I have the goods, and guarantee satisfaction or no sale. : : : : : : : :

F. D. SUTTON, 68 ST. LOUIS AV., YOUNGSTOWN, OHIO

THE BOY HAD TO.. CATCH THE RABBIT

as the story goes, or the minister would not have had his Sunday dinner. So you must have the "classy" show bird or you won't get that blue ribbon. It's as sure "as a gun" that this season is going to be a hot one in our class, and if you don't have

White Wyandottes

that are Wyandottes from tip to toe you won't win. It's also sure "as a gun" that I can send you the finest in show males, females or pens that Duston ever trotted out. If you want to win and make a sure thing of it, write me your wants. Breeders of all qualities, write me your wants. Remember, I have been a specialist since before '96. The breeder that has made possible the world's best flocks.

ARTHUR G. DUSTON, BOX 1020, SO. FRAMINGHAM, MASS.

Memphis, Tennessee

September 27--October 4, 1910

SECOND ANNUAL SHOW

Tri-State Poultry Association At Great Tri-State Fair

Biggest and Best \$3,000 Cash Prizes Ribbons by :
Show in the South Specialty Clubs

Entries Close September 20

Judges:—Theo. Hewes, A. F. Kummer and F. J. Marshall

YOU WILL GET WHAT YOU WIN

Send for Premium List and Entry Blanks to BEN E. BERRY, Sup't Tri State Fair Grounds, Memphis, Tennessee

Hanlon's Buff Leghorns @ Black Orpingtons

Produces the winners. A few extra choice Black Orpington cockerels for sale. Eggs, best pens, \$5 per 13; \$9 per 26. Philip Hanlon, Jr., Watertown, New York

S. C. W. Orpingtons

Winners New York. 1909; Cleveland, 1910. Send for mating list. Eggs half price after June 1.

Harold L. Purvis, Box 31, Butler, Penna.

EGGS

Our Mammoth Pekin Duck eggs, \$3, \$2.50 and \$1.50 per 11, or \$3 per 100. Orpingtons at \$3 per setting. Can fill your orders for day-old S. C. W. Leghorn chicks at \$12.50 per 100 in any size lots. C. O. HERRON, Hope, Indiana

REDUCTION

Barred Ply. Rock stock and eggs at less than half price after June 1st. Eggs from best pen, that contains all winning stock, only \$3 per 15.

S. N. Buss, Box 73, Panola, Illinois

The Original Barred Cuckoo Wyandottes

Eggs \$5 per 13. Ringlet Barred Rock eggs \$2.50 per 13; \$5 per 30.

E. L. Geisel, Prop., Originator, Morganville, New Jersey

KING BROS.

Largest breeders in the northwest of the world renowned "Ringlet" strain Barred P. Rocks. Our prices are right and we positively guarantee satisfaction.

King Bros. - Oshkosh, Wisconsin

WHITE WYANDOTTES—RUBY'S Strain. Unexcelled in size, beauty and vigor. Choice birds for sale at \$3 and up. Eggs in season, \$3 per setting. Satisfaction guaranteed in every case. Write for what you want.

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PEKIN DUCKS

Rankin and Japanese stock direct. Choice old breeders at half price if taken soon. Toulouse Geese, state fair winners. Young stock, all ages, for sale. Satisfaction guaranteed.

C. L. McFerren, Belleville, Ohio

WHITE ROCKS

I breed exhibition quality and my birds win

J. H. TROBAUGH DELPHI, INDIANA

Rose Comb R. I. Reds

Eggs at reduced prices for June and July. After June 1st we will sell a limited number of breeders at bargain prices. Send for our free mating list. Have you seen the "Origin and History" of R. I. Reds, also how to mate, breed and judge them? This can be had for 20c by writing



G. L. Buschmann, 4939 N. Meridian St., Indianapolis, Ind.



**DESIGNERS
ENGRAVERS
ELECTROTYPERS**

SPECIAL OFFER

Send us the photograph and \$1.25 with your instructions, and we will mail you one of our excellent Half-tones of the same, the size not to exceed 10 square inches. Write for estimates on Engravings for catalogues, booklets, etc. All work guaranteed.

THE LITHOTYPE COMPANY
ELGIN, ILL.

bleed to death, which will be only a short time. This is the method employed by all first-class market poultrymen.

Question.—(1) Do you think that hemp seed will be a good food for laying hens? (2) Is the vetch the same as cow-peas? (3) Which is the best exercise for laying hens, the scratching shed or the automatic exercise feeder? (4) Have some hens not willing to eat the beef scrap when given at roosting time; eat with very great relish by the cockerels. What ought to be done to make the hens eat the beef scrap? (5) Is the line-cloth for windows better than the muslin curtains? (6) Which are the best feeds for laying hens? (7) How many grains an ounce contains? (8) Which is the best feed for broilers to mature early? (9) Which are the best as broilers, Orpingtons, Plymouth Rocks or Wyandottes? (10) How many grains of Epsom Salts should he give occasionally to the laying hens in order to keep them healthy? A. J. X.

Lisbon, Portugal.

Answer.—(1) No. (2) Very similar. (3) They are both good, but we prefer the automatic feeder, which scatters the feed in the litter. (4) Keep the beef scraps before them at all times. They will soon learn to eat what they desire. (5) We prefer the muslin. (6) Wheat and oats in equal proportions, together with plenty of green food. (7) We never counted them. (8) A mash consisting of bran, cornmeal and ground oats, moistened with sweet milk, just so it is in a crumbly state. (9) They are all good and we are not inviting trouble by saying which is the best, as we might be mistaken. (10) 20 to 30 grains.

Question.—(1) What is the best way to break a broody hen? (2) After a hen has been broody how long will it be before she will lay again? (3) How often are hens broody? (4) How long should little chicks be kept with the mother hen? (5) When will a hen begin to lay after having her chicks taken from her? (6) How old are ducks (Pekin) when they begin to lay? (7) How should ducks be housed? (8) What is the best food for ducks? (9) I have had two double-yolked eggs this week, what causes it? (10) Have found four eggs (one soft-shelled) on the dripping-board within a week. All birds seem well. What is the trouble? (11) I have had 271 eggs from eight R. I. Reds in two months. Is this above the average? Mrs. J. C. C.

Brooklyn, N. Y.

Answer.—(1) By confining in a small coop without litter of any kind. (2) From ten days to two weeks. (3) This varies. Some hens will become broody only once in a season, others two or three times. (4) Until they are well feathered out. (5) We cannot tell. (6) About nine months. (7) They should be housed in a moderately warm house and in the winter should be supplied with plenty of litter to prevent freezing of the feet. (8) They may be fed a variety of food, such as cracked corn, wheat, chopped feed, cooked vegetables, etc. (9) This is caused by inflammation in the oviduct, and can be remedied by feeding plenty of green food. (10) The same as question 9. (11) This is a good average and above the ordinary.

SPECIAL SALE

Send for free literature

IMPORTED ORPINGTON YDS.

Joe Coleman, Manager : : Lexington, Ohio

R. C. REDS

Young stock now ready. Bred direct from "Gold Medal winners," and has rich RED color, and good type. We can please you. Write for prices. Wauhara Cottage, 5731 Rosalie Ct., Chicago, Illinois.

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free.

Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

Montgomery Ward & Co.

Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

75c Secures a copy of "Why Poultry Pays and How to Make It Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

PRIZE Reliable Incubators have won 648 prizes for performance and general quality in the last 18 years. We build the complete incubators in our own factory. Get the benefit of our 28 years' experience. Interesting incubator catalogue sent free. Write today. RELIABLE INCUBATOR & BROODER CO. : : Box 61, QUINCY, ILL. WINNER

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Increase your crops. Get a Planet Jr. Farm or Garden Implement. 1910 cata. free. Write today. S. L. Allen & Co., Box 11077, Philadelphia, Pennsylvania

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Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 30c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 54c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 2011 Case Street, Davenport, Iowa

Cut Out Those Drones

THE WORLD'S BEST TRAP NEST

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

BUFF ROCKS

from Robison's yards will put you next. 20 yearling hens at \$2 each if taken before Sept. 15. Must have the room for young stock—the best I ever raised. Please mention this paper.

W. S. Robison, R. 1, Fayette, Mo.
Secretary-Treasurer, Southwest Branch A. P. A.

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants. : : :

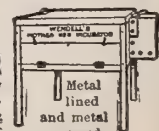
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INCUBATOR & BROODER

We are not trying to see how cheap we can make a machine. If you want a cheap machine, don't bother us, we are busy. If you want a good one send for our Book No. Z. We allow 30, 60 or 90 day's trial to prove it yourself.

AUTOMATIC HATCHING CO., Holly, Mich.



"BIRDS of QUALITY" LAPHAM'S BUFF PLYMOUTH ROCKS.

"CATALOGUE FREE"

S. D. LAPHAM, DEARBORN, MICHIGAN

THE WRIGHT BROTHERS' AEROPLANES AT SPRINGFIELD.

The Illinois State Fair, ever in the forefront, will spare no expense in making this year's fair by far the greatest state fair on earth. The attractions already secured include many of the latest achievements in science, notably the Wright brothers' aeroplane, in air races every forenoon and afternoon from October 3 to 8, inclusive. There will be a novel race between a Wright biplane and a racing automobile, which will undoubtedly prove an exciting and attractive feature.

To accommodate the heavy travel this year the Chicago & Alton will run special trains every day of Fair week and will make special low rates. It is "The Only Fair" and "The Only Way."

WRIGHT'S NEW BOOK OF POULTRY.

One large quarto volume, 600 pages, with 45 full-page plates in color and black and white. Durably bound in cloth, gold lettering, gilt edges. Published by Cassell & Company, 43-45 East 19th St., New York.

The name of Lewis Wright has been known to poultry fanciers everywhere ever since he published his, up to then, exhaustive work, "The Illustrated Book of Poultry," thirty-five years ago. Mr. Wright was a young man then, but for a long time his book was the standard work on poultry in England as well as America, and for many years fanciers were of the opinion that, beyond some little revision and some notice of new varieties, it was hard to see how the work could be improved or whatever new there was to write about.

But the advances in poultry culture slowly but surely revolutionized the industry and the book became pretty well antedated before thirty years had passed.

A very cursory glance through the pages of Mr. Wright's sumptuous "New Book of Poultry" shows better than any other illustration what great changes and advances have taken place in poultry culture in the last three decades. Even in regard to the treatment of varieties it is noticeable how much more definite are now the rules and practice of breeding.

"The New Book of Poultry" is not in any sense a new edition or revision of Mr. Wright's earlier work, but a "new" work, entirely rewritten from first to last. Its scope is thoroughly modern and really world-wide; every modern method of raising poultry for profit (and this is ever the dominant aim of the work) is described, whether European or our own. In essentials, European methods and our own are practically identical.

The distinctive feature of Mr. Wright's book is its thoroughness. We have not

seen a more exhaustive poultry book than this. And to assure its absolute authoritativeness, it is characteristic of the author that he should have gone to the highest authority (in his opinion) on breeding for a contribution, rather than express his own expert opinion, however weighty. These two features—thoroughness and authority—distinguish each of the thirty-nine chapters of the work, twenty-four of which are given over to the full individual discussion of every breed, and fifteen to the treatment of Poultry Houses and Runs, The Science of Feeding, Practical Management, The Egg Setting Hen, Incubation, Rearing and Care of Chickens, Poultry for the Table, Poultry Farming, Exhibition Poultry and Utility, Pedigree of Line Breeding, Practical Breeding and Rearing of Prize Poultry, Exhibiting, Shows, Judging, Trimming, Technical Terms, Poultry Diseases and Vices, etc., etc.

On the easy terms upon which it is now

ANNUAL MEETING OF THE "TYCOS" SALESMEN.

The branch managers and principal salesmen of the Taylor Instrument Companies held their annual "get-together" meeting recently at the factory, where "Tycos" products are made, in Rochester, N. Y.

Three busy days were spent by the officers of the companies and the men in reviewing general conditions in the thermometer industry and prospects for the coming year.

The Taylor Instrument Companies are just closing their most successful year, and the sales force, to a man, is enthusiastic over the outlook for passing all records in the year of 1910-1911. "Tycos" products are now found all over the world and wherever found they represent the highest standard of efficiency and quality. The "Tycos" Incubator, Thermometer and



possible to own "Wright's New Book of Poultry" (see announcement elsewhere), it is hard to find an excuse for its absence in the library of any practical poultryman. We believe that for even a few of the valuable suggestions it contains the book is worth very many times the price to any fancier who can utilize them.

F. D. Sutton, Youngstown, Ohio, reports that he has sold his old stock and now has only young stock to dispose of. He has decided to dispose of all his White Wyandottes to the highest bidder and in the future will devote his attention to S. C. White Orpingtons exclusively.

Hygrometer are well known by every successful poultry raiser and the "Tycos" Thermometer is considered as one of the distinguishing marks of popular incubators.

The accompanying photograph shows the men grouped before the entrance to the main building of the "Tycos" factory. Although the present plant of the Taylor Instrument Companies was occupied only in 1906, the growth of this corporation has been so rapid and substantial as to necessitate considerable additions to facilitate in the making and handling of "Tycos" products.

One building, of several rapidly nearing

Partridge Plymouth Rocks

The greatest combined utility and beauty fowl ever produced. They make money for my customers and will for you if you but give them the opportunity. Get in on the ground floor now and it will prove a good investment. Send for booklet with full particulars.

S. A. Noftzger

Originator of
Partridge Plymouth Rocks

North Manchester, Ind.

COVERT'S BARRED ROCKS

HIGHLAND STRAIN

60 GRAND EXHIBITION BIRDS—10 Cocks and 50 Hens

Grand birds ready to show at fall and winter shows and they have the quality to win in hot company. The quality of these birds will surprise and please you and my prices are reasonable. Order early and get just what you want. ALSO some grand breeding birds in cocks and hens, thoroughbred Highland strain, the kind from which I breed my Chicago, Cleveland and Buffalo winners.

REMEMBER: My grand cockerel line produces these sensational narrow barred fellows and absolutely free from metallic or brassiness. I have lots of fine specimens ready for November delivery. Exhibition pullets now ready. Catalogue free. Write for prices.

Covert's Barred Rock Farm

Willoughby, Ohio



QUICK FEATHERING BIRDS WIN AT EARLY SHOWS HENS THAT MOLT QUICK LAY WINTER EGGS

Robert H. Essex

QUIC-MOLT is a new Specific originated and now put on the market for the first time by the Model Incubator Company. It provides a means to surely get more money—much more money from your fowls by securing early egg production. Write today for full particulars telling how to molt your fowls to get winter eggs.

QUIC-MOLT is also in great demand by Exhibitors who wish to make their show-birds feather fast. It was originated by Mr. Essex, long experienced in exhibiting, and fills the need that Exhibitors have so long felt.

QUIC-MOLT should be used NOW. This is the season for it. Get your show birds just fit. It makes a big difference in your winnings. Write today for full particulars how to make your birds feather fast and have brighter plumage.

AT THIS SEASON you may need Remedies for Chicken Pox, Colds, Roup, Diarrhoea, Scaly Leg, Gapes, or any other disease. Get our Free Laboratory Catalog which describes the diseases and gives the remedy. Model Remedies are also Preventatives. They are put up in our own Laboratory under the supervision of our Chief Chemist and are most reliable. Ask for Model Remedies and accept no other kind. If your dealer does not keep them, ask him to get them for you; or write direct to us.

MODEL POULTRY SUPPLIES ARE SUPERIOR

Model Poultry Supplies Are Superior, yet they cost no more than the ordinary kind. Let your Food Holders and Wall Founts be of good, heavy, galvanized iron, well made; especially when they cost no more than the low-grade, easily-bent kind. See below the list of goods we manufacture. Every article made in our own Factory or Laboratory is guaranteed.

ASK YOUR DEALER FOR MODEL POULTRY SUPPLIES—THE BEST

Incubators	Roup Cure
Brooders	Chicken Pox Cure
Thermometers	Gape Cure
Hygrometers	Cholera Cure
Thermostats	Health Regulator
Egg Testers	Quic-Molt
Lamps	Scaly-Leg Salve
Burners	Lice Spray
Colony Coops	Lice Dust
Brood Coops	Nest Eggs
Chick Shelters	Head-Lice Killer
Drinking Founts	Sulphur Candles
Wall Founts	Disinfectants
Water Cups	Fly Driver
Food Hoppers	Spray Pumps
Grit Boxes	Chick Salts
Food Troughs	Egg Maker
Charcoal	Chick Markers
Perch Supports	Leg Bands

NEXT SEASON when you buy a Hatcher, remember that the Model Incubators and Brooders are recommended as the best by Leading Exhibitors, Big Farms and Experiment Stations. The Standard Model is the only Hardwood Incubator made—the best constructed, and the best appearing machine in the world.

Write for Free Catalog. It describes our full line of Superior Poultry Supplies. We want Poultry Keeper Agents. Write for Terms.

MANY A DOLLAR IS LOST to Poultry Keepers because their hens do not lay in the early Fall or Winter. The hens are not fully feathered when cold weather comes, so they do not lay till spring.

QUIC-MOLT (Feather Fast)
QUIC-MOLT (Feather Fast)
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QUIC-MOLT (Feather Fast)
QUIC-MOLT (Feather Fast)

A Specific for the Production of
Early Feathers and More of Them



POULTRY REMEDIES.
Sold Also in Single Vials



MODEL
INCUBATORS
Eleven Sizes
Eleven Prices
All
Guaranteed

Model Incubator Company

(ROBERT H. ESSEX, Pres.)

The Terrace and Henry St., BUFFALO, N. Y.

completion, measures 100 by 160 feet, and will be used exclusively as a woodworking shop for the preparation of all the lumber entering into the making of wood-back thermometers for household use, weather and temperature indicators, etc. A dry kiln is also under construction for the proper drying out of all the rough lumber used by these companies. These buildings, together with a new wing being added to the main building, make an addition of more than 40,000 square feet of floor space to the present plant—a nice little plant in the additions alone.

Rochester, N. Y., is unique in ranking first among the cities of the world in importance in the thermometer industry, and is rapidly coming to be known the world over as the city "where thermometers come from."

AMONG OUR ADVERTISERS.

H. C. and C. W. Sixt, West Park, Ohio, the well known breeders of S. C. W. Leghorns and White Wyandottes, report a fine lot of young stock that are going to be blue ribbon winners the coming season.

Charles C. Coulter, Frankfort, Ind., breeder of R. C. R. I. Reds, reports that on his farm of 150 acres he is producing some of the best Reds to be found anywhere, and is now in a position to supply R. C. Reds that will win in the strongest competition.

Our friend, H. A. D. Leggett, of Gouverneur, N. Y., who has been advertising his Harvester strain of hardy S. C. White Leghorns and Columbian Wyandottes in these columns the past year, has evidently been delivering the goods, as he has sold nearly all his surplus stock, but is prepared to supply young stock of both varieties at reasonable prices.

J. H. Jackson, Hudson, Mass., the well known White Wyandotte breeder, reports a fine lot of birds for the season's trade and many ready for the strongest competition. During past years he has supplied winners for the leading shows in the United States and Canada, and you run no risk in ordering from him, as he will take back, at his expense, any bird that is not satisfactory.

Wm. C. Bowman, manager of Oakland Poultry Yards, Trenton, N. J., informs us that they have a new farm of 140 acres and will establish one of the finest poultry farms in the East. The buildings alone will cost upwards of \$40,000. This year they have raised some fine exhibition White Wyandottes and some fine exhibition S. C. White Leghorns and can supply winners.

The Winona Farm, Lansdale, Pa., is one of Pennsylvania's progressive plants and they have just closed the most successful season of their career.

They have had great success in raising young stock and their S. C. Rhode Island Reds and S. C. White Leghorns could not look better. In order to take the best possible care of their youngsters, they are offering their 1910 breeders at very tempting prices, as you will notice by their very interesting ad in this issue.

When it comes down to brass tacks, Winona Farm's Reds and Leghorns are going to be in the race this year from start to finish. Their fine plant is located just on the outskirts of Lansdale and is a sight well worth seeing at this time of the year, with the young stock coming on. Take a trip to Winona Farm. If this is impossible, get in touch with them.

Coops that are neat and attractive go a long way to display your birds in the showroom to the best advantage and cut an important figure in the general appearance of the hall. First appearances are lasting. The visitor's favorable impression is well worth any attention given to pleasing appearances. The nicely painted, light blue coops made by the Gem Incubator Company, Trotwood, Ohio, make a very pretty effect lined up in the showroom. For the past twenty years this firm has made a specialty of manufacturing exhibition coops during the summer and fall months. Hundreds of exhibitors will no doubt recall seeing this coop in use in both large and small shows throughout the country. The small exhibitor and the Association alike should investigate the merits of the Gem Exhibition Coop. At the low price so desirable a coop is sold no exhibitor can afford to use an unsightly coop. Look up their ad in this issue. Send for circular and samples.



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Successful Poultry Culture

tells you how to prepare this food. Contains 128 pages and 90 handsome illustrations of fowls and practical plans for building poultry houses. It is a thorough and scientific treatise on raising poultry for profit, and is especially designed for the beginner. If instructions are followed success will surely crown your efforts; the chapter on "Scientific Feeding" is alone worth many times the price of the whole book. This book has always sold heretofore for \$1.00.

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F. GRUNDY, Poultry Expert, - - Morrisonville, Illinois.

A WORD OR TWO FROM PINE TOP POULTRY FARM.

We wish to extend to our many friends and patrons the appreciation we feel for the aid received in making the past season one of the most successful in the poultry world, and we take pleasure in announcing to those who intend exhibiting at any of the coming shows that Pine Top has added a wonderful selection of birds bred from our blue ribbon winners at Madison Square Garden, Boston and other leading shows during the past year, which are bound to win honors unparalleled.

For the benefit of those desiring to obtain utility birds for next year's breeding, we are this month offering fine yearlings at a sacrifice.

Write to us direct for prices, etc., and keep watch of the American Poultry Journal for the progress of "Pine Top" birds. Address Pine Top Poultry Farm, Hartwood, Sullivan county, New York.

R. I. REDS AT OWEN FARMS.

In this issue of American Poultry Journal Owen Farms, Vineyard Haven, Mass., makes the announcement that they are now prepared to furnish our readers with as good stock in Single and Rose Comb Rhode Island Reds as can be found anywhere. They have been working on this variety for the past five years and have now got them as nearly perfect as it is possible in accordance with the American standard of perfection. That is, they have bred them up to a state of perfection that is on a plane with the other varieties bred on this noted farm, and therefore feel justified in now bringing them to the attention of our readers and soliciting their patronage for this variety. See their page ad elsewhere in this issue.

F. S. Smith, of Hamilton, Ohio, reports to us that through his ad in the American he has had a wonderful trade this year in eggs, day-old chicks and stock of his great laying strain of S. C. Buff Leghorns. He had mated this year forty pens and has raised over 8,000 young birds and will show this winter at most all the leading shows.

Mr. Smith is the largest breeder of S. C. Buff Leghorns in the world and has no other breeds, except 400 Indian Runner ducks. He expects to have 2,000 layers for next year and will mate his forty pens for the egg trade. He is still shipping eggs to the southern states and reports a grand business in the South.

Mr. Smith has over 500 yearlings that he will sell cheap, to make room, and over 6,000 youngsters, including hundreds of show birds. He has purchased for next year twenty 250-egg incubators and fourteen 400-egg machines. This will give him over 10,600-egg capacity. By counting chickens before they are hatched, he expects to raise next spring over 25,000 chicks and 5,000 Indian Runner ducks.

Mr. Smith sold thousands of day-old chicks this year, so if you want Buffs, write him, as he has a grand lot of them and will guarantee to please you in every way.

His winnings last winter at Hamilton, Dayton, Cincinnati, Columbus, Toledo, Cleveland, Indianapolis, Chicago and the great St. Louis shows were record-breakers.

Greenwood & Yeoman's

Exhibition Light Brahma Breeders. Choice stock for sale. Eggs a specialty. Correspondence a business. Box 1334 - Paterson, New Jersey

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SINGLE COMB.... LEGHORNS

BUFF Eggs for hatching from America's most phenomenal prize winning and egg producers. Awarded more than 350 prizes in nine different states since 1905. Captured sixty prizes on sixty entries at Chicago, Boston, St. Louis, Cleveland and Indianapolis this season. Ask for our "Gold Bond Proposition."

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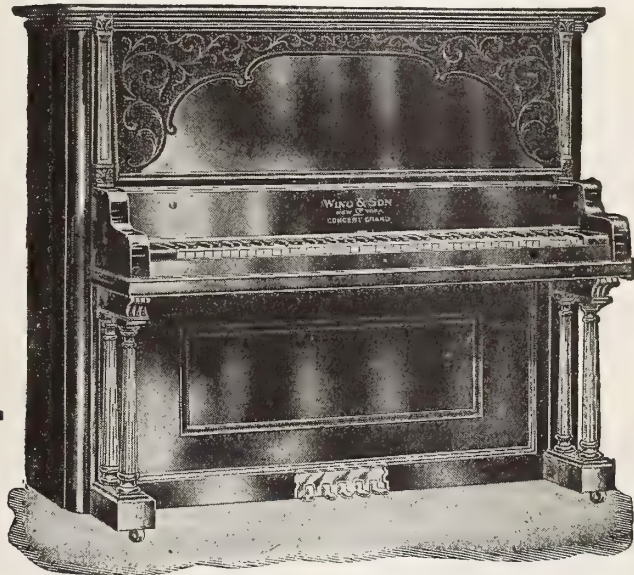
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Player Pianos
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Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashtabula, Ohio.

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of Barred Ply. Rocks won 1st and 4th prizes at Washington, D. C., 1909.

Chas. C. Wine : : **Mt. Sidney, Virginia**

HEWES' FARM BLACK**LANGSHANS**

Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

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The Happy Hen

225 Oliver Ave., Pittsburgh, Pennsylvania

Poultry Show Dates, 1910-11

1910.

- Sept. 3-7 — Red Bank, N. J. Stanton and Minich, judges; E. W. Wise, director.
Sept. 3-9 — Kankakee, Ill. Len Small, secretary.
Sept. 3-17 — Denver, Col. C. C. Fuller, secretary.
Sept. 9-17 — London, Ont. Can. Butterfield, Jarvis & Tucker, judges; A. M. Hunt, sec'y.
Sept. 13-16 — Cadillac, Mich. V. L. Simmons, superintendent.
Sept. 19-23 — Bowling Green, O. R. S. Sweet, secretary.
Sept. 19-24 — Nashville, Tenn. John A. Murkin, superintendent.
Sept. 19-24 — Athens, Pa. Charles E. Mills, secretary.
Sept. 24-28 — Kansas City, Mo. C. S. Hunting, 1304½ Main street, superintendent.
Sept. 27-Oct. 4 — Memphis, Tenn. Hewes, Kummer and Marshall, judges; C. L. Baker, sec'y.
Sept. 28-Oct. 1 — Sikeston, Mo. Adam Thompson, judge; George S. Greathouse, supt.
Oct. 3-6 — Hamilton, O. J. A. Horning, judge; W. C. McKenny, secretary, R. R. 2.
Oct. 5-8 — San Jose, Cal. Venn, judge; Charles R. Harker, secretary.
Oct. 8-17 — Joplin, Mo. H. A. Forkner, secretary.
Oct. 11-14 — Hagerstown, Md. Drevendstedt, Brown, McClave, Nichols, Stanton, Ewald, Shaylor, Atherton, Oke, Minich and Kummer, judges; W. F. Spahr, poultry secretary.
Oct. 12-15 — Delaware, O. Ed. S. Mettler, secretary.
Oct. 14-15 — Golden, Ill. Penny, judge; Mrs. T. W. Eckles, secretary, Camp Point, Ill., R. R. 1.
Nov. 5-10 — Phoenix, Ariz. C. E. Conner, secretary, R. F. D. 1.
Nov. 7-12 — Augusta, Ga. Wittman, Simmons and Ewald, judges; H. W. Cameron, sec'y.
Nov. 8-11 — Brainerd, Mo. Hobbs, judge; R. F. Nickels, secretary.
Nov. 9-12 — Mexico, Mo. Branch, judge; W. S. Eller, secretary.
Nov. 14-19 — Little Rock, Ark. Emry and Rhodes, judges; C. B. Maxwell, secretary, care of Mercantile Trust.
Nov. 15-18 — Cheshire, Conn. Card, judge; E. H. Williams, secretary, Box 185.
Nov. 16-19 — Packwood, Ia. Russell, judge; G. A. Spielman, secretary.
Nov. 18-24 — New York City. Weed, Davey, Atherton, Welles, Card, Cleveland, Ewald, Punderford, Cutting, Young, Fitch, Glasgow, Josenhans and Ellard, judges; Robert Seaman, manager, Jericho, N. Y.
Nov. 21-24 — Camp Point, Ill. Heimlich, judge; C. Donald Gay, secretary.
Nov. 21-25 — Farnia, Ill. Shellabarger, judge; Oscar Wells, secretary.
Nov. 21-26 — St. Louis, Mo. Rigg, Campbell, Hettlich and Ewald, judges; M. M. Anderson, assistant secretary.
Nov. 21-26 — Beaumont, Tex. Northup, judge; J. L. McKinley, secretary, 1228 Harrison St.
Nov. 21-26 — East Orange, N. J. George Eckel, secretary, 46 Washington Terrace.
Nov. 21-26 — DuQuoin, Ill. E. G. Teaney, secretary.
Nov. 22-24 — Honey Grove, Tex. M. S. Fite, judge; A. S. Galbraith, secretary, Box 180.
Nov. 22-25 — Vandalia, Mo. Stoddard, judge; J. A. B. Keith, secretary.
Nov. 22-26 — Mohnton, Pa. Webb and Jane Broster, judges; J. H. Fuhthow, secretary.
Nov. 22-26 — Bellingham, Wash. Dixon and Coats, judges; Lloyd Hildebrand, secretary, 2110 D St.
Nov. 22-26 — Mt. Carmel, Pa. Eberly, judge; Thomas F. Owens, secretary, 224 E. 7th St.
Nov. 22-26 — Peekskill, N. Y. Drevendstedt and Davey, judges; G. A. Aschenbrenner, secretary, 1514 Main St.
Nov. 22-26 — Davenport, Ia. Russell and McCord, judges; H. A. S. Kelley, secretary, 738 E. 15th St.
Nov. 22-26 — Marion, O. Bean, judge; M. G. Dickerson, secretary.
Nov. 22-27 — Oakland, Cal. Stanfield, judge; E. K. Healy, secretary, 2214 San Jose Ave., Alameda, Cal.
Nov. 23-25 — Adams, Neb. E. W. Campbell, secretary.
Nov. 23-26 — Bridgeton, N. J. Stanton, Huyler and Wolsieffer, judges; Paul G. Springer, secretary, R. D. 4.
Nov. 28-30 — New Virginia, Ia. Shaner, judge; L. E. Wilson, secretary.
Nov. 28-Dec. 3 — Lake Charles, La. Davis, judge; H. K. Ramsey, secretary.
Nov. 28-Dec. 3 — Belle Plaine, Ia. Holden, judge; E. M. Ewen, secretary-treasurer.
Nov. 29-Dec. 2 — West Haven, Conn. Drevendstedt, Card and Wells, judges; W. J. Maher, secretary.
Nov. 29-Dec. 2 — Gastonia, N. C. Marshall, judge; S. S. Morris, secretary-treasurer.
Nov. 29-Dec. 2 — Cleburne, Tex. Savage, judge; G. E. Sears, secretary.
Nov. 30-Dec. 3 — Taylorsville, Ill. Pierce, judge; Mrs. Laura B. Evans, secretary.
Nov. 29-Dec. 3 — Kansas City, Mo. Russell, Oke, Rhodes, Heimlich, Hale, Thompson, Southard, Roberts, Palmer, Pickett and Ewald, judges; T. E. Quisenberry, secretary, Columbia, Mo.
Nov. 30-Dec. 3 — Williamsport, Pa. Schwab and Wittman, judges; James T. Huston, sec'y.
Nov. 30-Dec. 3 — Wornelsdorf, Pa. F. H. Davey, judge; Charles D. Lembach, secretary.
Dec. 1-3 — Glen Rock, Pa. Hoke and Eberly, judges; Allen M. Seitz, secretary, R. R. 2, New Freedom, Pa.
Dec. 1-4 — Arlington, Tex. Davis, judge; W. T. Thurman, secretary.
Dec. 5-8 — Whitesville, Mo. Branch, judge; J. F. Case, secretary.
Dec. 5-8 — Donnellson, Ia. Cooley, judge; H. G. Kirchner, secretary, R. R. 4.
Dec. 5-9 — Gnadenhatten, O. Falkner, judge; W. O. Lyle, secretary.
Dec. 5-10 — Ashtabula, O. Kummer, judge; E. R. McCune, secretary.
Dec. 5-10 — Mansfield, O. Lane, judge; Sherman Bowden, secretary.
Dec. 5-10 — Dowagiac, Mich. Keeler, judge; A. C. Robison, secretary.
Dec. 5-10 — Morristown, N. J. Stanton, Heller and Nixon, judges; Lloyd B. Tredway, secretary, Chester, N. J.
Dec. 5-10 — Portland, Ore. Collier and Coates, judges; J. C. Murray, secretary, 1005 E. 14th St. North.
Dec. 6-8 — Milford, Mass. W. H. Pyne, secretary.
Dec. 6-9 — Richmond, Ind. Lane, judge; Frank L. Waidele, secretary, Richmond and West 7th Sts.
Dec. 6-10 — Alva, Okla. Dudley, judge; A. H. Bullis, secretary.
Dec. 6-10 — Athens, O. Pierce, judge; S. M. Johnson, secretary.
Dec. 6-10 — Reading, Pa. Edwards and Webb, judges; C. H. Glase, secretary, 1331 Perkins Ave.
Dec. 6-10 — Scottsdale, Pa. Charles T. Cornman, judge; W. G. Sherrick, secretary, Everson, Pa.
Dec. 6-10 — Norristown, Pa. Davey, Nevius and Poley, judges; George C. Whittam, secretary, 1529 Arch St.
Dec. 7-10 — Red Bank, N. J. Davey, Stanton and Minich, judges; P. J. Gislison, secretary.
Dec. 7-10 — Kirksville, Mo. Rhodes, judge; C. B. McClanahan, secretary.
Dec. 7-12 — LaCrosse, Wis. Hoffman, judge; Joseph H. Poehling, secretary.
Dec. 7-12 — Rochester, Minn. Holden and Whitney, judges; D. L. Williams, secretary.
Dec. 8-12 — Asheville, N. C. Drevendstedt, judge; Dr. Charles Beers, secretary.
Dec. 8-10 — Guilford, Conn. Paul P. Ives, secretary.
Dec. 8-10 — Apollo, Pa. Auerswald, judge; George L. Rudolf, secretary, Box 117.
Dec. 8-14 — Chicago, Ill. Theodore Hewes, secretary, Indianapolis, Ind.
Dec. 10 — Gadsden, Ala. Marshall, judge; J. C. Greene, secretary.
Dec. 12-15 — Lincoln, Ill. McCord, judge; William Corwine, secretary.
Dec. 12-16 — Sioux Falls, S. D. Keeler, judge; L. G. Granger, secretary.
Dec. 12-16 — Princeton, Ill. Rapp, judge; Walter Asche, secretary.
Dec. 12-16 — Parkers Landing, Pa. Andrews, judge; J. S. Brady, secretary.
Dec. 12-16 — West Point, Neb. McClaskey, judge; Rudolph Brazda, secretary.
Dec. 12-16 — Fremont, Neb. Shellabarger, judge; Charles W. Mulloy, secretary.
Dec. 12-17 — Williamstown, W. Va. Bean, judge; W. P. Miller, secretary.
Dec. 12-17 — Easton, Pa. Drevendstedt and Webb, judges; S. W. Godley, secretary.
Dec. 12-17 — Meridian, Miss. Hutchison, judge; F. R. Zillor, secretary.
Dec. 12-17 — Genoa, O. Emch, judge; C. F. Coleman, secretary.
Dec. 12-17 — Jamestown, N. Y. Burgott and Denny, judges; A. J. Hammerstrom, secretary, 627 English St.
Dec. 12-17 — Colorado Springs, Col. D. T. Heimlich, judge; H. H. Chase, secretary.

- Dec. 13-16—Smithfield, W. Va. Sites, judge; F. E. Funk, secretary.
 Dec. 13-16—Middletown, Conn. Bunnell, Shove and Coolidge, judges; Charles L. Fisk, sec'y.
 Dec. 13-16—Hannibal, Mo. Johnston, judge; W. S. Hoke, secretary.
 Dec. 13-16—Richland, Ia. Dagle, judge; J. W. Allen, secretary.
 Dec. 13-16—Kingston, N. Y. B. C. Deyo, secretary, New Paltz, N. Y.
 Dec. 13-17—Philadelphia, Pa. C. Carroll-Kempton, secretary.
 Dec. 13-17—Pine Bluff, Ark. Savage and Brown, judges; E. W. Phillips, secretary.
 Dec. 13-17—Lebanon, Pa. Corey and Eibel, judges; Samuel Black, secretary, 1121 Nufflin St.
 Dec. 13-17—Bucyrus, O. Heck, judge; D. M. Odaffer, secretary.
 Dec. 13-18—Wapakoneta, O. Case, judge; F. M. Bowers, secretary, 511 E. Pearl St.
 Dec. 14-17—LeGrand, Ia. Mills, judge; L. C. Knudson, secretary.
 Dec. 14-17—Cottage Grove, Ore. Collier, judge; W. C. Conner, secretary, Main and 4th Sts.
 Dec. 14-17—Clinton, Mo. Branch, judge; A. L. Armstrong, secretary.
 Dec. 14-17—Maryville, Mo. Thompson, judge; Joseph H. Saylor, secretary.
 Dec. 14-17—Garden City, Kas. Stoner, judge; M. R. Easley, secretary.
 Dec. 14-18—Wakeman, O. McClave, judge; C. M. McWhorter, secretary.
 Dec. 14-19—Fort Wayne, Ind. Kummer, judge; W. H. Didier, secretary.
 Dec. 14-19—Oconomowoc, Wis. Tucker, judge; Charles Behrend, Jr., secretary.
 Dec. 15-16—Pender, Neb. Mrs. H. E. Blattler, judge; R. Chow, secretary.
 Dec. 15-17—St. Charles, Ia. Todd, judge; J. M. Brown, secretary.
 Dec. 15-18—Beaver Dam, Wis. Keeler, judge; Otto J. Winning, secretary, 412 W. 3d St.
 Dec. 15-21—Holland, Mich. J. C. Clipp, judge; J. B. Hadden, secretary.
 Dec. 19-23—Bradford, Ill. Heimlich, judge; B. D. Phinx, secretary.
 Dec. 19-24—Weldon, Ill. Stanfield, judge; Dr. A. V. Foote, secretary, Box 29.
 Dec. 19-24—Aledo, Ill. Warnoch, judge; Willard Ruse, secretary.
 Dec. 20-22—Bridgeport, Conn. George Seltman, secretary, Sylvan Ave., R. D. 4.
 Dec. 20-23—Hutsonville, Ill. Shaw, judge; J. S. Walker, secretary, Palestine, Ill.
 Dec. 20-24—Austin, Minn. Ott, judge; Alfred A. Ziemer, secretary.
 Dec. 20-24—Magnoketa, Ia. Shellabarger, judge; N. J. Rankin, secretary.
 Dec. 20-24—Salem, Mich. Otto, judge; F. W. Roberts, secretary.
 Dec. 20-24—Schwenksville, Pa. F. H. Davey, judge; S. R. Crom, secretary.
 Dec. 23-Jan. 1—McKeesport, Pa. Kummer and Keeler, judges; W. N. Soles, secretary, 211½ Fifth Ave.
 Dec. 26-31—Columbia, Pa. Davey, judge; M. S. Gohn, secretary.
 Dec. 26-31—East Liverpool, O. Kummer, judge; J. F. Groschoss, secretary, 633½ Dresden Ave.
 Dec. 26-31—Havana, Ill. Heimlich, judge; Benjamin L. McFadden, secretary.
 Dec. 26-31—Charleston, Ill. Kline, judge; C. L. Carney, secretary.
 Dec. 26-31—Lansing, Mich. Tucker and Wise, judges; J. A. Turner, secretary.
 Dec. 26-31—Huntington, W. Va. Northup, judge; C. P. Sanborn, secretary.
 Dec. 26-31—Geneseo, Ill. Ott, judge; Matthew O'Connell, secretary.
 Dec. 27-30—Barre, Vt. Card, judge; R. S. Currier, secretary.
 Dec. 28-30—Freeport, Me. Watson, Ballou, Atherton and Bartlett, judges; George P. Coffin, secretary.
 Dec. 27-31—Litz, Pa. Cornman and Corey, judges; James H. Breitigan, secretary.
 Dec. 27-Jan. 2—Salina, Kas. Clipp, judge; Samuel E. Hoover, secretary.
 Dec. 28-30—Charlotte, N. C. Brace and Simmons, judges; C. W. Best, secretary.
 Dec. 28-31—Montpelier, O. McClave, judge; Will Welch, secretary.
 Dec. 28-31—Vicksburg, Mich. Tucker, judge; C. A. Morse, secretary.
 Dec. 29-Jan. 2—Kiel, Wis. Campbell, judge; M. J. Wirth, secretary.
 Dec. 29-Jan. 2—Toronto, Ont., Can. F. T. Saunders, secretary, 18 Toronto St.
 Dec. 31-Jan. 5—Jackson, Mich. Schwab and Traviss, judges; W. O. Wellman, secretary.
 Jan. 2-7—Spokane, Wash. Warnock and Norton, judges; H. J. Fuller, secretary.
 Jan. 2-7—Grand Ledge, Mich. Otto, judge; W. G. Shaw, secretary.
 Jan. 2-7—Springfield, Ill. O. L. McCord, secretary.
 Jan. 2-7—Topeka, Kas. Tompkins, Smith, Rhodes, Branch, Byers, Roberts and Palmer, judges; E. W. Rankin, secretary.
 Jan. 2-7—Polo, Ill. Russell, judge; Frank Niman, secretary.
 Jan. 2-7—New Castle, Pa. Jaquins, judge; C. L. Carson, secretary, 75 E. North St.
 Jan. 2-9—Gowrie, Ia. C. H. Rhodes, judge; S. R. E. Anderson, secretary.
 Jan. 3-6—Pft. Madison, Ia. Ellison, judge; Albert M. King, secretary, West Point, Ia.
 Jan. 3-6—Springfield, Mass. Weed, Card and Ballou, judges; E. P. Tilton, secretary.
 Jan. 3-7—Attica, O. Cram, judge; J. Hobart Sutton, secretary.
 Jan. 3-7—Baltimore, Md. George O. Brown, secretary, 2027 E. North Ave.
 Jan. 3-7—Elmore, O. Feil, judge; George A. Neis, secretary.
 Jan. 3-7—Mountain Grove, Mo. Emry, judge; E. J. Greene, secretary; J. M. Cassil, assistant secretary.
 Jan. 4-7—San Diego, Cal. A. Eldridge, secretary, 764 Newton Ave.
 Jan. 4-7—Fort Morgan, Col. Hewes, judge; R. J. Nothwehr, secretary.
 Jan. 4-8—Elyria, O. Falkner, judge; A. J. Laundon, secretary, 114 Cheapside.
 Jan. 5-12—Mankato, Minn. Holden, judge; Fred O. True, secretary.
 Jan. 6-13—Waukegan, Ill. T. B. Gleave, secretary.
 Jan. 9-13—Lebanon, Ind. Zike, judge; Frank B. Wooley, secretary.
 Jan. 9-14—Salt Lake City, Utah. Heimlich, judge; C. J. Sander, secretary, 3335 So. 7th St. East.
 Jan. 9-14—Columbus, Ind. Corey, judge; H. K. Volland, secretary.
 Jan. 8-14—Galveston, Ind. Pickett, judge; Harry Gray, secretary, R. R. 13.
 Jan. 9-14—Sullivan, Ill. Rapp, judge; J. L. McPherson, secretary.
 Jan. 9-14—Rochester, N. Y. Maunder, Webb, Stanton, Cornish, Brace and Brown, judges; F. A. Newman, secretary, Box 472.
 Jan. 9-14—Beloit, Wis. McClave and Hackett, judges; Geo. A. Miller, secretary, R. D. 28.
 Jan. 9-14—Altoona, Pa. Cornman and Ewald, judges; J. L. Wertberger, secretary, 1322 10th Ave.
 Jan. 9-14—Charleston, W. Va. Sites, judge; E. Stem, secretary, 307 Penn Ave.
 Jan. 9-15—Atlanta, Ga. Emry and Marshall, judges; C. O. Harwell, secretary, 113 N. Pryor St.
 Jan. 10-12—Spartanburg, S. C. Brown and Owen, judges; C. W. Anderson, secretary, 133 Magnolia St.
 Jan. 10-13—New London, Ia. Shanklin, judge; A. M. Cornwell, secretary.
 Jan. 10-14—Aurora, Ill. Rountree, judge; Herman Moser, secretary.
 Jan. 10-14—Boston, Mass. W. B. Atherton, secretary, 30 Broad St.
 Jan. 10-14—Dalton, Mass. Felch and Tasker, judges; W. H. Griswold, secretary.
 Jan. 10-14—Norwalk, O. Charles O. Jackson, secretary.
 Jan. 10-14—Washington, N. J. William H. Cyphers, secretary.
 Jan. 11-14—Richmond, Va. Simmons, judge; W. R. Todd, secretary, 426 N. 6th St.
 Jan. 11-15—Milwaukee, Wis. Keller, Heyl and McCauley, judges; Theodore Koss, secretary.
 Jan. 11-15—Evans City, Pa. Gault, judge; J. F. McFarland, secretary.
 Jan. 11-17—Minneapolis, Minn. Holden, Rhodes and Roberts, judges; Charles O. Johnson, secretary, 4201 No. Colfax Ave.
 Jan. 12-14—Rutherford, N. J. F. A. Minnerly, secretary.
 Jan. 13-14—Downers Grove, Ill. Shellabarger, judge; A. B. Snow, secretary.
 Jan. 16-20—Grand Rapids, Mich. Tucker, Wise and Otto, judges; W. L. Kupps, secretary, 42 Will St.
 Jan. 16-20—Lincoln, Neb. Rhodes, Johnson and Southard, judges; A. H. Smith, secretary.
 Jan. 16-21—Mt. Vernon, O. Felch, judge; Luther A. Stream, secretary.
 Jan. 16-21—Scranton, Pa. Denny, McGrew, Mosher, Wittman, Alden, Barber and Stanton, judges; C. W. Payne, secretary, 140 Washington Ave.
 Jan. 16-21—Janesville, Wis. Heimlich, judge; F. J. Holt, secretary.
 Jan. 17-20—North Adams, Mass. Tasher, Weed, judges; C. A. Larabee, secretary.
 Jan. 17-20—Attica, Ind. Zike, judge; W. R. Gilmore, secretary.
 Jan. 17-20—Winsted, Conn. Corey, Welles, judges; L. P. Capwell, Secretary, 72 Hinsdale Ave.
 Jan. 17-20—Leavenworth, Kans. Branch, Palmer, judges; Fred T. Nye, secretary.
 Jan. 17-21—Huntington, Ind. Campbell, judge; Herbert Zahn, secretary.
 Jan. 17-21—Van Wert, Ohio. Shaner, judge; L. C. Blake, secretary.
 Jan. 17-21—Logansport, Ind. Campbell, judge; Wm. Grace, Jr., secretary, 316 Market St.
 Jan. 17-22—Michigan City, Ind. McClave, judge; A. L. Peterson, secretary, 409 Earl road.
 Jan. 18-21—Port Huron, Mich. Wise, Coburn, judges; Robt. S. Taylor, secretary.

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YOUNG INDIAN RUNNERS, from 280-egg strain, old enough to lay, at \$4.00 and \$5.00 per pair. Ridge View Farm, Knowlesville, N. Y. 8-3

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FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-11

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AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 1032. 2-11

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HALF PRICE IF TAKEN NOW. Cockerels for breeding and exhibition purposes. First orders get the early choice birds. S. C. B. Minorcas from trap-nested stock. Buff Orpington (Cook) S. C. B. Leghorns (great egg strain), White Rocks, trap-nested exhibition strain. Rocks Barred and Buff large and fine. Reds, extra quality Rose and Single Comb. Cockerels, \$1.50 each, or 4 for \$5.00. White Holland Turkeys & Pekin ducks, cheap. Wadsworth Poultry Farms, Waynesville, O. 9-1

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180 MARCH HATCHED Black Javas, Single Comb Rhode Island Reds, \$1.00 each for 5 or more one shipment. From Grand, High Prize birds. Herbert Hodgson, Albion, Ills. 9-1

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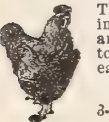
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QUALITY ABSOLUTELY BEST. Winners strongest competitor. Breeder of these

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10-09-lyr

EGGS FOR HATCHING from the best Columbian in the West. I have in my breeding pens 19 first and 18 second prize winners at some of the best shows, also many third and fourth prize winners. Eggs, \$2 per 15. Send for mating list. FRANK MILTENBERGER, Box 2, Cortland, Neb.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

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BARRED PLYMOUTH Rocks, White Crested Black Polish. Eggs from my prize winners, \$1.50 per 15; \$2.50 per 30, balance of the season. Birds from my breeding pens at very low prices to make room. Males \$2 to \$5. Hens and pullets \$1.50 to \$3. Circular free. **CASCADE POULTRY YARDS**, Wm. Neiers, Prop., Cascade, Iowa 11-09-1yr

**Special
Sale....**

herst pheasants. One pair 2 yrs. old; well colored, large size. **JENNIE MILNER**
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WHITE PLY. ROCKS

First prize winners at Chicago, Dec., '09, and at Illinois State Show, Jan., '10. A few yearling hens and cocks for sale cheap. Fairview Poultry Farm, W. E. Jones, Proprietor, R. R. 20, Williamsville, Illinois.

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Layers and winners at Pittsburg and other leading shows. Stock for sale now and eggs in season. Write for prices. 1000 Island Poultry Yards, Ernest W. Slate, South Hammond, New York.

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Males all sold, but have a fine lot of this year's breeders (females) yet at very reasonable prices.

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By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. **C. J. WHITNEY**, Galt, Ontario, Canada.

The Uhl Hatchery

will furnish chicks only during August and part of September yet. So get in your order at once.

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Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

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Winners at Chicago, St. Louis, Toledo, Louisville, Pittsburg, Detroit. Bred for size, health, vigor and eggs. All stock sold on approval. Eggs from exhibition matings, half price after June 1. Breeders at reduced prices during the Summer. Write for mating list and 32-page catalogue. Please mention A. P. J.

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I have the goods and will dispose of some of "The Best in the West" Barred Rocks at prices that anyone can afford to pay for good quality. Your money back if I cannot deliver what you want. Secure something now for that early fall show and be a winner.

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From stock that has a winning record at America's largest shows, such as Indianapolis, Pittsburg, Chicago, Springfield, Jamestown exhibition and others at \$5 per 15, \$9 per 30, \$13 for 50, \$25 per 100. We guarantee fertility.

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Eggs one-half price. Breeding stock at prices that should cause you to take notice. If in need of high-class stock write me your wants. Circular free.

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Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale.

Day old chicks from our best stock for sale from March 15 to June 1.

Riley's Barred Rocks

Do you want to be among the winners at your coming show this winter? Don't forget that I have many winners growing, ready for delivery after September. You may have been one of those who have neglected to buy some of my eggs, or one of many whose order I could not fill. My books show that I sold and shipped 5,434 eggs. Riley's Rocks will surely be heard from the coming year.

Henry D. Riley, Box B, Strafford, Chester County, Penna.

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WHITE WYANDOTTES, BARRED ROCKS, ORPINGTONS, LEGHORNS, BRONZE AND NARRAGANSETT TURKEYS, EMBDEN, AFRICAN AND CHINESE GEESE, MUSCOVEY, PEKIN AND ROUEN DUCKS. 600 selected fowls for sale. Finest collection in the United States. 58 firsts, 24 seconds, 3 thirds, 6 cups, 2 medals and Special for best display at the big Cleveland show, January, 1910. Write your wants to

CHAS. McCLAVE BOX A NEW LONDON, OHIO

**NONPAREIL
Barred Plymouth Rocks**

**Winners of Highest Awards at
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EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

150 Choice Breeders for Sale

Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

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Welleslea Farm Poul. Yds., C. H. Welles, Bx. A, Stratford, Conn

Eggs for sale from my New York, Orange, Red Bank and Rutherford winners. Lamon's old strain pure. Send for catalogue of my winnings. W. D. CAMPBELL, R. F. D. No. 1, Bloomfield, New Jersey.

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Winners at Youngstown and Cleveland. Eggs \$3 to \$15. W. Orpington eggs \$10, \$15. Stock for sale.
W. Etzensperger - Willoughby, Ohio

Unexcelled layers. Winners at Madison Square Garden, Buffalo International, Rochester, Batavia, Canandaigua. Champions of N. Y. State Fair 4 years in succession. LeRoy W. Seigfried, Route A, Waterloo, N. Y.

Young and mature breeding stock. Prices right. Let me know your wants. Eggs in season. Mention A. P. J.
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They are prize winners wherever shown. Eggs balance of season at half price, \$2 per 15. Please mention American Poultry Journal when writing.

After June 1st I will sell eggs from my best \$10 pens of champion prize winning B. C. Rhode Island Reds at \$5 per fifteen. No better stock anywhere and I guarantee satisfaction in every particular. Write for prices on exhibition pens for the early fall fairs. I supply the winners. Send for mating list and mention American Poultry Journal.

ORPINGTONS

acknowledged the world's best. After June 1st I will offer eggs at less than half their value. This is chance of your life to get in line for some of my strains of Orpingtons. Never in my twelve years breeding Orpingtons have I had such youngsters as I have at present time large broad, deep bodies, heavy bone, shape and color to burn. As I was the first importer of Buffs to America and have won over 1,200 prizes, I believe I have some of the best birds in America today. June is month to hatch the winner for late winter shows and can furnish the eggs that will set you in line for blue ribbons. Write for prices. Booklet free. :: C. E. Vass, Washington, New Jersey

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The Last 21 Years have been won by Birds we Bred
and Raised than has been won by any other
Exhibitor on ANY stock.

1st PRIZES ON COCKERELS More by 20 per cent.
1st PRIZES ON MALES More by 11 per cent.

 All of the Silver Cups competed for have been won by us, three times out of five.

Four 1st, four 2d, three 3d Prizes besides other awards have been won by us at a single Madison Square Garden Show

THREE TIMES have Males of our breeding won FOUR OF THE FIVE PRIZES offered in the class including firsts

24 of our "LEE BELLE" Line of Females have been First Winners at New York Show alone.

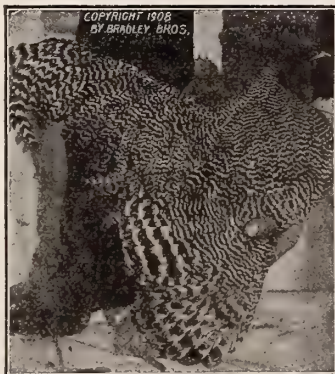
First Prize in each of the two Largest Shows and the CHAMPIONSHIP PRIZE in what was considered the STRONGEST FEMALE COMPETITION OF THE YEAR, is a recent "LEE BELLE" record by BIRDS WE BREED, RAISED AND SOLD. We have permission to state this, also the other records referred to.

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We are selling the finest lot of breeding and exhibition birds we ever offered for sale, both young and old stock bred from these same lines at New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding. Exhibition Cockerels and Exhibition Pullets—birds that can be DEPENDENT upon for first class results.

 **FREE**—Illustrated Printed Matter telling of Winnings at Kansas City, Chicago, New York, etc.

Breeders of First Winning Barred Plymouth Rocks :: **Lee, Massachusetts**



**World's Champion of 1906,
Our \$2,000 Male.**

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line.

FIRST PRIZE WINNINGS at CHICAGO and KANSAS CITY, and the largest shows outside of New York, which OUR BIRDS HAVE WON FOR OUR CUSTOMERS would alone be sufficient to demonstrate the superiority of our strain.

Bradley Bros., Box 909

The Latest Bantam!

My Rose and Single Comb Buff Bantams are the most beautiful Bantams ever produced. Bright, even, golden Buff from head to tail. Remember, I have them in Rose and Single Comb. Will spare a few eggs at \$10 per 13. No White Rocks for sale until fall.

Harry M. Lamon : Adams Center, New York

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Two pens (six birds in each) of Barred Plymouth Rocks, \$15 per pen. Five pens (six or more in each pen) at \$2 per head of White Wyandottes. First class breeding and exhibition stock.

D. T. HEIMLICH : JACKSONVILLE, ILL.



S. C. BROWN LEGHORNS

Again and Again Winners in Hottest Competition

At Chicago, December, 1909—1st and 2d ck.; 1st and 5th ckl.
At Boston, 1907-8—3d, 5th ck.; 1st, 2d, 5th ckl.; 3d, 6th hen.
At Madison Square Garden, 1905—1st cock and 3d pullet.
At Chicago, 1905—2d ck.; 2d, 3d ckl.; 1st pul.; 1st pen; 15 spls.
At Indianapolis—1st cock; 1st cockerel; 1st pullet and 1st pen.

Unsurpassed in Quality. Like Begets Like.

A choice lot of youngsters for shows now ready for shipment.

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S. C. W. LEGHORNS

Huber Bros.' superior strain is now to be found in every state of the Union. There is a reason. Superior laying qualities average 170 eggs per hen. Superior exhibition qualities. Winners Chicago, Milwaukee, New York and Boston. Over 2,000 breeders for sale. Write for prices. Send for catalogue.

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We are offering some real bargains in this year's breeding stock of land and water fowls. Let me know your wants and send for free catalog. **B. F. Kahler**, Vice-President W. H. Iamsport Poultry Association, Box A, Hughesville Pennsylvania.

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Winners wherever shown and unexcelled as heavy layers. At Cleveland, 1910, won 1st ckl., 2d ckl., 2d hen, 3d pullet, 4th pullet on five entries. Stock for sale.

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A fine bunch of youngsters growing, breeding stock for sale.

J. G. VanDyk, Sta. C, Grand Rapids, Michigan

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WHITE ROCKS & R. C. WHITE LEGHORNS

Special prices on R. C. White Leghorn cockerels. In lots of three or more, \$1.50 each, for this month. Satisfaction guaranteed.

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Raised on 150 acres of free range. Tell us your wants.

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ALPHA MEAL

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Great Egg Producer

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For Health, Vigor, Strength

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No concern in America can put up a better grade. Send for prices and your dealer's name.

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A to Z

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One hundred pages, handsomely illustrated. The best ever published on the subject, because it goes into details; illustrates and describes all the leading varieties.

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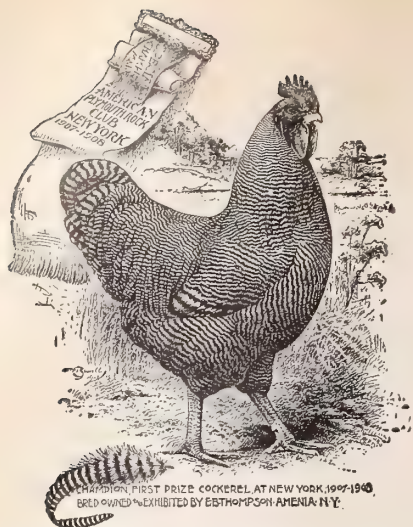
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It not only describes and illustrates the leading varieties, but tells you all about the mating, care and keeping. Articles by America's foremost breeders and best authorities. No Bantam or Pigeon breeder can afford to be without this valuable guide.

Price 50c or with a year's subscription to The Poultry Item, the largest and best eastern poultry journal, 75c

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First Prize "Ringlet" Cockerel and Winner of Special Prize for Champion Male at Madison Square Garden, New York, Winter of 1908, from Photograph.

Worth More Money than Any Barred Rock ever Produced, Living or Dead

birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

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"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

SWEEPSTAKES CHAMPIONS —AT— New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials.

Special Sale For This Month

Four one- and two-year-old hens, mated to a yearling cock, for \$10. Trios \$8. Just one-half their real value. Write for price list of other bargains. Please mention American Poultry Journal.

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The "Norwich" Automatic Exerciser & Feeder

Is recognized by the leading poultrymen of the United States as the best, simplest and most practical Automatic Feeder and Exerciser on the market. It is GUARANTEED to be absolutely RAT, SPARROW and WEATHER proof. The same machine will feed four-weeks'-old chicks, growing stock and breeders or layers. Saves its cost in feed and labor six times a year. Increases egg production, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Very simple in construction and operation; will not get out of repair and will last a life time. Send for our booklet explaining our 30-day free trial offer. We will also mail our Barred Rock or Light Brahma catalogue for 10c in silver or stamps. State which breed you want. But the Feeder booklet is free. Ask for it. Address

River Home Poultry Yards, Box B, Perrysburg, Ohio

VOL. 41

OCTOBER, 1910

NO. 10

AMERICAN POULTRY JOURNAL



EXCEPTIONAL S. C. W. LEGHORNS AND BARRED PLY. ROCKS

Our birds hatched in January, February and March are now in the pink of condition for the early fall shows. We have exceptional birds in both varieties. We also have some of our fine breeding stock left, and will dispose of it at very reasonable prices. Send for particulars.

PINE TOP POULTRY FARM Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns
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Free catalog, with photographs, descriptions and prices on 3,000 R. I. Red ckls. and pullets, bred from the world's best stock, the finest that has ever appeared at N. Y., Boston, Chicago, Detroit, etc. Also 1- and 2-yr.-old exhibition and utility birds; both combs. Every bird guaranteed to please. : : :
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COVERT'S BARRED ROCKS

HIGHLAND STRAIN

60 GRAND EXHIBITION BIRDS—10 Cocks and 50 Hens

Grand birds ready to show at fall and winter shows and they have the quality to win in hot company. The quality of these birds will surprise and please you and my prices are reasonable. Order early and get just what you want. ALSO some grand breeding birds in cocks and hens, thoroughbred Highland strain, the kind from which I breed my Chicago, Cleveland and Buffalo winners.

REMEMBER: My grand cockerel line produces these sensational narrow barred fellows and absolutely free from metallic or brassiness. I have lots of fine specimens ready for November delivery. Exhibition pullets now ready. Catalogue free. Write for prices.

Covert's Barred Rock Farm

Willoughby, Ohio

IF YOU WANT TO WIN

Bickerdike's Pedigreed White Rocks

will land the ribbons for you. Last season our birds won highest honors at America's leading shows. Conclusive evidence that we have the quality. This year they are better than ever. If you want birds that win, write your wants. Circular free. : : : :

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ORPINGTON COCKERELS

We must have room at once—here is the chance of the year. For one month we will give a \$5 cockerel for \$3, a \$7.50 cockerel for \$5, a \$10 cockerel for \$7.50 and a \$15 cockerel for \$10.

Here is a chance to get pure Empress-Nabob blood in BLACKS—Sons of Crystal Palace winners of THIS YEAR in WHITES and BUFFS, cockerels from the strain that won championship of America under Stanfield.

Here is type and size as well as color. All cockerels sold in this sale guaranteed to please.

ORPINGTON MAGAZINE, now ready, 25 cents a year.

Note: The Cheviot Farms announce the addition of the famous Richter White and Buff Leghorns, (S. C.) Mr. Richter remaining in charge of the mating and breeding of these birds. No Leghorns in this section have won more prizes at Indianapolis, Cincinnati and the state fairs, including sweepstakes for best display. These birds measure up the Cheviot Farms' standard. No more need be said. A few ckls. only to spare.

The Cheviot Farms, Milton Brown, Prop., Sta. L, Cincinnati, O.

Buff and White Orpingtons

The Oldest Specialty Breeders in the U. S.—Our show record on Buffs at Madison Square Garden is unequalled—winning silver cup for best display, showing only nine birds and having seven points more than our nearest competitor. In same show also won handsome silver cup for best cockerel. Our winnings at Chicago, where we won more firsts than all competitors, can not be equalled. Can there be any question where you should order your stock and eggs? Send for free mating list. We are quoting special prices to close out some grand breeding stock at this time. We breed for quality, health, vigor and egg production. Write us your wants.

J. M. Williams & Co. : Box B : North Adams, Michigan

Dillon & Bell Win

All varieties at Chicago Great Mid-West Show, December, 1909; Cincinnati, Ohio, Show, December, 1909; Youngstown, Ohio, State Branch A. P. A. Show, January, 1910; Boston, Mass., 1910 Show, and Indianapolis, 1910, Show. We breed Golden White and Columbian Wyandottes, Rose and Single Comb R. I. Red and Single Comb Buff Orpingtons. Farm raised stock for sale. Egg orders booked now; \$1.50 to \$5 per 15. List of winnings and matings free. Write your wants to

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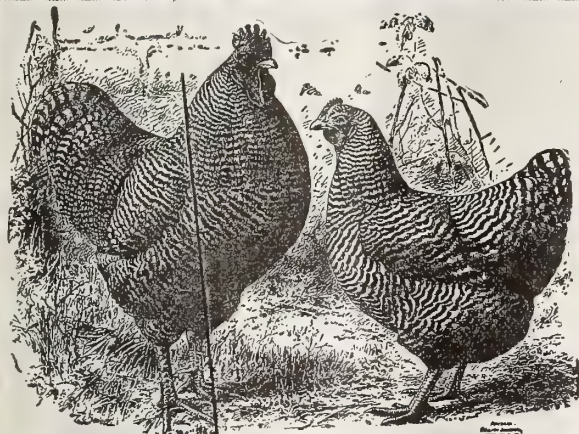
WHITE ROCKS AND WHITE WYANDOTTES

If you have been DISPLEASED and would be PLEASED, we would be PLEASED to have your orders. If you PLEASE TO WRITE US, then we would all be PLEASED, and you would be so WELL PLEASED you will recommend us to your FRIENDS, that they may be PLEASED also. Remember, we have bred the FIRST CKL. AT MADISON SQUARE GARDEN, N. Y., 3 successive years—1908-9-10. Also the FIRST BOSTON CKL, 1910. This alone will convince you that we have the birds to furnish you with winners at the coming fall and winter shows. Remember again, WE BREED ALL OF OUR BIRDS, and have several hundred of the most promising lot of young stock we have ever bred and raised, and we only ask you to WRITE US for information regarding same, as to prices and fitting for exhibition purposes if desired. WE GUARANTEE to give you ENTIRE SATISFACTION if your order is placed with us, as we have letter after letter from our last season's customers who were well satisfied. All letters answered promptly, and any information will be given cheerfully. WRITE US TODAY. Our motto is promptness, fidelity, quality and satisfaction.

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Mrs. S. H. Graves

Route 3, Southboro, Massachusetts



BURHANS' PURE BRED PRIZE WINNING FOWLS

MY SPECIALTIES:

All Breeds Plymouth Rocks All the Orpingtons
All Varieties Wyandottes All the R. I. Reds

I breed all varieties of birds as above and breed them in their highest excellence. The newer varieties, such as Silver Penciled Plymouth Rocks, Partridge Rocks, Columbian Rocks, Columbian 'Dottes, are here in my yards in all their gorgeousness. I have one thousand head to offer to the trade, all bred from my choicest pedigree matings and direct from the yards of the originators and winners at Chicago, Boston, New York, Buffalo and the big state shows. My big annual poultry book filled with practical matter and full of the secrets of success for two red stamps to pay postage.

Also breed Cornish, Buckeyes, Pit Games and Bantams. My yards are the most complete in the northwest. I make a specialty of breeding trios at ten and fifteen dollars. Every bird banded with my name on sealed band to insure quality. I bear in mind that you want something better than you have. Let me know what you want.

BREEDER : EXPORTER : IMPORTER

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STANDARD LINE-BRED

S. C. WHITE LEGHORNS

EXCLUSIVELY : : : : THEY LAY WHILE OTHER BREEDS SLEEP

Chicago Winnings

At the last great show, December 7-12, 1909, in the largest entry and the strongest competition ever shown at Chicago: 1st, 2d, 3d cock; 1st, 2d, 3d hen; 1st, 2d, 3d pullet; 2d, 3d, 4th, 5th cockerel; 1st pen. Exhibition birds of the highest quality will be ready for the fall and early winter shows. My stock in customers' hands won firsts in most of the leading shows last winter and will do it again.

Do You Want the Winners in Your Show?

If so, get in touch with me and state your wants. I still have a few yearling hens which I can sell at reduced prices in pens mated up to this year's cockerels sired by my Chicago Winners. Come quick. Thousands of young stock better than ever to offer soon. Inclose ten cents in stamps or coin for the finest S. C. W. Leghorn catalogue published. Every inquiry or order has my personal, prompt, and careful attention. Prices low considering quality.



First Cock, Chicago, 1909

PARKSIDE POULTRY FARM, N. P. EASLING, Prop., BOX 40, PEKIN, ILLINOIS
Largest S. C. White Leghorn Poultry Farm in the Middle West

THE HARVESTER STRAINS

CHAMPIONS—Six firsts on six entries,
Columbians—four firsts on four entries,
S. C. White. This talks. Enough said.

H. A. D. LEGGETT 21 ROWLEY STREET
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Yes, I am new in the advertising world, but old in the business of raising standard bred poultry. Duston's Strain White Wyandottes exclusively. Buy one or more cockerels this fall and I know you will send for more next year after you see what they will produce for you. Also have a few genuine Spanish Maltese Milch goats for sale, either sex.

Dr. B. Smyth, Yankton, So. Dakota

OLD DOMINION STRAIN

Barred Ply. Rocks

First and fourth prizes at Washington, D. C., 1910. Fine lot of prize winners for sale. Price right; satisfaction guaranteed.

CHAS. C. WINE
R. F. D. No. 1, Mt. Sidney, Virginia

S. C. W. LEGHORNS

"WINCOE" STRAIN

I have a few good cockerels to spare at reasonable prices.

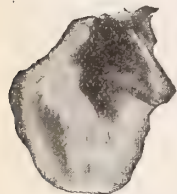
Allan J. Coe

131 No. 5th Street Springfield, Illinois

LEGHORNS

150 acres devoted to standard bred S. C. W. Leghorns for the production of winter eggs. 1500 breeders for sale. Also 1000 April pullets.

Wilson Farm :: Morristown, New Jersey



SCOTCH COLLIE SALE!

Puppies, brood matrons and stud dogs from imported stock. Give description of what you want and save me describing all I have. Price will be governed according to age, sex and quality. Book on training, 25 cents.

F. B. Clark :: Bloomington, Ill.
Sunnybrae Kennels



Successful Egg Farming

Among people who can afford luxuries there is great demand for a regular supply of fresh eggs. The few growers who can furnish them regularly, winter and summer alike get very high prices.

The Corning Egg-Book

(entitled "\$6.41 per Hen per Year"), tells how two men, in poor health, starting four years ago with only thirty hens, made from their little egg-farm a clear profit of over \$12,000 last year. It tells all about their experience, their failures, their methods and how others men or women, with good sense, care and faithful work can make money in the same way. Not a detail left out.

The Corning Egg-Book is sold in combination with the Farm Journal, Philadelphia, Pa., and we have made arrangements to make this

Special Offer

For \$1.00 (cash, money order or check) we will send postpaid the Corning Egg-Book and the Farm Journal for two years, and American Poultry Advocate 2 years, all for \$1 if order is sent at once to

American Poultry Advocate
727 Hogan Block, Syracuse, New York

"RINGLET" BARRED PLY. ROCKS

In their purity and positively the very best. Our birds made another clean sweep at the Wis. State Show, 1910. Our prices are right and we positively guarantee to please you or refund your money cheerfully. Our 32-page catalog, containing show record and scores of strong unsolicited testimonials from our customers, will convince you of the truthfulness of every claim we make. Sincerely yours,

KING BROTHERS

OSHKOSH, WISCONSIN

BIE'S BARRED PLYMOUTH ROCKS

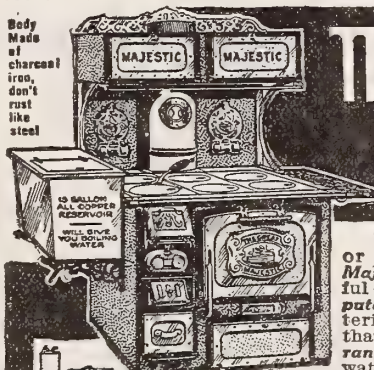
At four large shows, i. e., Kenosha, Chicago, Milwaukee and Waukesha, during the past season, we won 8 firsts, 4 seconds; 7 thirds, 6 fourths, silver cup and several shape and color specials and at Milwaukee, besides winning 1, 2, 4, 6, 7, 9 and 10 on pullets, we won the grand specials for best display in the American class. Our prize winners and their sires and dams are all in our yards from which we will sell eggs at \$5 per 15; \$9 per 30; \$12 per 45. Half price after May 15th. Will also sell 10 males and 40 females that are in our breeding yards at a great sacrifice.

Geo. H. Bie :: Racine, Wisconsin

WORLD'S FOREMOST WHITE WYANDOTTES

REMEMBER, I have been breeding many of the most noted winners for past fifteen years for the leading shows of the UNITED STATES AND CANADA. Many owe their SUCCESS to my strain. Past year I bred the winners for MADISON SQUARE, N. Y., ALASKA-YUKON EXPOSITION AT SEATTLE, CHICAGO, KANSAS CITY, LOUISVILLE, KY., INDIANAPOLIS, PITTSBURG, PA., McKEESPORT, PA., YOUNGSTOWN, O., BOSTON, MONTREAL, OTTAWA, ONT., and several other shows all the past season, a record not equaled by any other breeder. These were prominent winners of many 1st prizes and specials for shape and color. My type is the ideal type and that is why they win under so many different judges. I have the best lot of young stock I ever had and many early ones ready for the early shows fit to win in any competition. Now all stock purchased can be returned at my expense if not satisfactory. If you have not had the results, try me. YOUR SUCCESS IS MY SUCCESS.

J. H. JACKSON :: LOCK BOX 88 :: HUDSON, MASS.



The Range With A Reputation

You don't want to buy a range every day, or every year, but when you do, the Great Majestic Range is worthy of your most careful consideration. It is a range with a reputation, built on honor of the best materials, and while the first cost may be more than some others, it outwears three ordinary ranges; this, and its fuel saving, baking and water heating qualities make it the cheapest in the end.

The Majestic is the only range made entirely of malleable iron and charcoal iron. Charcoal iron won't rust like Steel—Malleable iron can't break. Majestic Ranges have absolutely air tight joints like an engine boiler, because they are put together with rivets, and they stay air tight, because neither heat or cold can open them.

The Majestic is lined with pure asbestos board, 1/4 inch thick, covered with an iron grate and it's put there to stay—you can see it. This assures a steady, even, perfect baking heat and saves fully one-half your fuel.

The Great and Grand
A Perfect Baker
MAJESTIC
Malleable and Charcoal Iron
A Fuel Saver
RANGE

The reservoir is all copper and heats like a tea kettle through a copper pocket, stamped from one piece of copper, setting against left hand lining of fire box. It boils 15 gallons of water in a very few minutes and by turning a lever the frame—and reservoir—move away from the fire. This feature is patented and is used only in the Majestic.

All doors drop down and form perfect and rigid shelves. Malleable iron oven racks slide out automatically, holding anything they contain. The open end of a pan does away with the shoveling of ashes out of ash pit. The ventilated ash pit prevents the floor from catching on fire and the ash cap catches the ashes that would otherwise fall to the floor.

No springs anywhere to weaken, or get out of order. It is the best range at any price—a range with a reputation and it should be in your kitchen. It is for sale by the best dealers in nearly every county in forty states. If you don't know who sells them in your vicinity, write us and we will send you our book, Range Comparison. Everyone who is thinking of buying a new range should first read this booklet.

Majestic Manufacturing Co., Dept 18 St. Louis, Mo.

It Should Be In Your Kitchen

Chickens Noted For Success

ARE WHAT YOU WANT

The Newtown White Leghorn chickens are world-famous for purity of strain, vitality, egg-laying qualities, exhibition purposes—in short for money-getting. These are the points you want in your stock if you mean to be successful in chicken raising. We are ready for your orders now in

Breeding Stock and Exhibition Birds

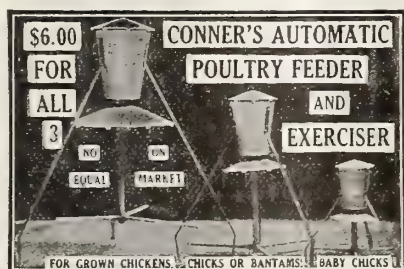
FROM

Poultry of Proven Profit

Write us today just what you want for the present or for the future, and we will give you the benefit of our experience and success. You'll never regret that first letter addressed to the

Newtown Producing Co., Box 173, Newtown, Bucks Co., Pa.

INVESTIGATE



- It feeds, exercises and keeps your chickens healthy.
- It will increase egg yield with less feed bill.
- It will save time, labor, feed and scratching material.
- It will feed your chicks and keep them growing and healthy.
- It will keep old hens from getting too fat; hence more eggs.
- It will pay to buy a feeder if you have only ten hens.
- It feeds all kinds of grain without being regulated.
- It will prevent you from having any drones in your flock.
- It will keep sparrows, rats and mice from getting your profits.
- It can be used either inside or outdoors, being rain proof.

What Others Say

MESSRS. GILBERT BROS. & WAKELEY, of Knoxville, Pa., write:

The Self Feeders which we bought of you are all you claim them to be. Their practicability far exceeded our expectations, and we hope to use more of them later on.

MR. H. F. BERGNER, of South Chicago, Ill., says:

I am pleased to inform you that the shipment of Automatic Exercisers and Feeders was received in good order, and are now installed in my yards.

I am indeed surprised at the saving of feed, as I have always been troubled with a large flock of sparrows. This trouble is now a thing of the past, and not a grain is lost or wasted, and I think a Feeder will pay for itself at the present price of feed in about 30 days at the rate I have been losing it, to say nothing about the saving of time. I have always fed my birds two or three times a day; now I fill the hopper once a week and the chickens do the rest.

I congratulate you on having produced something that fills a long felt want, especially eliminating the trouble caused by sparrows. It is also rat and mice proof, and should be in every yard where poultry is kept, whether on a large or small scale.

MR. HERBERT STRONG, of Chatham, N. J., writes us:

Your Automatic Feeders were received by me, and after giving them a thorough trial I am convinced that they are all right, for the following reasons: They save a great deal of waste and loss of feed; the pens in which I have the Feeders require about 25 per cent less feed than the others. They will not overfatten themselves with these Feeders, as they have to do their work before getting the grain. It requires about 10 days for a hen to get used to operating it perfectly.

Prices

No. 1: Ht. 42 ins., Capacity 10 qts.	No. 2: Ht. 27 ins., Capacity 5 qts.	No. 3: Ht. 18 ins., Capacity 5 pts.
1 Feeder, \$2.50	1 Feeder, \$2.25	1 Feeder, \$2.00
2 Feeders, 4.50	2 Feeders, 4.25	2 Feeders, 3.75
3 " 6.25	3 " 6.00	3 " 5.50
4 " 8.00	4 " 7.75	4 " 7.25
5 " 9.75	5 " 9.25	5 " 8.50
6 " 11.25	6 " 10.50	6 " 9.25
12 " 22.00	12 " 20.00	12 " 18.00

One Set (one of each size) for \$6.00

This ad tells enough : To save time and correspondence order at once : Satisfaction guaranteed

W. M. Conner, Inventor and Manufacturer, Jersey City, New Jersey

Maplehurst Farm

Barred Rocks and Black Orpingtons, winners at the best shows. Stock and eggs in season.

George M. Benham, :: Canandaigua, New York



With Ratite. No danger. No odors.
PASTEUR VACCINE CO., LD.
Room 855, 325 Dearborn Street, Chicago, Ill.

WANTED**Subscription Solicitors**

We want a representative at every poultry show in America. We have a remarkably liberal offer for you this season. Our solicitors often clean up \$25 and \$30 per week. You can do the same. Write for full particulars today.

POULTRY POST

Circulation Department :- Goshen, Indiana

Show Birds**FOR SALE**

Cocks, Hens, Cockerels or Pullets—Our stock has won highest honors from coast to coast for our patrons as well as ourselves. 5,000 utility pullets, also cockerels and yearlings, at right prices. Catalogue free. Varieties—Orpingtons, Buff, Black and White; Plymouth Rocks, Barred, Buff and White; Leghorns, White, Brown, Buff and Black; Houdans; Brahmas; Minorcas; Wyandottes, White, Golden, Buff and Columbian; R. I. Reds, Rose and Single; Langshans; Games; Cochins; Ducks; Turkeys; Geese; also general pet stock. This is no side line with us, it is our entire business. Mention A. P. J. when writing.

ELM POULTRY YARDS AND STOCK FARMS
Established 1888 Hartford, Connecticut

LEGHORNS

Kulp's Wonderful Rose Comb Brown, 242-egg strain; **S. C. Brown**, 240-egg strain; both big winners at Madison Sq. Large birds, large eggs. Two of greatest strains bred.

S. C. White, big white 236-egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock; all breeds, for sale.

Barred Rocks (Bradley's) won \$100 cup, 1909, big finely barred birds and great layers.

S. C. and R. C. Rhode Island Reds (Tompkins').

I offer the finest big white cockerels of Rose Comb White Leghorns. The same grade of Rose and Single Comb Brown and Barred Rocks—hens and pullets.

W. W. KULP
Box 70, Pottstown, Penna.

Koehlinger's Columbian Wyandottes

I can supply your wants in SHOW BIRDS or SELECTED BREEDERS and guarantee satisfaction.

Philip Koehlinger 1414 E. Grant Avenue Fort Wayne, Indiana
Life Member American Poultry Association : : Sec'y-Treas. Col. Wyandotte Breeders' Association

Wyckoff's S. C. White Leghorns

Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in Standard Qualities. Remember that we are the originators and for more than thirty years specialty breeders of the justly celebrated Wyckoff strain of S. C. White Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. 3,000 choice yearling hens and cocks, and fine strong early cockerels must be sold at once to make room, and prices will be made especially attractive to early buyers. Send for catalogue and state wants as near as possible.

C. H. Wyckoff & Son :: Aurora, Cayuga County, New York

Barred Plymouth Rocks

Cockerel mating exclusively

W. H. Shaw : : Canton, Illinois

Show Birds

Poultrymen having fancy birds to exhibit at the approaching poultry shows should begin at once to use Little Red Hen Poultry Tonic. It will put the birds in fine condition for entry, bringing out every point to the best advantage.

We make this special appeal at this time particularly to attract the attention of the man who has birds for exhibition and because the show season is at hand. He should begin feeding this Tonic at once. It will make show birds look better; it will make hens lay more; the eggs will be more fertile and the chicks will be stronger and will grow faster. The good results obtained from the use of Little Red Hen Poultry Tonic will surprise any one using it for the first time and will furnish us a satisfied and continuous customer.

This Tonic is prepared and shipped in quadruple strength. 1 qt., \$1; 3 qts., \$2.75; 6 qts., \$5. Booklet free.

Wayne Poultry Tonic Co., 213 Shoaff Bldg., Fort Wayne, Indiana

Fairview White Rocks

Bred for size, shape, pure white plumage, fine head points and eggs. Choice young stock bred from my Louisville and New Albany winners. Cockerels, \$3, \$5, \$7 and \$10; pullets, \$2, \$3 and \$4 each. High-class exhibition stock a matter of special correspondence. Every bird guaranteed to please.

Guy Daily - - - **Jeffersonville, Indiana**

R. and S. C. Black Minorcas and R. C. Brown Leghorns

500 youngsters ready to win the blue at the fall fairs. Also prize-winning hens and cock birds for sale. Remember, we won 16 ribbons at the great Mo. State Show at St. Louis. You take no risk when you buy from us, as we guarantee satisfaction. Send 2 red stamps for 30-p. illustrated catalog, the most elaborate Minorca and Leghorn catalog ever published. Special price list free.

Edgemont Poultry Farm, W. O. Chase, Box B, Hillsboro, Ill.

BABY CHICKS WILL PAY YOU

Install a Candee Incu-Brooder and Make at Least 100 Per Cent Profit



YOU ONLY HEAT compartments in actual use. Exclusive Candee feature.

SEPARATE HEAT REGULATION of each compartment. Exclusive feature.

SIMPLICITY OF OPERATION,
requiring but two minutes night and
morning to fire.

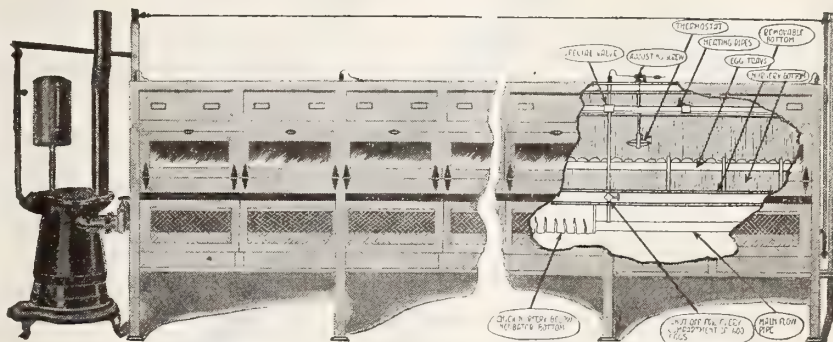
SECTIONAL CONSTRUCTION
which can be added to as your business
grows. Exclusive feature.

SANITARY TRAYS of zinc. Un-
necessary to raise or lower them. Ex-
clusive feature.

DOUBLE AUTOMATIC heat control, regardless of outside weather conditions. This is very important. Exclusive feature.

ITS LOW COST. Burns chestnut or pea coal and during February and March, 1910, it cost but 1½ cents per 1,000 eggs to operate.

WORKMANSHIP. Sections are made by machinery, from selected materials, resulting in absolute uniformity and quicker installation.



The Incu-Brooder is made with a capacity of 2,400 (smallest) to 20,000 eggs in sections of 600 each .

It Will Do the Same for You Conservative figures show that day old chicks bring at least 12 cents each, and using the Incu-Brooder, the total cost of eggs, labor, etc., is less than six cents, leaving a net profit of at least 100 per cent. Many can do better. For instance, the Yesterlaid Egg Farms Company, of Pacific, Mo., writes that it recently secured a hatch of 957 good chicks out of 1286 untested eggs set, or from 50 to 55 chicks out of every 65 eggs set.

Candee Hot Water Brooding Systems

**First, Last and always the
cheapest. Even the first cost
is cheaper than for oil ma-
chines of the same size.**

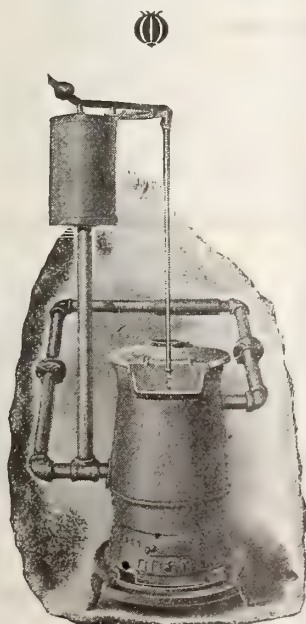
No Possible Danger. There is no chance for deadly fumes like from oil, and hot water is absolutely safe.

Operating Expense. This is far below cost of oil, without considering the vast difference of time between tending the heater and filling and trimming lamps.

Healthy Chicks. Hot water is the healthiest heat and the healthiest chicks result. This means better prices.

Let Us Send You Our Catalogue

Our catalogue tells all the facts about the Candee Incu-Brooder, hot water brooding system, our unequalled hovers, hot water and steam heating plants, greenhouse and dairy outfits. A post card request will bring it to you free and postpaid.



Candee Brooder Heater and Pipe Connections

**CANDEE INCUBATOR AND BROODER
COMPANY** Department 2, DeWitt, N. Y.

Department 2, DeWitt, N. Y.



I Tell You How

I made \$3,600.00 in one season from 30 hens, on a lot 24x40, by feeding the scraps from my table three times a day. I'll give you the names of those who paid me over \$2,000 for the eggs alone from these fowls—you can refer to them.

I'll tell you how I make my chickens weigh 2 1-2 pounds at 8 weeks of age.

I tell how I prepared my chickens for the show room, so that I won over 90 per cent of all the blue ribbons offered during 1907 and 1908. This has never been published before.

How I raise ninety-eight chickens out of a hundred that I hatch—how I feed my chickens for egg production—how I keep them healthy and free from disease—how I tell the layer from the poor layer—how I break up my broody hens without injuring them. I tell you how to pack eggs to keep them fresh—how I mate my chickens for breeding and fertility—how I run my incubators and supply moisture—how I raised my famous \$10,000.00 hen, "Peggy"—how I bred my big egg-laying strain. I tell you all about broiler plants, egg plants, etc.

I tell you about everything that is necessary to success in the poultry business.

It also gives you my opinion and experience that I have had with advertising solicitors of poultry journals.

It also gives you my opinion and experience that I have had with poultry judges in the show room, and why, in my opinion, the little fellow don't get what he thinks he ought to have in the show room. I tell it just as I have seen it and experienced it. There are several pages in this book taken from my records, and from my cash book and ledger. There are no secrets—I tell it all.

See what others say on opposite page.



"I Made \$18,178.53

NET PROFIT

In One Year, Selling Chickens & Eggs"

I took a flock of 1,638 chickens and made them net me a profit of \$11.09 per bird in 12 months' time.

My farm and books are open for inspection to any State Poultry Experimental Station. If your station doesn't find the above statements true, I'll donate \$1,000.00 in cash to your institute.

My New Poultry Book Tells How I Did It.

It covers all branches—it tells everything necessary to success with poultry. It tells you what I have done—how I started.



Try my way and you can raise them by the thousands

It shows you a picture of the first hen house I built, 6x6 feet in size. It contains over 50 full-page pictures of buildings and views taken on my farm. It was written from actual experience



Send \$1.00—and a Copy of the Latest Revised Edition of the Book Will be Sent You by Return Mail.

Address ERNEST KELLERSTRASS, Publisher

8143 WESTPORT ROAD
KANSAS CITY, MISSOURI

NOTE—Ask the editor of this Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.

“KELLERSTRASS WAY”

The Kellerstrass Farm,
Kansas City, Mo.

Burnett, Cal.

I received your book sent me Saturday a. m. It would have been worth to me \$500.00 if I had had it last spring. "Good Book," common sense learned by hard-earned experience. Worth \$1,000.00 to me. Respt.,

L. R. HAYWARD.

Clinton, Ia.

Kellerstrass Farm,
Kansas City, Mo.

The book, "The Kellerstrass Way of Raising Poultry," received, and will say it is the most sensible and practical book on poultry that I have ever read, and I would not part with it for ten times its price if I could not get another one. Very truly yours,

H. C. HEINSEN.

Albany, N. Y.

Ernest Kellerstrass.

Dear Sir:—I received your book. Comparatively speaking, it is WORTH MORE MONEY.

Very truly yours,

GEO. W. CAMPBELL.

The American White Orpington Club,
Richmond, Va.

Dear Mr. Kellerstrass:

Received the book O. K., and it certainly is brim full of meat; you have the other fellows beat a mile for real down-to-earth information, and I have all of the books, as well as some practical experience in the 15 years I have been breeding.

Fraternally,
F. S. BULLINGTON.

Hurst Pierrepont,
Garrison-on-Hudson, N. Y.

Mr. Kellerstrass

I have read your book with deep interest, and want the satisfaction and pleasure of telling you how much I admire your wonderful enterprise, your unbounded success and your most beautiful and peerless poultry. I have the greatest wish to visit your farm, and as I am honored with a permit, I hope some day to avail myself of the privilege.

It must be a great satisfaction and joy to you to have been able to do all you have done, and to have given inspiration to very many people.

It is not probable that it would be possible for anyone to excel you. You have no doubt brought poultry raising up to the goal of excellence, but if in the future there should happen to be others capable of following your great example, you will have reason to rejoice that you were the first to give them such an inspiration. What greater good can we do in the world than to be an example so perfect in whatever way that others may desire and succeed in following. What most people need is inspiration. Many talents lie dormant. The desire has not been roused to put forth interested efforts.

When one such as you and Luther Burbank come to the fore it has the effect of stirring desire and ambition. Blessed are such individuals; they have accomplished a great work, and posterity will not forget them.

Sincerely yours,

M. BECKWITH.

Winchester, Kans.

Dear Sir:—Received the book all O. K. this a. m. and find same very interesting and full of GOOD SOUND LOGIC.

Yours truly,

CHAS. FORSYTHE.

Mr. E. Kellerstrass,
Kansas City, Mo.

Buffalo, N. Y.

Dear Sir:—Received your book all right. Am well pleased with book; best dollar's worth I have ever received.

Yours truly,

CHAS. P. GOETZ.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Adah, Pa.

Dear Friend:—The book at hand. I got so much interested in the book that I couldn't lay it down. It is the best book that I ever opened on poultry talk. I think every person that has a bird on his lot or farm should have one of these books. I was surprised when I read where you opened those chicks and found lath nails and tacks in their craws. I never heard of such a thing; it stands to reason that would kill them.

H. M. GROVER.

Irrington, N. J.

Ernest Kellerstrass:

Dear Sir:—Received your poultry book; it is worth many times the price, and should be in the hands of everyone handling chickens, as it contains information that would take many years to learn.

Yours very truly,

JOHN SELFELDER.

Kellerstrass Farm,
Ernest Kellerstrass, Prop.,
Kansas City, Mo.

Elyria, Ohio.

Dear Sir:—I was very much interested in your book, as I believe that it gets closer to nature than any other book that I have seen, and am much interested in your Crystal White Orpingtons.

Yours very truly,

H. H. CLOUGH.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Augusta, Ga.

Dear Sir:—Yours of a recent date to hand, also your book of "Kellerstrass Way of Raising Poultry," which I appreciate very much. I must say I think more of it than all the other books I have ever received.

Thanking you again for the book you sent me, and assuring you that I am and will from now on follow your way and no other,

Yours truly,

G. K. JOHNSON.

Hot Springs, Ark.

Mr. Ernest Kellerstrass.

Dear Sir:—Please excuse my apparent slothfulness. I have not had a chance to write to you since I received the book. I would not take three times the cost of it for it. It is all good common sense, and no man could have known it without experience, and it takes time to find out such. I am a thousand times obliged to you. I feel as if you had given it to me. I am not a breeder of any particular breed. I just raise a few for home use, but I like to make them pay. I am an admirer of the work and hope in the near future to go in it for a business.

Thanking you again, I am,

Respectfully yours,

R. S. TONEY.

Grey Bull, Wyo.

Received book all right. It suits me fine. Is worth its money in any man's country. Yours as ever,

J. T. ROBINSON.

Oklahoma City, Okla.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Your late poultry book received, and I have received very much valuable information therefrom. I believe I can now begin the poultry business intelligently and successfully.

Very respectfully,

T. W. SHACKELFORD.

Jennings, Kans.

Ernest Kellerstrass.

Dear Sir:—Enclosed please find \$1.00 for your book, "My New Poultry Book." Your ad. was sent me by one who has your book and thinks it is a grand book.

MRS. C. H. DANLEY.

Calgary, Alta, Can.

To Kellerstrass Poultry Farm,
Kansas City, Mo.

Dear Sir:—Received your book O. K., for which I thank you for the quick reply, and having read it through, may say that in my estimation the book is worth its weight in gold to anyone who has or takes interest in poultry.

Yours truly,

B. DICKINSON.

Victoria, B. C.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Received your poultry book and enjoyed reading it. I like that kind of language you talk. Your book cheers me up, and I have decided now to go into the poultry business.

Yours truly,

WM. COLLEN.

Asbury, Mo.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—I like the book fine, and would not part with some of the information for many times the price of book.

Very truly yours,

C. J. RHOADS.

Birmingham, Ala.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Sir:—Have just received your book—found it very interesting. Am sure it will be of much help to me. Don't see how I could do without it.

Yours truly,

J. W. GILLESPIE.

Brandon, Manitoba.

Mr. Ernest Kellerstrass.

Dear Sir:—I received your book, and think it far ahead of all others. Everything so plain and to the point.

I remain,

S. E. WOODLEY.

Chicago, Ill.

Mr. Ernest Kellerstrass.

Dear Sir:—I have your late book on your way of raising poultry, and have been reading it. Am very much taken with your way—am proud of my book.

W. PICKENS.

New York City.

Ernest Kellerstrass,
Westport Station,
Kansas City, Mo.

Dear Sir:—Please find enclosed check for \$2.00 for two copies of your "New Book on Poultry." I received a copy of this book from you some weeks ago, but it was so admired by a friend that I gave it to him, and now want one for my own use.

Very truly yours,

THEODORE CRANE.

BUFF WYANDOTTES

Naegele's Strain. I am disposing of my breeders. An opportunity to get some good stock reasonable. 14 prizes at last show here. 1,100 eggs in Jan. and 1,341 in Feb from 100 hens. Frank Naegele, R. 2, Peoria, Ill.

RHODE ISLAND REDS

Wellington Red Strain of Rose and Single Combs. Fine breeders and youngsters for sale at reasonable prices. Send for catalogue and price list.

E. W. Phillips Box A Wellington, Ohio

Columbian Wyandottes

Good breeders at \$1.50 each. Show birds very reasonable; winners at the good shows. Write us.

Canfield & King, Box A27, Painesville, Ohio

CLOSE-TO-NATURE

Brooders, Hovers, Incubators. Warmth by conduction; ventilation by induction; non-crowding invention.

38 Front St., Colfax, Iowa

"CREL OLL"

Guaranteed to cure White Diarrhoea, Roup, Colds, Gapes, etc., in chicks; also to kill lice, etc.

Caledonia Chemical Co., Caledonia, New York

EGGS! EGGS! EGGS!

for hatching from my prize winning strain only. \$3 per 15; 2 settings for \$5. Order now from this ad. Creve Coeur Poul. Farm, Louis Rausch, Creve Coeur, Mo.

R. C. R. I. REDS

Cockerels from \$2.00 up.

Edgedale Poultry Plant, Wheeling, West Virginia

Lee-Smith's Single Comb Rhode Island Reds

1909—Vigor and Vitality Win—1910 First cockerel. East Orange, N. J.; 3d cockerel, Madison Square Garden. Few choice cockerels for sale. Eggs for hatching.

Dr. M. Lee-Smith, Watertown, N. Y.

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Champions of Madison Square Garden means champions of the world, five out of eight champions at the last four shows. Grand breeding and show birds for sale.

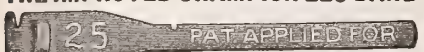
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SACRIFICE SALE OF WYANDOTTES

We offer 500 head of the finest Silver, Golden and White Wyandottes out of this year's matings, including 100 great cockerels, less than half price, to make room for young stock. These birds are out of our New York and Chicago winners. Eggs now at \$1.50 per setting; also fine Collie pups. Large circular.

Ira C. Keller, Box 75, Prospect, Ohio

THE IMPROVED CHAMPION LEG BAND

Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off.

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Can't be removed without destroying band; six sizes; sealer free. Numbered consecutive; no duplicates will be made. **THE SUPERIOR**



Positive lock, can't lose off; six sizes; always state breed and sex. Either kind, postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. Initials extra on Champion only, 10c per 100; 50 or less, 5c. Also Pigeon Bands. Stamp for one sample free. Circular free.

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First prize and silver cup winners at Chicago, St. Louis, Springfield and Galesburg, 1908-1910. A few choice breeding hens for sale; also some of my prize winners. Send for special sale list. Catalogue free.

Robt. D. Parmenter - Knoxville, Illinois

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They win everywhere. New York, Boston, Buffalo, Hartford, Springfield, Mass., and wherever shown. I guarantee to please you and want your business. A few fine birds for sale. I also have a few fine R. C. R. I. Reds again this season, the reason I have only a few birds for sale is when I get a customer I always keep him as I try to please him.

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YOUR **1910** SHOWS?

My cocks, cockerels, hens and pullets, bred from "The Champion Sunswick Strain," will make WINNERS for you. All are grand in size, type and color. State your competition, we can supply your needs at reasonable prices for quality. : : Sunswick Poultry Farm : : South Plainfield, N. J. Send For Literature Rufus Delafield, Owner Inspection invited

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Light Brahmas AND Barred Ply. Rocks

We have published two of the handsomest poultry catalogs that have ever been put out. One of them tells about our Light Brahmas, and contains beautiful unretouched photographs of our Light Brahmas, and the other catalog is equally as beautiful and contains photographs of our Barred Plymouth Rocks, and tells all about them. The catalogs cost us 40c each when we order thousands at a time. Send 10c today, telling us which variety you want, and we will mail you a catalog telling all about our N. Y., Chicago, Toledo, Detroit and Indianapolis winners.

We want now to tell you on this page about the

Norwich Automatic Exerciser and Feeder

We found by experience in our own yards that the Norwiche Automatic Exerciser and Feeder is the greatest invention in poultrydom. We finally installed over fifty of them in our own yards, and have used them for about two years. They have saved us their cost in feed at least four times every year, and the saving in labor amounts to even more than the saving in feed. We had no intention when we purchased the Exercisers and Feeders of taking the agency for their sale, but the merits of the Exerciser and Feeder are so great that we simply felt compelled to tell other poultry breeders about them just as a matter of duty. So many people saw our Exercisers and Feeders and wanted to buy them right at our yards that we finally were forced to ask for the agency in order to supply the demand, and the demand has now become so great that we are buying the Exercisers and Feeders in carload lots and are shipping them out as fast as we can get them from the factory.

The Norwiche Automatic Exerciser and Feeder is practical and simple. The price of grain will be higher this fall, and this Exerciser and Feeder will cut your bill one-fourth by preventing all waste. Yards, whether large or small, equipped with it are entirely free from sparrows and rats, because there is no feed laying around to attract or feed them. It saves time and labor. Fill the hopper once or twice a week and your birds will do the rest. They will take better care of themselves than you can. You can adjust it for birds six

weeks' old and over so that they can get just enough and no more. They cannot gorge themselves, and yet will never go hungry.

The Exercisers and Feeders are made in four sizes, and are equally valuable and useful on the city lot and to the largest breeder. Every chicken in the United States should get its feed from one of these machines.

GUARANTEE

Every Norwiche Automatic Exerciser and Feeder is sold under the following positive guarantee:

- 1st: It will pay for itself in the saving of grain in ninety days at the present price of grain.
- 2d: It is absolutely RAT and BIRD proof.
- 3d: It is absolutely RAIN and DAMP proof, and the enormous loss of grain from feed becoming damp by lying on the ground will be eliminated.
- 4th: Every kernel of grain put in the hopper will go into your flock, and not a grain will be lost from any cause.
- 5th: The labor of feeding, except filling the hopper when empty, will be eliminated. On large plants one boy can do the feeding for 1000 pens.
- 6th: The exercise given by the action of the machine is just sufficient to keep the flock in perfect condition. Too much exercise is equally as bad as too little. Our machine strikes the happy medium.
- 7th: The machine will increase the growth of young stock more than any other method of feeding, and will increase the egg production twenty per cent.

The machine is light and easily moved outdoors in summer and indoors in winter. It is manufactured entirely of metal and is not affected by weather conditions. It is inexpensive.

We are the exclusive general agents and distributors for the Norwiche Automatic Exerciser and Feeder in the following states:

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KENTUCKY	SO. DAKOTA
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MINNESOTA	W. VIRGINIA
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If you live in any of the above states write to us for our free booklet telling about the Norwiche Automatic Exerciser and Feeder, and explaining our free 30-day trial offer.

If you do not live in any of the above states, write to the Norwiche Automatic Feeder Co., Norwiche, Connecticut.

Remember, if you are interested in Light Brahmas or Barred Plymouth Rocks, send 10c in silver or stamps for our handsome catalog, telling us which variety you want, but in any event send today for our free booklet telling all about the Norwiche Automatic Exerciser and Feeder and our FREE 30-DAY TRIAL OFFER.

COUPON

Fill out this coupon and mail it today. Draw a line through the name of the breed you do not want, or draw lines through both Light Brahma and Barred Plymouth Rock if you only want the Norwiche Automatic Exerciser and Feeder booklet.

River Home Poultry Yards,
Box B, Perrysburg, Ohio.

Please mail me your Light Brahma Barred P. Rock catalogue, for which I enclose 10c.

Also send me your free Norwiche Automatic Exerciser and Feeder booklet telling about the thirty days' free trial offer.

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The winners at Chicago and wherever shown. Black Wyandottes, 23 years breeding back of my strain. Birds for sale. F. M. CLEMANS, Mechanicsburg, O.

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Chicago first prize winners. Buy your eggs from the yards that have produced Blue Ribbons the last 3 years at Chicago and other large shows. Send for circular.

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The kind that wins, pays and lays.

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WHITE PLY. ROCKS... WHITE WYANDOTTES

A few choice breeders for sale now at bargain prices. Young stock in the fall. Satisfaction guaranteed.

J. M. Moore, Jr. : Unadilla, New York

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This ad will not appear again. I am now offering my entire flock of Buff Leghorns and Columbian Wyandottes at special bargain prices. Write for my last year's show winnings. My birds have pleased others; they can please you also. Before you buy, get my prices on cks., ckls., hens or pul.

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On Poultry and Almanac for 1910. There is nothing in the world like it. It contains over 200 large pages, handsomely illustrated. It tells all about all kinds of Thoroughbred Fowls. Also all about

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Bearded silver, bearded golden, bearded white, buff laced and white crested, black polish. \$2 to \$5 each. Eggs, \$2 to \$5 per 13. Prize winners twenty-eight years.

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Won at Mansfield, 1909—1, 2 and 3 pul.; 1 and 2 cockerel, 1 and 2 hen against a field of 100 Wyandottes; and also the special prize for best pair of all varieties. If you want the best, write me.

SHERMAN BOWDEN
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Member Nat'l White Wyandotte Club. Life Member A. P. A.

Buff Wyandottes and R. C. R. I. Reds

100 breeders and 500 youngsters from our famous combined utility and exhibition strain winners and bred from winners at Madison Sq., Toledo, Mansfield, Massillon, etc. Whatever you wants, write,

H. V. Kell, Prop. Old Orchard Yards, Canton, O.

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Won 4 1sts, 4 2ds at Will Co. Fair, Aug. 29-Sept. 2. 5 1sts, 2 2ds at Kankakee Co. Fair, Sept. 5-9, with competition at both fairs. For sale: A fine lot of young stock from my 200-egg strain of Chi., Mo. State and Milwaukee winners

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Buff, Black and White—Well grown young stock for sale for fall showing and breeding purposes.

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I paid U. R. Fishel \$50 for cock bird and \$10 apiece for the hens to start my flock; also \$1 apiece for 100 eggs. Snow Ball, my favorite cock bird, has won every place shown. 1st at Ohio State Fair, 1908, 1st as a chl. at Cleveland, 1907. Write me for prices on stock and eggs.

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White, Buff, Black, Rose or Single Comb—Over 1200 prizes, diplomas, cups, etc., such shows as Madison Square, N. Y.; Jamestown Exposition, Philadelphia, Pa.; Allentown, Pa.; Washington, D. C.; Boston, Mass.; Easton, Pa.; Pennsylvania State Show; Dover, N. J.; etc., etc. An Orpington specialist ten years. Can start you right with chicks, eggs or stock. Write

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WE HAVE THEM AT RIGHT PRICES : YOU SHOULD WRITE US YOUR WANTS TODAY

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I now have the best lot of both old and young stock I ever raised. Will not show this fall, and offer all my best stock for sale. About 1,000 birds to select from. Describe your wants and how much you can invest and I will tell you what I can do for you.

JONAS HAYNER, LIVINGSTON, N. Y.

BEAUTIFUL

PROFITABLE

U. R. FISHEL'S WHITE PLYMOUTH ROCKS

"THE BEST IN THE WORLD"

I WANT every reader of the American to read the above lines carefully and then glance at the pen of fowls illustrated below and see if my claims are not well founded. When you look at a U. R. Fishel White Plymouth Rock with that snow white plumage (no brassy backs) and rich yellow shank, showing vitality and strength; when you consider there has never been produced a fowl to equal them as egg producers; when you sum the whole matter up, you will find there is no variety of fowls so beautiful and profitable as the

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Choice pens, trios and cockerels for sale. Have about 20 fine cockerels to spare. Write today. Long View Poultry Farm, J. Frank Parr, Proprietor, Station 1, Box 767, East Liverpool, Ohio.

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"DON'T KILL THE LAYING HEN"

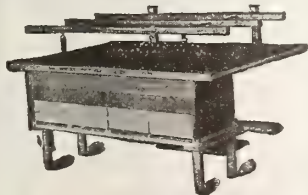
Is the title of our Potter System book and this warning has helped thousands of poultry keepers to start on the right road to successful and profitable poultry raising by keeping only the hens that lay the eggs. Right now is the time to use the Potter System, when you want to get rid of your surplus stock. But DON'T KILL OR SELL ANY hens until you have sorted out the layers from the loafers, the healthy hens from the diseased hens, keeping only the best laying hens. Our Potter System book contains over 100 pages and 30 illustrations on the subject of laying and non-laying hens and egg production.

POTTERIZE YOUR FLOCK

By using the POTTER SYSTEM. Join the ranks of thousands of poultry keepers who are more successful and satisfied because they do use it. We repeat again that no poultry keeper can afford to be without our POTTER SYSTEM book. Potterize your flock and get in line to make more money on it this winter by using the Potter System. Fill out the coupon in right hand corner and mail to us and you will get our large catalogs and circulars telling all about our goods and how you can get our Potter System book FREE.

DON'T BUILD

That new hen-house or think of fixing up the old one until you have gotten our large catalogues telling all about Potter Poultry House Fixtures and POTTER Portable Poultry Houses and the complete line of other poultry goods which we manufacture and handle. Our catalog on fixtures and supplies contains 100 pages and over 100 illustrations. Our catalogue on portable poultry houses, pigeon lofts, brood and roosting coops, etc., contains 20 pages and 20 illustrations. They are the most complete catalogs ever issued.

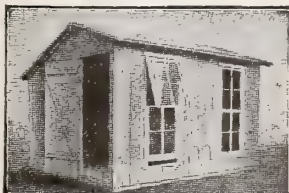


A \$5.00 HENNERLY OUTFIT

Potter Portable Hennerly Outfits are made in 3 styles and 12 sizes, and are made to fit any house, whatever size or arrangement. The cut shows a No. 16, style "A" outfit, complete with 5-foot two-perch roost and drop-board and four-box elevated nesting system. Just right for 18 hens. Occupies space 32 inches wide, 60 inches long. Price \$5.00. Buy and try one; if not satisfied your money will be refunded. Potter fixtures have been on the market nearly ten years. Thousands of poultry keepers use them.

A \$40.00 HOUSE

We make PORTABLE houses and coops in 20 different styles and sizes. Our large catalog shows all. The house shown here is a No. 5, 8x10 feet, style "A". The most popular house we make. It is equipped with an 8-foot two-perch, style "A" Potter outfit complete (same as outfit shown above only 3 feet longer.) Painted two coats; complete with windows, hardware, roofing paper, etc. A fine house for 30 hens. Price \$40. This house is made right, the price is right and you have our guarantee of satisfaction or money refunded. If you want to know more about Potter goods before ordering, send for our catalogs and circulars. These cost us hundreds of dollars for printing, but we send them to interested and progressive poultry keepers for 4 cents to cover postage. Potter Poultry Products are for particular poultry people and if you are at all particular you will write us today.



30-Day Special Offer

Until November 1st only, will accept orders for this size house and ship, freight prepaid, into following states: Illinois, Indiana, Ohio, Michigan, Wisconsin, Iowa, Minnesota, Pennsylvania, New York, New Jersey, Rhode Island, Massachusetts, Connecticut.

WHAT OTHERS SAY READ THESE LETTERS

"Worth Ten Times What You Ask for It"

Dear Sirs:—Some time ago I sent for your book, "Don't Kill the Laying Hen." I studied it through pretty thoroughly and as I had a number of hens to dispose of, tried the plan in your book, and can say that it worked to a tick. I killed several hens for table use and did not make a mistake on one. It is worth ten times what you ask for it and is so plain that anybody can understand it. Yours very truly—W. J. English, R. F. D. No. 2, Chenango Falls, N. Y.

"Worth Five Dollars"

Dear Sirs:—I just received your letter stating that you have a new book on your system of selecting the laying hen. I have one of the old booklets and if the new book is as good as the old one it is all right. I have found everything as represented in the old booklet. It has been worth \$5 to me. I will send later for your new book. Yours truly—John H. Burkart, 1208 W. Lawrence St., North Topeka, Kansas.

"Would Not Part With It For Many Times What It Cost"

Dear Sirs:—I have received your book regarding the laying hen and am pleased to say it has done a great deal for me. I would not part with it for many times what it cost if another could not be had. Yours respectfully—John Van Schoar, 3095 W. 100th St., Cleveland, Ohio.

"All It Is Claimed to Be and More"

Dear Sirs:—I received your booklet, "Don't Kill the Laying Hen," and must say it is all it is claimed to be and more. I now want you to send me your booklet on "Profitable Poultry Raising," remittance for which you will find enclosed. Yours for success—Geo. J. Griffee, 614 Boas St., Harrisburg, Pennsylvania.

"Made One Hundred and Ninety Dollars"

Dear Sirs:—Your circulars at hand. The best thing I can do is to get the new book, "Don't Kill the Laying Hen." Your method has made me \$190 and is still making more, and only a few chickens; from 70 down to 44 now. Yours truly—G. W. Normac, Renfrow, Oklahoma.

"\$5 Worth of Satisfaction"

Dear Sirs:—I received your book and tried Test No. 1, and it was all right the first time. I have had \$5 worth of satisfaction out of the book already. Your system is O. K. Yours truly—Wm. Thummor, 412 Hoffman Ave., Oil City, Pennsylvania.

"Worth More Than You Ask For It"

Gentlemen:—Enclosed find remittance for your booklet on "Profitable Poultry Raising." If it is as good as your book, "Don't Kill the Laying Hen," it certainly is worth a great deal more than you ask for it. Yours truly—The Sunnyside Poultry Farm, Rutland, Vermont.

"Would Not Take \$50 For It"

Dear Sirs:—Your booklet entitled, "Don't Kill the Laying Hen," is a great help to the poultryman. Makes dollars where you made cents. I wouldn't take \$50 for my booklet. Yours truly—Clarence K. Honeyman, Proprietor, Spring Creek Poultry Farm, Troy, Ohio.

T. F. POTTER & CO., Box A1, Downers Grove, Illinois.
Gentlemen:—I am interested in your Potter System book, also Portable Poultry Houses and Hennerly Fixtures. Send me at once catalogs and circulars describing your goods. I enclose 4c in stamps to cover postage.

Signed.....

R. F. D. or Street.....

Town.....State.....

T. F. POTTER & CO., BOX A1, DOWNERS GROVE, ILL.

BARRED & COLUMBIAN PLY. ROCKS

Bred from leading strains. Headquarters for bargains in utility and exhibition stock.

G. W. Garlock, Box 9, Fort Atkinson, Wis.

KNISLEY'S ORPINGTONS

S. C. Buff, Black and White, Nuff Said. Stock for sale. Shipped on approval.

Pine Rose Poultry Yards, R. J. Knisley, Prop., York, Pa.

Rhode Island Reds

Bred for exhibition and heavy laying. Finely illustrated catalog free.

Ellis S. Shelly - Williamsburg, Pa.

WHITE ORPINGTONS AND CHESTER WHITE PIGS

Cockerels and pullets from \$2 to \$10 each

Mrs. J. W. Holton : Catasauqua, Pennsylvania

Handsome Book Free!

The 1910 Illustrated Planet Jr. catalogue of Farm and Garden Implements. Write for it today.

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75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

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Foods, Grit, Charcoal, Beef Scraps, Etc., direct from manufacturer to consumer. Agents for "Old Trusty" and "Cycle" incubators.

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Electric block signals, electric search head-lights, electric lighted trains, over a completely rock-balasted roadway underlaid with boulders and underdrained with tile.

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EXCELSIOR REDS --- BOTH COMBS

Young exhibition Reds for the fall fairs. That is what we are offering for Sept. delivery. If in need of a winner write us, we have the bird. Also a fine lot of breeders at right prices. Exhibition cock and hens also for sale. We guarantee to give satisfaction. EXCELSIOR POULTRY FARM, J. I. Blake & Co., Props., Galesburg, Mich.

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Best in the World. Catalogue Free.

J. A. Bennett & Sons Co. : 929 Main Street : Gouverneur, New York

HILLSON'S BARRED ROCKS

2d cock; 1st cockerel; 1st, 2d hens; 1st, 4th pullets; 1st pen; New York state cup, at Buffalo, 1909. Best eggs \$5 per setting. Geo. W. Hillson, Hyde Park, New York

**WHITE ORPINGTONS**

They lay like slot machines. My birds have won at Madison Square, Pittsburg, Cleveland, Chicago and other large shows. Summer eggs from selected stock, \$4 per 12. Special sale of yearling pullets. To make room, special sale of cockerels. Booklet free.

Lawrence Jackson, Haysville, Pennsylvania

S. C. R. I. REDS

Young stock for sale, both show birds and breeders. Good deep rich red. Many bred from special matings. Prices reasonable. Satisfaction guaranteed. Circular.

H. T. Marshall : R. R. 53 : Sheridan, Illinois

**FOGG'S S. C. W. LEGHORNS**

are winners and heavy layers. If you are interested in getting the best for your money when you buy show birds and breeders, it will pay you to write me before you order. I have thousands of young birds and several hundred breeders from which I can furnish birds that will win anywhere for you. Remember, I SELL MY CUSTOMERS WINNERS. My early hatched young birds have better quality this season than ever before. They will WIN for you at the early shows. If you want birds that are guaranteed to win and breeders that will produce something good, I can please you. Send today for free literature telling all about them.

N. V. FOGG : BOX R : MT. STERLING, KY.

OAKLAND POULTRY YARDS

S. C. WHITE LEGHORNS are better than ever this season. 1,000 show birds fit to win in the strongest competition. We have young stock ready to show now. If you desire something high class in S. C. White Leghorns, better let Oakland's help you win that blue ribbon or that silver cup. Send for mating list.

Wm. C. Bowman, Manager, Box 337, Trenton Junction, N. J.

Empire Poultry Association

Incorporated :

4th Annual Show, Nov. 18-24, 1910, at Grand Central Palace, New York City

Will be conducted on advanced methods : The world's best judges : 3200 sq. ft. of floor space : We pay our premiums before the close of show

Address

Robert Seaman, Manager : Box B, Jericho, New York

OWEN FARMS

A FRANK QUESTION

OWEN FARMS asks you a frank question: "How much will you give for cock, hen, cockerel, pullet or pen to win your fall fair?" It is not unusual for you to buy what you want in this way. It certainly pleases us to have you tell us this right off in your first correspondence. You know as a buyer that if we do not think your offer is enough to win your fair we will not accept it. If we think it is, however, and we can win your fair we will accept it. Always the only difference between a would-be customer and Owen Farms who wants any particular stock, quality fully described and understood by both our customer and ourselves, comes in the price to be paid. We are especially confident that we will agree upon this price. Write us, then, right away and get down on business. We tell you squarely that you do not commit yourself in any manner unless the bird is satisfactory at the price. You always must keep this in view.

EARLY SHOW BIRDS

Have we many? More than ever before. 5,000 birds raised from our very best in our different varieties and not a bird less. We commenced to hatch in January and have been hatching ever since and shall hatch up to the last of August. We know that females and males can be furnished at absolutely the right condition of feather and ripe for the show especially as we shall have birds that are exactly the right age for the time when the show occurs. How good are these early show birds? Better than we have ever produced in all of our varieties and there is no show that has any terrors for us and which we do not gladly welcome an opportunity to supply winners for, guaranteed to win. The condition would be such as you would expect in the top form of the bird for the time and place and the price would fit the quality. Remember that. Always with Owen Farms, the price is never high, but always only sufficient to cover the quality desired and necessary.

FITTING WINNERS

OWEN FARMS paid Harry W. Graves, now dead, \$100 and expenses six years ago to fit their string of birds for New York and thought it cheap. Today our Mr. Delano has to take off his hat to no living man in America in fitting birds to win in the show room. Just think for one moment that you get this without extra cost whatever. Don't you believe Owen Farms did well to spend that \$100 that year? If you do, you must know that you would do well to insure fitting such as OWEN FARMS through our Mr. Delano can give you. We match pens to win. Winning every pen in N. Y. last year is the best evidence. Five first pens at Boston clinched the argument. We mean business and how far pride in continuing this great record goes in fitting and matching pens for our customers, we leave you to judge.

BOOKING WINNERS

When is it best to book your orders for the ensuing year? We say "Now." Never mind how far off the date of your show if you are sure that you are going there now is the time to write about it and to book your engagement with us as early as possible. Early fall shows, midwinter or late shows in February have been already booked by us in very large numbers, because our customers appreciate one great advantage. What is the advantage of early booking with Owen Farms? If you can get Owen Farms to say that they will win a certain show for you at a certain price no living man can buy a bird to compete against the bird sold for that show, never mind what the offer might be. You realize in making such an early booking that you are uniting all the possibilities of Owen Farms' large flock from which they can select absolutely and exactly the right bird fit for the moment to win in your interest and name.

UTILITY COCKERELS IN OCTOBER

In past years we have had a remarkable demand for big, husky utility cockerels having our best thoroughbred blood and ready for early breeding. This year we expect even a larger demand and we have prepared to fill it and the price will be \$5 each. These cockerels are of the finest breeding, full of life and vigor and from flocks that are not excelled as producers of large, brown eggs and many of them.

WHAT WE HAVE TO SELL

What we offer to you are birds of the breeds most popular in the show room. Our breeds form the largest classes constantly at New York, Chicago, Kansas City, and, in fact, every poultry show in America. We also say that we have demonstrated ourselves by our show record to be at the very head and front of each of these breeds which we offer. You do not have to take our word for this but study the records. You can find our winnings in our catalogue and you can secure the winnings of any other breeder and if ours do not compare favorably and to our advantage we ask you to write and call our attention to some other existing record that seems to you to surpass ours. Our breeds are

Buff Orpingtons
White Orpingtons
Black Orpingtons
Barred Rocks

White Rocks
White Wyandottes
S. C. Rhode Island Reds
R. C. Rhode Island Reds

Your correspondence is urgently solicited

ARE OWEN FARMS PROGRESSIVE?

If there is one thing more than another that we wish everybody to believe about Owen Farms, it is that they are alive, wide-awake and up-to-date; that they are restless on the one great question of improving all of their flocks of birds which they have at present and in recognizing quickly the merit of any breed of poultry, especially where that breed has found ready, enthusiastic acceptance on the part of poultrymen nearly all over the country.

Rhode Island Reds

Five years ago Owen Farms, from some of the best stock in the country, secured stock and eggs in Rhode Island Reds. We raised one year 2,000 birds of this variety. We have been carefully and consistently interested in every show which has taken place since in this variety. We believed then as we believe now that its future is a great one and it was only that Owen Farms did not wish to enter the show room unless it could enter in the hardest and strongest competition with as reasonable certainty of winning as they have had in any of their other varieties that we did not commence earlier for a show record.

We are now prepared to say that in Rhode Island Reds, Single and Rose Combs, we have at Owen Farms one of the finest flocks in this country, with shape as near the ideal as they are grown, with color that is rich, dark and even and with perfection of points in Rhode Island Red growing that have never been equalled in any flock in this country. This is one of the strongest statements Owen Farms have ever made, but it is one of the truest statements they ever put before the public. We are prepared to furnish Rhode Island Reds for showing in any show in this country, guaranteed to win. Our Mr. Delano judged Rhode Island Reds at New York two years. He has been more earnestly sought to judge for the Rhode Island Red Club than perhaps any other judge of the variety. I frankly submit to you the question, if we do not know where we stand in quality in this variety who could know?

In conclusion, let me say that if there are more enthusiastic breeders in any other variety than the breeders of Rhode Island Reds I wish you who read this advertisement would write and tell me who they are. To you, breeders of Rhode Island Reds, therefore I say, and I urge you to consider the matter, that if you want good birds at fair prices, always subject to your final decision and approval, in Rhode Island Reds, write to us fully and with the usual frankness we ask and encourage, and you will be absolutely glad that Owen Farms has undertaken to furnish you with what you are wanting in this grand variety.

Owen Farms

Wm. Barry Owen, Proprietor
Maurice F. Delano, Manager

107 William St., Vineyard Haven, Mass.

GOLDEN & SILVER WYANDOTTES

Winners at Pittsburg, McKeesport and Beaver Valley. Are now closing out our breeders at very low prices. Wm. J. Fox, R. D. 17, Cabot, Pennsylvania

White Orpingtons

The winners at Chicago, 1907, 1908 and 1909
PRATT POULTRY PENS, M. P. Pratt, Prop., Evanston, Illinois

Hen's Delight Brood Coop

Made of galvanized iron; vermin proof. Write for descriptive circular.

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SPECIAL SALE

Six yearling cocks and a dozen hens. Eggs half price. \$1.50 per 15.

J. W. Moore, L. Box 324, Cambridge City, Ind.

PEDIGREED

Rare quality Silver Laced Wyandottes, Houdans and Indian Runner Ducks. Bred in line over 30 years.

Blue Bell Farm :: Glenview, Illinois

SHADY LAWN POULTRY FARM

We have the finest lot of young stock this season we ever raised in Rocks, Wyandottes, Leghorns, Orpingtons, White Holland Turkeys, White Guinea, Toulouse Geese, Pekin, White and Colored Muscovy Ducks. We are short of room and will sell at one-half value. Let us know your wants and send for free catalogue, showing our winnings at Williamsport, Lititz, State College and Bloomsburg. Mention A. P. J. when writing.

B. F. Kahler, Box A, Hughesville, Pennsylvania

ROSE COMB WHITE MINORCAS

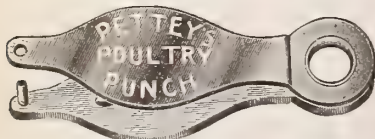
For Fall and Winter shows. I can furnish winners, early or late, against strong competition. A few hens and cocks left. Tell me just what you want. Start right. My birds won every first, but one, at Chicago, 1909.

J. J. Hurlbert, R. F. D. No. 3, Morrison, Illinois

BUFF ROCKS

The Golden Eagle Strain—The kind that win at St. Louis and New York. Exhibition and breeding stock for sale in young and old birds. Write me your wants. I can please you. Mention A. P. J.

Cadillac Poultry Farm, W. J. H. Goetz, Proprietor
1150 Cadillac Avenue :: Detroit, Michigan



Pettey's Perfect Pocket Poultry Punch. All steel; nickel plated; punches clean; hole is right size; will not bruise the foot. Price 25 cents. Manufactured by J. O. Pettey, State St., Belvidere, Ill.

CAPON TOOLS**SINGLE COMB BLACK MINORCAS.....**

Indianapolis and St. Louis silver cup and Madison Square Garden winners. Let me furnish you winners, young and old stock for sale.

E. E. Wilson, Vice-Prest. and State Champion Black Minorca Club, 921 Ashland Ave., Indianapolis, Ind.

Bateman's Black Langshans

Won more premiums at the late Chicago show than any other strain. They won all specials on cocks and cockerels, also more regular premiums than any others. I have a fine lot of early hatched youngsters—right for the fall shows and winter layers. Also adult stock for sale. Write me just what you are in need of.

Jesse T. Bateman :: Box A :: Waverly, Illinois

CANADA'S ROYAL STRAIN OF WHITE PLYMOUTH ROCKS

300 birds to choose from. My winnings last month at Canadian Nat'l Expo., Toronto, 5 ribbons on 8 entries. A post card will get my price. Send today. I have early chicks for your fall shows, at only living prices. Will guarantee to please you for a trial order.

J. L. BROWN - - - SEAFORTH, ONTARIO

BARRED PLY. ROCKS

exclusively. Exhibition and utility strains. 12 years' experience. A fine lot of cockerels to select from. Write your wants; can please you. Prices reasonable. Eggs in season. Please mention American Poultry Journal. ; ;

Acme Poultry Yard :: C. A. Gifford, Prop. :: Rusk, Texas

**Easy to Read---Stays On**

After trying various others, Breeders, Judges and Poultrymen unanimously declare

THE "CONVENIENT" LEG BAND

—the best and most satisfactory they have ever seen. Made of Aluminum—sizes for all breeds, raised figures, quickly put on and won't lose off. The only Bands that are bent ready for use. 12 bands for 20c; 30 for 45c; 60 for 75c; 100 for \$1.00. Sample free.

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Canada's Best R. C. and S. C. Black Minorcas

Winners of the Red and Blue at the largest shows on the continent. At the Canadian National Exhibition at Toronto this month, Canada's greatest fall exhibition, in the largest and best class ever shown at Toronto, we won the following prizes: Single Combs—Cock 1st and 3d, hen 1st, cockerel 3d, pullet 1st and 2d. Rose Combs—Cock 1st, hen 2d and 3d, pullet 2d. No other exhibitor of Black Minorcas won more than one first. We supplied winners for the best shows on the continent last season, and this season, we are in better shape than ever to supply exhibition birds. Mention American Poultry Journal when writing.

T. A. Faulds, London, Ontario, Canada

Life Member of A. P. A. Member of A. B. M. Club. Vice President of the International R. C. Black Minorca Club

WE BUY INCUBATORS OF EVERY KIND

If you have an incubator or brooder which you desire to sell or exchange, write us. : : : : :

We Pay Cash

State the make, number and egg capacity of your machine as well as lowest cash price. When writing, address : : : : : :

Incubator Exchange :: Brookfield, Illinois

SIBLEY'S R. C. RHODE ISLAND REDS

(Good as the best, better than the rest). Our birds have won 136 prizes at 16 shows; an average of 8½ prizes at each show, (including 49 first prizes), at Chicago, Detroit, Indianapolis and Buffalo, since Jan. 1906. Compare these winnings with all others. Birds from our yards are winning first prizes all over North America. We will sell a limited number of choice young birds after September 1st. Catalogue sent on request. Please mention American Poultry Journal when writing.

Irving A. & Frank Churchill Sibley, 1032 Jefferson Blvd., Box G, South Bend, Ind.



THOROUGHBREDS

Something above the ordinary : Royal Strains of poultry are well known

White Holland Turkeys. New York winners, 1910, 3d tom, 1st young tom, 1st and 2d hens. **Indian Runner Ducks.** Jamestown winners, 3d pen, headed by 1st drake, N. Y. Also won special for best I. R. in the show. **S. C. Buff Leghorns.** N. Y. silver cup winning strain. N. Y., 1910, won 3d pen, 5th cock, 5th pullet. **White and Pearl Guinea Hens.** Circular. Write for what you want. Stock and eggs.

ROYAL FARMS - DEPT. X - LITTLE SILVER, NEW JERSEY



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DON'T KILL
The LAYING HEN

NO, don't kill your layers, for they are payers. And if you knew the **POTTER SYSTEM** you not only could pick out the laying hens, and thus avoid killing them, but you could also pick out the non-layers and drones and save your feed money. How many times have you taken a hen to the block and then after killing and dressing her found to be in full laying condition? Real money in her (in eggs) and you didn't know it. If you know the Potter System you will never purposely kill another hen, and this alone means the saving of many dollars in a short time.

NEW BOOK ON THE
POTTER SYSTEM

Of Selecting Laying and Non-Laying Hens,
and Egg Production

Contains 100 Pages and 30 Illustrations

When ordering a copy of this book you must promise not to reveal the secret to anyone except the immediate members of your family. The secrets, it contains, cannot be obtained from any other source. Everyone who receives this book is pledged not to reveal them to others; therefore, it is to your interest to obtain a copy of this book at once and become a member of Potter's great "Secret" family, and stop killing the laying hen, thereby greatly increasing your poultry profit.

The price of this great book is only \$1 and it will save you hundreds of dollars. It has done this for others and will do it for you. In order to provide every poultryman with a copy of this great book we will give you this book, a copy of **PROFITABLE POULTRY RAISING**, (treating on the subject of scientific and systematic poultry feeding for rapid growth and development and large egg production), and a full year's subscription to the oldest, largest and best poultry paper in America, all for \$1.25.

OUR GREAT OFFER

One Copy, "Don't Kill the Laying Hen" : : : : } **ALL THREE FOR**
One Copy, "Profitable Poultry Raising" : : : : } **\$1.25**
One Year's Subscription to American Poultry Journal

SEND ALL ORDERS TO

American Poultry Journal Pub. Co., Chicago, Illinois

American Poultry Journal Pub. Co.
358 Dearborn Street, Chicago, Illinois

Gentlemen:—Enclosed please find \$1.25 for which send me one year's subscription to American Poultry Journal, a copy of T. F. Potter's great book "Don't Kill the Laying Hen" and a copy of Profitable Poultry Raising. I hereby promise on my word and honor not to reveal or tell any one outside the members of my family the information contained in the Potter System book.

Signed.....

R. F. D. or Street.....

Town..... State.....

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars. The Elwood M. Pusey Co., East Liverpool, O.

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous, farm raised birds and persistent layers. Some year-old hens and young stock for early delivery. Free catalogue.
O. E. MICHAEL, R. R. 6, DAYTON, OHIO

Barred Ply. Rocks...

Fine cockerel bred hens and pullets at reduced prices. Eggs \$1.50 per 15.

Oscar Wurtz : : Edinburg, Ind.

S. C. R. I. Reds

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BUFF ROCKS

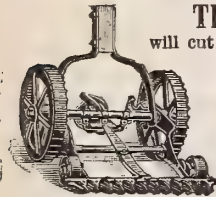
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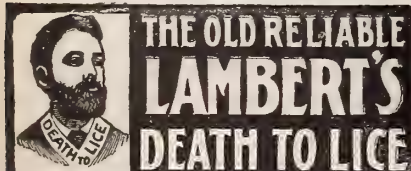
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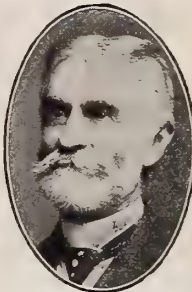
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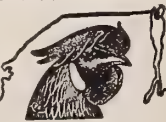
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White Plymouth Rocks.....	100 "	300 "
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BIG BLACK ORPINGTONS**

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We Give This Beautiful 33-Piece Dinner Set
For a Very Few Minutes of Your Time....

WE HAVE selected the prettiest set of dishes we could find to give to our friends. The above picture does not show all the dishes, but gives a faint idea of the beautiful Rose design and the size of each piece. As soon as you send in the coupon below we will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home. In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red makes the most popular design yet produced in tableware. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. When you get these dishes on your table you will have something to be proud of indeed. And we don't want you to pay us a cent of your money for them. What we ask you to do is so easy you will never miss the spare time it will take, and the pleasure these beautiful dishes give will be with you for years. Don't let this opportunity escape. It is positively the most liberal dish offer you ever did or ever will see.

Send No Money — Just Your Name

Fill out the coupon below and we will send you PREPAID 100 Sharp's best needles, sizes 3-9; 1-5, 4, 5 and 6, and 15 darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace, gloves, carpet, etc. Every one of these 115 needles is high-grade, big eyed, extra quality steel. Rix and Rands' brands, made in Austria and Germany. The points are sharp, the eyes are wide. When you receive them show them to your friends, and also show them a copy of The Weekly Star Farmer, and ask them for twenty-five cents each in connection with a special offer I will authorize you to make. When you have collected only \$4.00 for us in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. We give two EXTRA PRIZES for promptness—so hurry

DINNER SET COUPON

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Please send me the 115 needles and I will do my best to secure a club for the Dinner Set.

My name is

My address is

2000 WHITE AND BUFF LEGHORNS

Choicest Selections for the Season of 1910-1911

Exhibition Cocks, Cockerels, Hens, Pullets and Pens now ready for shipment. Important—1500 of this grand lot are the cream of 5000 cockerels and pullets hatched and raised this season. They are the product of the finest breeding pens, headed by our New York and Boston Blue Ribbon Winners and other males fully equal in breeding qualities. Bred from winners. They are sure to win in the show room and produce winners.

500 are yearling and two-year-old cocks and hens, including many of our best show specimens and choicest breeders. Fine exhibition cocks and hens are hard to get at any time at any price. As the demand for this class of stock is greater than supply, purchasers are requested to send in their orders early.

Our 1910 Catalogue gives accurate and reliable information on the mating, breeding and conditioning Exhibition White and Buff Leghorns, and also contains a complete record of the prizes won in the past five years by Monmouth Strain of Buff Leghorns, the largest and finest flock in the world, and of our justly famous strain of Stay White, Low Tailed White Leghorns.

Remember: All stock is farm raised, line bred, vigorous and hardy. Satisfaction guaranteed.

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BLANCHARD'S WHITE LEGHORNS

The Leading Strain of Heavy Layers. Winners at Madison Square Garden, New York, 1903, 1904, 1905, 1906 and 1907

Are no experiment, having been carefully selected and bred for over 20 years with results that fully justify the claim that they are one of The Great Laying Strains of S. C. White Leghorns in Existence. No labor or expense has been spared in building up perfecting the strain, and while the production of large, pure white fancy market eggs has been the main object, Standard Qualities have not been neglected. They are Large, Vigorous, Active and Handsome. Good winter layers and keep at it all summer. Unexcelled for introducing new blood or as foundation stock. Eggs for Hatching. Stock for Sale. Illus. Circular Free.

E. E. Pabst : : Formerly H. J. Blanchard : : Groton, Tomp. Co., New York



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Our Fall Announcement:

TO EVERYONE INTERESTED IN WHITE WYANDOTTES, GREETING: Our matings of the past season have produced the largest percentage of exhibition birds we ever bred; never before has such quality graced our yards. To make this claim means much. In the past birds furnished by us or bred from our matings have won thousands of prizes in every State in the Union. Poultry with us is an exclusive business. Years ago we took up the White Wyandottes and have bred them ever since. We have made them a life study; we have produced the result and our own winnings in connection with our customers and the fact that we have proven to the poultry world that our strain is the most profitable whether used fancy or utility. Our MOTTO has always been your money's worth or your money back, and you to be the judge. Some people may think our prices are exorbitant. This is a mistake. We can please you in quality and price.

Our Specialty is Furnishing High-Class Show Birds

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600 CHOICE EARLY COCKERELS

**Do You Want a Winner? Do You Want a Breeder?
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Show and utility stock for sale, both in young and old. An especial fine lot of ckls. for fall and winter shows. Write for circular of record.

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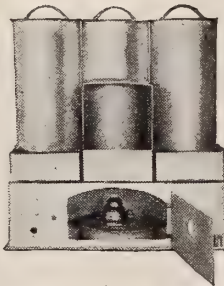
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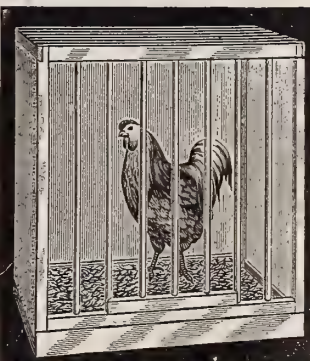
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the richest colored strain of Barred Rocks in the world. Winners for any show in the United States, Canada or Europe. Early birds; late birds; old birds; young birds. Cocks, hens, cockerels, pullets. Pens of all descriptions.

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are shaped; just snap on; big bright numbers. 1 doz., 20c; 25, 35c; 50, 60c; 100, \$1. Other kinds at 6c 100. A. E. Wagle, Marshall, Mo.

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Rankin and Japanese stock direct. Choice old breeders at half price if taken soon. Toulouse Geese, state fair winners. Young stock, all ages, for sale. Satisfaction guaranteed.

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Allows for Shrinkage and Expansion
Increase Life of Roofing 50 Per Cent.
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Positively the GREATEST BARGAINS ever offered in the above varieties. Our show birds and grand breeders now half price to clear up quickly and make room for our 1000 head of young stock. All eggs half price. If you intend buying any of above varieties you make a mistake if you don't write us today.

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1,000 fine Rose Comb Reds. Bred from my Cincinnati and Indianapolis winners. For the show room.

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Anyone can install a "SUN"
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1st Cock, Indianapolis, 1909

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Grandest flock of young stock coming on that I have raised in 18 years; bred from winners at Chicago, Boston, Indianapolis, Pittsburg, Guelph and other shows. Latest winning: Pittsburg, 1, 2 cock; 1 pullet; 3 cockerel; silver cup for best pullet. Am especially strong in cockerels for Dec. and Jan. shows. I know I can please you because I have the quality. Free circular showing my winners.

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Breeders for sale at reduced prices to make room for young stock and show birds for the early shows. Write your wants.

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I breed Rocks that have that bright, snappy color and even barring that is so hard to get. I can supply you with exhibition birds or breeders to improve your flock. Both cockerel and pullet line. Eggs from choice matings.

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No breed excels the Reds for laying, beauty, general purpose or show room. No strain of Reds excel

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Our show record in eight different states for the past seven years stands unequalled.

Our last great triumphs were in 1909—10 at Cincinnati, Ohio, Indiana State Fair, Illinois State Fair, Chicago, Kansas City and Fanciers' Association Show, Indianapolis. Four different cock birds took four first prizes at four of these shows.

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This bed is a beauty. It is made bungalow style. Head and foot each contains three panels ornamented with very beautiful designs in delicate dainty tints and colors. Head is 59 inches high; foot 39 inches high. Corner pillars and top rails are of steel tubing. Connecting rods are of solid steel. Tasty gold chills at corners, tops and bottoms of panels and all connections. Its superior quality is distinctly noticeable. Full size 4 feet 6 inches. An extraordinary bargain. You are sure to be delighted with it. Iron bed, order by Lot 1X915 price only..... \$3.65

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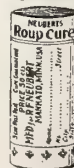
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Roup the most fatal and dreaded disease in the poultry yard, is very contagious and spreads quickly through flock. Is usually result of exposure to cold and damp weather, drafty quarters, filthy surroundings, which weaken fowls and subjects them to disease. **Neubert's Roup Cure** is a positive cure for all forms of this disease. We guarantee this. Placed in drinking water, fowl takes own medicine and you are relieved of any inconvenience. Coming in contact with head and throat membranes, it kills germs at once. Is quickly taken up by the system, and being a strong tonic and blood purifier, cleanses the blood and builds up system. Is equally effective for turkeys. Price 50c per box, postpaid, enough to make 30 gallons of medicine. Circulars free. **R. F. Neubert, Box 844, Mankato, Minnesota.**



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 Winners Madison Square Ga den
Single Comb Brown Leghorns
 1907 1908 1909 1910
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S. C. W. Leghorns and White Wyandottes
 Whitecrest Strain. For the 3d time our birds won the silver cup for best display at the Cleveland show: 1908-9-10. Eggs \$2, \$3, \$5 per 15. Circular free. H. C. & C. W. SEXT. Box 42, West Park, Ohio.

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WE LEAD, OTHERS FOLLOW. Eggs from the grandest matings at \$3 per 15.

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WHITE WYANDOTTES
 BARRED ROCKS



1st Boston ckl., 1909, and one of his mates.

1st Pen Wyandottes, 1st cock, 1st and 2nd Cockerel Barred Rocks N. Y. State Fair, 1910. This is the first year we have shown our Barred Rocks. We only sent up three birds in Rocks and secured two first and one second, such a win speaks for itself. We have a few cockerels for sale from the same matings as our winners, and if you are in need of a first class bird for show or utility purposes let us know and we can suit you in whatever you want. In Wyandottes we have still about a thousand cockerels and pullets just as good birds as were in our pen at the N. Y. State Fair last month. Cockerels \$3.00 to \$5.00; Pullets \$2.50 to \$5.00 for breeders both in Wyandottes and Rocks. If you wish show birds let us know about what you wish to spend and we can tell you if we can fill your wants. We also can send you a photograph of any bird that you may wish to purchase of our better birds to give you an idea of what you are getting, also photographs of our breeding cockerels and pullets taken from different birds in our flock.

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 Philip Kearney, Owner Chas. Staaff, Manager

IF YOU'RE LOOKING FOR PRIZE WINNERS

for the coming shows in S. C. BUFF LEGHORNS, I have them fit for any show in the land. In cockerels and pullets. Also a few hens left in single and rose comb. Cockerels, \$2 up. Hens and pullets, \$1 up.

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Eight years careful breeding. Eight years successful showing. Eight years satisfaction to customers. 500 January and February chicks for early shows. 200 head old stock at half price.

Old Homestead Farms, J. H. McDanell, Prop., Rte. 2, Warsaw, Kentucky

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17 years in business. The time is now here when the matter of show birds and breeders confront us. Doubtless you have spent money in the past to your sorrow. If so, give the old reliable "NIXON" strain a trial. If they don't please it's your fault. Put me to the test. Prize birds, either sex or age. Get my literature before buying.

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"Evergold" Buff Wyandottes

Cockerels that are big, thrifty, shapely and BUFF. They win at the best shows for our customers and are red hot sellers. Square deal and reasonable price. Write your needs to Gerald Williams, originator of the Evergolds.

Feather Fine Farm - Wellington, Ohio

Buff and Black Orpingtons

We have the kind that win in the strongest competition. Young stock now ready to ship. Write for prices.

Cairngorm Farm F. J. Hope, Manager Nottingham, Ohio

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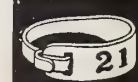
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AMERICAN POULTRY JOURNAL

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Volume 41

Chicago, Ill., October, 1910

No. 10

A REMARKABLE STRAIN OF BIRDS

**Proven by Unique and Impressive History—Do They Not
Settle the Mooted Question—“The World’s Best”—
Fulfilling Better Everything Desired in
Poultry Production.**

Written for American Poultry Journal by John S. Orr, Augusta, Kentucky



MORE than a half century ago a variety of chickens was discovered in existence in the northeastern portion of this country, possessing such a peculiar attractive appearance that certain poultry lovers determined to breed them to the nearest point of perfection possible.

One man—an experienced poultry man—became famous by adding some features to the already attractive bird. In his experiments with them he discovered they were remarkable egg producers, besides possessing a

rare savory quality of flesh as fowls for the table. The general form of these birds was markedly different from any before known. And to their shape or form was attributed the quality of their meat texture—differing from other varieties.

The birds were very compactly built—very muscular—close jointed and presented every appearance of robust constitution. The flesh very solid, possessing rare gamy flavor. Thus as a great egg producer—such a rare table fowl—such attractive form and general appearance and robust constitution—it is no wonder that this experienced breeder became highly elated over his find. And his success in adding somewhat to their general appearance. Accordingly he published in the *Stockman and Farmer of Pittsburg, Penn.*, the number of eggs a pen of pullets had produced within a specified time, and otherwise described his new variety. This statement of egg production exceeded anything before known, and hence was generally accredited false. However, curiosity was somewhat excited, and further investigation made regarding them, with the result that the statement made was true, and that a wonderful new variety of fowls actually existed. Upon the public becoming acquainted with the substantial and reliable facts, there naturally sprang into existence a great demand for them.

Being few in number, the property of a single breeder, the public demand could not be supplied. This stimulated speculation among poultrymen and induced them to experiment how to reproduce them. In these experiments a bird was produced that very much resembled in color points, and thought was entertained that by careful breeding a true reproduction would result. Consequently this experimental bird being quite easily produced by a single cross of two well-known quite popular varieties, the public demand was supplied with the experimental bird at speculative and sometimes exorbitant prices—many made to believe they were obtaining the phenomenal bird so conspicuously advertised. It required but a single breeding season to demonstrate that the cross-bred was only the worst kind of mongrel and a fraud—far inferior to many of the then well-known popular varieties. Consequently the fame and demand for the sen-

sational bird faded away, and the mere allusion to them afterwards was made the subject of derision and ridicule—no more of them wanted.

Thus was experienced what has oft been repeated—that public opinion is easily moved to extremes, and that the impressions made in the fallen estimation of something erroneously reported of merit is exceedingly difficult to overcome, even though it be through the practice of fraud and deception.

But anything of real absolute merit will in time reassert itself and become reestablished upon a firmer foundation. Thus it was with this bird. Those who were fortunate to obtain the genuine realized a true and real satisfaction of all that was claimed for them. They were familiar with the facts that the fraud practiced had destroyed the market for them. Nevertheless, they knew their value and contented themselves with breeding them in quantities, knowing that the day would come again when such a valuable bird would be in demand.

All they had to do was to sell them upon a guarantee of what they were in reality; and such was true, for the history of this pure bred bird is that wherever introduced and properly handled, they are preferred because they excel in more points in what is desired in poultry production.

It required three years or more to entirely destroy the demand for this bird so sensationally advertised, and the poultry club organized to boom the sale of them, for signal failure to fulfill its object, withered into oblivion. Later some of the genuine bred birds found a home in a far distant country and the boast of egg production was repeated, which resulted in a challenge from a breeder of another variety of great laying strain reputation for a yearly contest for egg production.

This contest was extensively advertised to take place and the invitation extended to the entire world to enter the contest to decide the question of what strain or variety were the best all-year egg producers. This advertisement was answered and numerous entries of every known great laying strains and varieties were entered in the great world contest to decide the great mooted question of the best all-year egg producers. This great contest was won by the phenomenal bird whose history we are attempting to relate. After this great contest the contestants and others clamored for another year's contest under exactly the same regulations. That second great contest was won by the same birds. Thus was made reliable and trustworthy history to prove that in the two greatest contests the world has ever known, where competition was the greatest, this bird of which we write demonstrated beyond the least question of doubt that they are the world's champion all-year egg layers. After these contests this fraud besetted and reputed worthless variety of fowls began again to attract attention. A demand for them began to make its appearance. Breeders of them imbibed courage. The old club was resurrected, birds and eggs scattered sparsely in different parts of the country, with the common old result that wherever the true bred bird found a home and was properly cared for, one impression prevailed, and that was they fulfilled better than any other experimented with everything desired in poultry production, with the result following the experience to breed them exclusively or in large numbers. Hence the old club was revived and today can boast of quite a large membership of enthusiastic breeders. But life experience is that, in the midst of flattering prospects, storms of havoc appear with more or less devastation to follow. Here, just on the eve

(we may say) of this old bird winning the world's laurels and establishing itself as the world's best in everything wanted in poultry production, impediment in venturesome and improvident experiment by cross breeding to satisfy a fad in color points made its appearance. But, thank fortune, whilst the threatenings of demolition were prevailing, one prominent poultryman of well-known reputation of capability and broad experience made vigorous opposition to such hazardous innovation, and through him and his effort we have the true old bird yet preserved intact, with all its famous qualities and characteristics. But they are very few in number, because success in accomplishing the color points, even though at the cost of great sacrifice, was sufficient because of success in the show room to influence by far the largest majority of breeders to introduce into their flocks what they believed the best show type, and today many of the largest big advertising breeders are made to depend upon their show record to win them success in business, ignoring the loss of by far the most valuable characteristics of the bird they sacrificed to get what they now seem to think they possess. It is only recently that a symposium of many breeders of this popular variety appeared in a prominent poultry journal, admitting that the cross made for show points in this bird wrought injury instead of benefit, which was a virtual fulfillment of the



"TO-PEN-A-BEE."

First prize winner Rose Comb Rhode Island Red, as a cockerel, at Detroit, January, 1909. First prize winner as a cock at Indianapolis, September, 1909. Pronounced by Mr. George W. Tracy, as the best Rose Comb Rhode Island cock bird which he saw during the season of 1909-10. Sired by "Sibley's Old Red Jacket." Owned, bred and exhibited by Irving A. and Frank Churchill Sibley, South Bend, Ind.

prophecy of the prominent poultryman just cited. But whilst these breeders acknowledge the mistake made, they do not acknowledge that the cross-bred show bird blood is still in their flocks, which deprive them of maintaining and proving that the birds they now breed are the world's champion all-year layers, and the bird that can fulfill best every quality desired in poultry production, as can the few breeders of the true bred old bird of world-famed history. This latter class know what they possess, and know they will prove themselves against all comers in all points most desired in poultry production. These claims are not mere assertion—they have both history and experience to prove that the Ray-Whitaker-T. E. Orr strain of Silver Wyandottes, now known specially as the "Orr-Wyandottes," because the late T. E. Orr alone is entitled to the credit of preserving the old bird intact without any deterioration, the bird holding the proud distinction of not only proving itself the world's champion all-year egg producer, but best all-pointed

bird, fulfilling everything desired in poultry production better than any other. Whilst the cross-bred show bird is relied upon for success in the show room, yet these old birds wherever shown and where true qualities of the best selves are known to the judge (which is often not the case, for they are hard to judge correctly, and no judge but an experienced breeder of them ought to ever be permitted to judge them), these old birds are generally victorious because they furnish the true text of the Standard of Perfection, the cross-bred type not considered in the text.

What is here said in comparison of Silver Wyandottes is not to depreciate in estimation the cross-bred Silver Wyandotte to a point below any other bird in existence, only this old bird yet unmixed with any other blood than its own. We believe, on the other hand, that the Silver Wyandotte as bred today is the very next best bird in existence, for the simple reason it has more of the best blood on earth in their veins, viz.: this old bird. And now that it is conceded that a mistake was made in the cross for show purposes, they can greatly improve their birds in eradicating the ill effects of the cross by the introduction of more and more of the blood of the pure old thoroughbred bird, which can now be easily obtained from some of its reliable breeders.

The Wyandotte is the best blood of chickens the world has ever known. They possess more good points in highest degree of perfection. When honestly tested for their good points, will be retained. Believing this, we feel safe in making the prophecy that the Wyandotte fever will some day sooner or later dominate the world. It will be when all their good points in comparison with all other class of birds will become thoroughly known. Is this mere buncombe? Let us see. Take the history of the Wyandotte from beginning until now. What other bird's history is comparable? Take the experience of its breeders, who are such because of earnest search for the best, in tests made with all the reputed best, are still breeding them—many instances exclusively, especially of Silver Wyandottes, and more especially of true descendants of the old original bird. They were thus bred when generally unpopular because of ignorance of the public in knowing what they were in point of true merit and because of fraud and misrepresentation, and when the best specimens of the best fanciers would only command a far inferior price to that of some other varieties that the breeders of Silver Wyandottes know by experienced tests are far inferior in the greatest number of most useful and valuable characteristics. There are several popular varieties today for which questionable claims are made in the minds of many, especially Silver Wyandotte breeders, of their most valuable source of origin, especially birds of later introduction than the Silver Wyandotte and birds of earlier origin which have come into greater prominence because of more pronounced and better qualities since the introduction of the Wyandotte. It is claimed that the introduction of the Silver Wyandotte wrought a genuine revolution in general poultry industry in the revelations presented in their appearance and demonstration of their superior qualities to anything before known. Because of the actual existence and undisputed evidence of superiority, it is but human nature the world over that when any new thing is introduced far superior to what we then possessed, that afforded us an opportunity to improve what we have, and especially if we can do so and not let the world know that we have done so to prevent detraction from the estimated value of what we possess, we will not hesitate to employ the means thus afforded.

It may be claimed that the improvement noted is but the result of careful and intelligent breeding, which is true, but from whence came and how made known those superior points of improvement?

It is not only claimed, but proven by history, that the introduction of the Silver Wyandotte was a revelation in valuable features, presented to the world by a wholly nature-produced bird, without the aid or intervention of man. That it was simply and in its broadest sense a discovery—an existence of superior characteristics. This is proven by the futile effort made to reproduce them in all their significant value. Because of these generally made known facts the Wyandotte is and has been recognized the criterion for emulation and adoption. It is known that this nature-begotten bird can be used to accomplish various purposes essential for improvement in any strain or variety of chickens and yet not reveal the fact. Any cross made with the well-bred Silver Wyandotte will produce a good bird, be that a cross with a well-bred bird of another variety or a common dunghill.

The Silver male is a most wonderful potent progenitor to transmit excellent quality with its least effectiveness to transmit its distinguishing color points. Hence all colors, shades and varieties can adopt some of the very best quali-



SINGLE COMB BUFF ORPINGTON PEN
OWNED AND BRED BY W. COOK & SONS SCOTCH PLAINS, N.J.
ORIGINATORS *of* ALL the ORPINGTONS

PEN OF BUFF ORPINGTONS THAT WON FIRST AT PHILADELPHIA AND FIRST AT BALTIMORE.



ties of this bird and the fact of adoption be kept secret. Now it is known that some twelve or more varieties now existing honestly attribute ancestry to the old bird. There are others as much, or perhaps more, indebted to the old bird for their boasted merit that give it no credit whatever. As evidence of this fact—or surmise, if you wish—let experiment be made and see if a fac simile of the best specimens of some of those varieties that claim no relationship to the Wyandotte cannot by cross breeding be reproduced. The experiment properly made will prove that some popular varieties, claiming to belong to another or an independent class by demonstration of both appearance and profitable characteristics, are more indebted to the old Wyandotte than any other bird.

To establish more convincingly the truth we are trying to convey of the unparalleled superior of the Wyandotte, will specify more particularly some of their known characteristics that, together and as a whole, challenge comparison.

Its typical shape is the poultryman's ideal, because it indicates robust constitution with the largest proportion of solid flesh for frame. Its color markings are that of a real artist's admiration, because they are not ordinary, but extraordinary in symmetry and color blending and of greater variety than any other bird, each section being different, requiring special attention in mating to have every section



BUFF PLYMOUTH ROCK.

A prize-winner at Minneapolis, St. Paul and Chicago. Bred by Alf. A. Zeimer, Austin, Minn.

fulfill best requirements. The natural beauty of the most perfect type of the Silver Wyandotte is incomparable in the estimation of those of best cultivated taste, because of variety, symmetry and beautiful blending, as can only be produced by nature's inimitable touch, a true representation of which cannot be portrayed in art's best production, even though it be an oil painting, and a beauty that cannot be conveyed to the most scrutinizing eye in the dingy light of the best show room. It is only when viewed in nature's open canopy, untrammelled with obstacles of vision, that the sheen and blending presents itself in its natural gorgeous effulgent beauty.

The size of the Wyandotte is just what the general market requires—is neither too large or too small to command ready sale. This is significant because the general markets discriminate between the large and small bird. For table quality the first favorable impression is the carcass, of blocky, solid appearance, of rich golden color, its flesh solid and marbly and exceedingly toothsome, with the evidence of excessive fat absent in a well prepared, plump, heavy fowl for the table. This is a mark of superiority in the Wyandotte. Instead of fat being visible in lobes and globules on different parts of the body and on the inside, as is generally the case with fowls well prepared for the market, the Wyandotte is far less so. It seems to possess the peculiar

ability to absorb indiscernably what constitutes the excessive fat in others into its rich meat texture, to appear as only solid flesh. And the Wyandotte female is not so easily disqualified for the work of filling the egg basket. She possesses the disposition to absorb more food to turn to the profit of egg production; not so much inclined to grow over-fat and cease her profitable labor and die with apoplexy or fatty degeneration of the heart, and that even though the food is always before her. She thus preserves the strong constitution with which nature endowed her to prolong her life and usefulness. There is no breed of fowls that can exceed the true bred Wyandotte in length of days of profitable usefulness. Hens seven years old have been known to begin with the early pullets in early autumn and continue through the winter, all the next summer, and broody only in next autumn and just before entering the molt. This is no fish story, but likely not to be believed, as is the history of the doings of this old bird even from its very introduction. Nor will it be believed, as proven by experience time and again by breeders of this old pure-bred strain, that in every laying or breeding pen well cared for there is generally more than half, often two-thirds, of the number therein every-day layers, and in every ordinary flock of these birds can be found females that are as absolutely non-sitters as are other claimed non-sitting varieties. For egg production the Wyandotte blood counts wherever found, the old progenitors justly winning the world's championship honors, and are able to transmit the egg-laying quality more or less in every cross made with them. The high egg record began with Wyandotte introduction and can be traced to its potent influence today. The egg-producing quality is an unsolved problem with all poultrymen today, unaccountable, not known how to reproduce or properly cultivate, but in this nature's begotten bird we have presented to the world the greatest attainment—a gift of Providence to benefit mankind. Therefore, the wisest and best thing to be done is to borrow from this noble best bird its good qualities and transmit to other varieties and improve their qualities, the thing that has been done and is being done, but the wisest and best way to succeed in promoting the great and valuable feature of egg production is never to detract from the well-known and demonstrated qualities of this grand bird by the indiscreet thing of deteriorating it, by crossing it with inferior blood, with the foolish idea in mind of improving the qualities of this old bird. There is only one course to pursue and that to experiment in the mating of the same blood, and it is possible you may succeed in some improvement in some particulars in the specimens thus produced, but never, never by any other means. This egg-producing propensity of this old bird is simply wonderful. It has been known to develop at a very early age—instances reported at four and a half months from hatching time. One difficulty encountered with breeders of this old bird is to endeavor to hold the laying propensity in check in the young female until she has developed to the proper size to comply with the Standard of Perfection requirements, which is the maximum weight for any Silver Wyandotte for best practical purpose should be permitted to reach. Less size than the Standard requires would even be better for all profitable utility qualities.

The Wyandotte is a rapid developer; most profitable for the broiler-plant industry; most attractive shape; carries its round, plump form from the early hatch to maturity; flesh more solid; necessarily more flavory and toothsome. Two pounds in eight weeks and three pounds in ten weeks from hatching time is Wyandotte achievement. The Wyandotte is very quiet and tame; good sitters; just proper size for best hatching of a good nestful of eggs; not too heavy to break them; careful mothers; easily broken from being broody, etc., etc. We could mention other exceptional characteristics of this most perfect fowl, but said enough—article now too long. Close by saying, give the old Wyandotte the credit due from history and experience.

Grit and shell are necessary for fowls if best results are to be obtained.

Now is the time to put in your supply of green food for winter. This will help fill the egg basket when prices are high.

The season is now coming when all fowls should be given exercise. This can be furnished by making them scratch for their feed.

Don't try to house too many fowls in one house. Overcrowding of fowls results in sickness and loss. Prevent this by proper housing and care.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to Thomas A. Tippet, Scales Mound, Ill., and the second prize to H. H. Karrer, Phoenixville, Pa.

SUGGESTIONS FOR BEGINNERS



THE aim in this brief article is to further the interests of prospective poultry raisers by offering suggestions and giving a few pointers as to how to make a start.

Of course some capital is required, but the raising of poultry is a business in which much may be accomplished with a very small amount of money.

We shall take \$25 as a working capital with which to purchase a pen of pure bred stock and erect a suitable place to have them comfortable.

The proper time to commence is right now—get busy, make the necessary preparations, and get your birds as soon as possible, as a better selection can be

made early in the season than can be had later, and if properly fed you are sure of a good profit from them during the winter, and can easily raise from one to two hundred birds next year. This is only a fair estimate; many have done much better. All depends on the amount of care we are willing to bestow on our flock. There are no secrets about the business; just use a liberal amount of common sense, plan your work, know what you are going to do, and then do it.

Any business proposition, however great or small, must be well planned if we expect to push it to a successful issue.

Decide on the amount of space you will devote to poultry, some of which should be a grass run. Next in order is a house, which need not be expensive but must be comfortable.

For a pen of birds a piano or large dry-goods box, or two such boxes, joined together and covered with roofing paper, will answer the purpose admirably at a very small expense.

We have housed some very expensive birds in a piano box by placing a window glass 12x14 inches in one end, a door in the opposite end; remove the entire front and fasten the boards together with strips, thus making the box easily accessible for cleaning. During the summer leave the front open or cover with screen wire; on the approach of cold weather cover the space with cloth, and during severe weather replace the boards.

To be sure, to commence with a pen of birds and a piano box is on a rather small scale, but for those who have no experience with poultry we advise commencing at the bottom and increase your flock with your experience to successfully handle the poultry business.

Ability to perform hard labor is not a necessary requisite in this business. Many who have ill health would be greatly benefited by taking up this line of work. A person caring for a flock of chickens is required to be in the open air a part of the time, and, the work being light, is perfectly adapted for women as well as men.

Some seem to shrink from the poultry business, thinking

that in order to raise poultry we must also raise lice and mites, but such is not the case if the house is thoroughly cleaned once every week and a liberal amount of coal oil used.

After having made the necessary preparations we are ready for our birds, and the proper variety to select is the kind you like best and the birds best suited for your purpose.

We have bred Barred Rocks and Black Langshans for more than ten years, and consider them second to none for an all-purpose fowl.

We have Rocks with records of 247 eggs per year, and Langshans that have laid 263 eggs in eleven months. This, however, did not come by chance, but is the result of careful selecting and breeding. Our aim is to better the laying qualities of our birds and breed them true to color. Culls and old stock of the above varieties bring a good price, we having sold hens weighing ten pounds each.

We have mentioned our birds simply to show why we selected the above varieties, our object being eggs and weight with all the fancy points obtainable.

We are not writing this to advertise our stock, nor advising anyone to commence with Barred Rocks and Black Langshans just because we like them best and have found them very profitable, but reiterate commence with the breed you like best and the kind best suited to your purpose. We would, however, advise that you get nothing but pure thoroughbred stock.

Every spare moment can be profitably taken up reading the excellent articles given each month in the poultry journals.

Four journals come to our desk each month, all of which are carefully preserved, and at the end of each year are bound or properly fastened together, making a book containing many valuable helps for reference.

Books are also published covering almost every branch of the poultry industry, which can be had for very little money, and the reading of good poultry literature will no doubt make a glowing success of what otherwise may have proven a disastrous failure.

Thomas A. Tippet.
Scales Mound, Ill.

STARTING WITH DAY-OLD CHICKS



ON March 17, 1910, we received twenty-six day-old Barred Rock chicks from a Pennsylvania dealer.

They were kept in the house until the 19th, then they were put outside in a brooder without heat. Half of the brooder had a floor; the other half contained about four inches of sand.

We fed small amounts of chick manna three times a day on the second day, and by noon of the same day all but five were able to scratch.

Seven of the twenty-six died between March 18 and 22, three of them on account of carelessness. They were allowed to run outside the mother early. One cold morning they became chilled and died.

We continued feeding manna four days with a small amount of chick grit sprinkled over it. A small quantity of chick feed sprinkled in the cut clover was given after the third day. This was increased gradually, and later cracked corn was substituted.

Wheat bran was kept before them from the start.

When they were about three weeks old the following mash was given: Wheat bran, two parts by weight; corn meal, four parts; middlings, two parts; linseed meal, one part, and beef scraps, two parts. This mixture was moistened with sweet milk and fed morning and noon.

By the time the chicks were five weeks old they were fed

two litter feeds of cracked corn and whole wheat, equal parts.

At the age of twelve weeks a commercial feed for growing chicks was substituted for the mash.

Having more cockerels than were needed, we disposed of six at the age of twelve weeks. The combined weight of these was over sixteen pounds.

When four months old two of the remaining cockerels weighed six pounds apiece. These were the largest from the start.

Our chickens have always been confined.

After they were too large for the brooder they were transferred to a house four feet wide and eight feet long. The lower floor contained sand and straw for scratching; on the upper floor were the roosts and laying boxes.

On July 10, at the age of three months and twenty-eight days, we received our first egg. During the balance of July we received twenty-five, and at the time they were five months old we had received eighty-eight eggs from ten pullets.

For the month of August the record shows 149 eggs received, eight being the highest number gathered in one day and forty-four in one week.

This being our first venture in poultry, we are very much encouraged with the results we have obtained. We have been informed by persons who are familiar with poultry raising that these results are remarkable.

There may be those who doubt the age of the pullets, but we can produce proof as to the time of hatching and also of laying.

These chickens were purchased as ordinary utility Barred Rocks—no particular strain. They have had the best of care; fresh water is given not less than twice a day, the droppings are removed every morning, good clean straw provided for litter, and nothing but good, clean, wholesome food given.

H. H. Karrer.
Phoenixville, Pa.

IS THERE MONEY IN THE POULTRY BUSINESS?

Indeed, there's millions in it, but the great problem is to get millions out of it. The majority of people who contract a malignant form of chicken fever firmly believe that all one has to do is to purchase the eggs, hatch out the chicks that are contained there (?) and in a very few months said chicks will reproduce themselves several times over.

If one buys eggs from pedigreed stock, and if "like begets like" (which it does not always do in chickendom), why, of course, one's fortune is soon made; but in any event a year's trial will go a long way toward reducing the temperature to nearly normal, without the aid of other medicine. Of course, I am only speaking from the standpoint of one lone chicken crank, and because I am of the gentler sex my ideas no doubt are not to be taken seriously.

I sometimes hear of pullets laying at the age of three and one-half and four months, and also of pullets that have hatched out a nice brood of chicks at five months, but my ancestors came from Missouri. I am frank to confess my pullets, all thoroughbreds, do not behave in such a manner. Indeed, if I had a pullet lay eggs at such a tender age, and then presumed to get broody before she had reached the months of discretion, I should feel inclined to spank her fluff and put her in a cold air box until she had decided that her mission in life was to lay eggs right along all winter and leave the hatching of chicks to the old hens at the proper time of year.

The millions we hope to get out of the chicken business is still concealed in the winter eggs which the majority of chicken men and women do not get. Why? Because their hens are not bred to lay in the winter. Any hen will lay in the spring, and she does not require a long pedigree to do so, for that is what nature intended her to do, but to induce her to lay all winter when the price of eggs (packed ones at that) is ranging from forty to sixty cents per dozen, it requires careful breeding for more than one year.

But, seriously speaking, and for the benefit of the beginner, the profit in the chicken business, aside from the sale of eggs and stock at fancy prices, must come from "winter eggs." These can only be secured in paying quantities by having proper winter quarters, sanitary environments, proper feeding of well balanced, wholesome rations, plenty of pure, fresh water, grit, shells, etc., and if the fowls are of a good, healthy strain to start with, a proper observance of the foregoing winter eggs will certainly be the result in paying quantities.

The following out of all this means work, and plenty of it, but I practice what I preach, and after moult in the late summer, my birds start in for early fall laying, and keep it up through the fall and winter. A visit to my coops last winter in January and February, when the snow was two and three feet deep on the level, found them singing, cackling, and contentedly dusting themselves in the dust boxes, and the egg basket was satisfactorily full at night.

O, yes, there's money in the chicken business, and it can be taken out in the shape of deliciously fresh, sweet eggs when the prices are soaring. There is not only money in it, but a whole lot of work as well, and worry and disappointment, dishonesty, etc., but at the same time there is nothing that can give more real pleasure than a flock of beautiful thoroughbreds, especially when you know they have been virtually transformed into little egg machines.

So here's to the hen of widespread fame, who until lately did not sport a name. But now we call her Queen, or Pet, or Bird, and names the like of which she never heard. I still think if some hen that's just "farm bred" should some day take it in her dear old head to make a nest up in the fragrant hay, and get to work and lay, and lay, and lay, and we should feed her nice sound grains of corn and wheat—being quite sure she had all she could eat—then give her lots of water, milk and grit, the "high bred" hen would either have to hump herself or quit.

Alliance, Ohio.

M. E. Crandall.

HOW TO PREVENT COLDS AND ROUP

As it is now nearing the time when we may expect roup and colds amongst our flocks, I feel that I would like to give a few hints for the prevention and cure of that disease. In the first place, have your house comfortable, and see that it is dry at all times. Nothing is more conducive to roup than damp, filthy quarters. On our plant the houses are built on the shed plan, are about 8 feet in front and 5½ to 6 feet in back; the front is entirely open, excepting one door 3 feet wide on the east and the same amount boarded upon the west, and every two feet there is a 6-inch plank running from the floor to roof. In these spaces we have heavy wire nailed on the inside to prevent the fowls flying out (also to prevent any one from getting in). At the top of each space there is a single sash containing four small panes of glass, securely hinged at top, and we keep them raised out all the time so in case of a hard rain there is no danger of it blowing in and getting their quarters damp. In winter we put one sash at bottom and cover the remaining opening with muslin. In a house sixteen feet long we have four such windows; each window is fixed this way: The houses are about twelve feet from front to back, and the entire house is covered with heavy roofing paper and then painted with tar. All droppings are removed every morning and the houses are whitewashed and sprayed every week. By this means we keep our birds healthy and happy. During the first approach of fall we begin putting one tablespoon of coal oil and about one-quarter teaspoon red pepper in every gallon drinking water, and should one show symptoms of cold dip a feather in spirits of turpentine and swab out the throat. Once a long time ago I had a cockerel that I intended showing and along in September he came up with a swelling on the right side of the head, and I'll admit I felt blue, but as I didn't like to give up I bathed his head in soapsuds and dried it and then applied vaseline all over the lump; gave him a two-grain quinine tablet, repeated the treatment three days and he was cured, and also made good. If all who love their birds will observe these simple rules there will be no trouble with colds. Keep them dry; see that there is no draught; feed well of the best feed, as there is no saving in using inferior stuff. Add a small quantity of coal oil to the drinking water and keep them clean. I have three breeds—Buff and Barred Rocks and Buff Orpingtons, and a finer lot of birds you won't find. And this is practically all I ever do for the prevention of roup. And as I have every breeder's interest at heart, I desire to aid them in any way I can, and believe if this plan is followed it will save much loss. I know it is true as I have used it for years, and have no loss, while other breeders around here lose almost all their birds, and try all the new remedies on the market, thinking coal oil is too simple to be effective.

Centralia, Ill.

H. L. Ragsdale.

Have you everything in shape for winter? If not, better get busy now. It won't be long before the fowls will have to be put into winter quarters and these should be ready to receive them.

WHO'S WHO IN HENDOM

Well, for goodness sake!
The fall is come again. We
said the same thing last year and
have managed to live through it,
hence the daring to say it again.
Fall is a nice time. I am tickled
to death with it. Do you not,
dear peruser of these lines, recall
the words of the poet:

Oh piffle, dear Dollie,
Please look who's here,
'Tis Autumn, Miss Autumn,
The best of the year.

These lines are Backyard Rip-
plings, or are they of Burns,
or Tennyson, the pote of the Irish
peoples? But no matter whose
they are, they be sweet lines.
The blackbirds have hit the trail
for the south, the robins are
packing, the nasty jays are gone and the crows will soon
be thinking of it. This is the season when the turkey ar-
rives at what Max Nordau calls the third stage of the human
development: Physical, mental and spiritual. The last for
Mr. Gobbler.

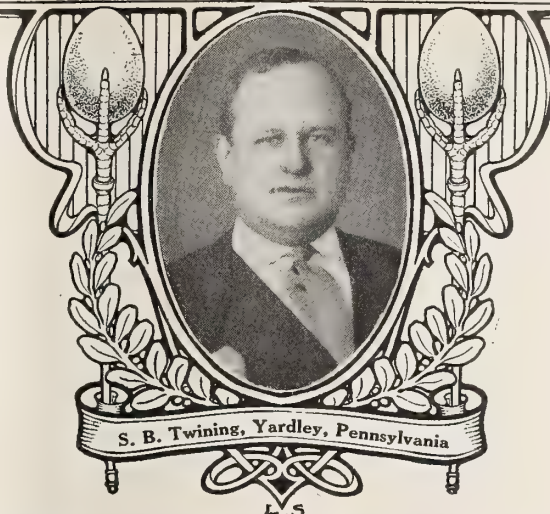
Well, I am over the roast I received in the last American
by the bantam fan so I will put on my old gray bonnet
and start out again for the fairs as the frost may be deep
on the pumpkin and the shock ere I return. Like Uncle
Tom in his characteristic saying in that well known drama,
"Has Anyone Here Seen Kelley," I will depart, but I shall
return.

I should have squeezed in Toronto's fair in the last issue
but those good Canucks will pardon me, I know, as they
can go ahead and get up a great fair no matter whether they
have help or not. Sometimes I think they are like the new
station master who took down all the signs telling one to
beware of pickpockets and changed them to read: Beware
of your friends.

Next comes the New York state fair. This fair is known
as the great peacemaker. The boys get together and decide
they are not competitors at all, but are friends, sweet
friends, and that the showing of birds in the hen depart-
ment is nothing more or less than an institution for the
dear love of comrades. For years it has been nip and tuck
as to which part of the original twelve and one colonies
should be the one and true cradle of the fancy. One year
the New York bunch, naughty boys, would claim it and
hold it. Next year the Brockton rascals would steal over
and take it way. Sometimes they took the kid with it.
Poor child. It makes me weep to recall how this strife has
made a dog's life for the cradle and the cradle-ee. I am
not good at recalling all the fellows who go down to Syra-
cuse, but the big bunch generally goes down there to
sea—to see the Rocks. Thompson and Graves and Miles and
the rest. There swarms from over the border the four
hundred of Canadian fancy, and they do say at Syracuse,
Hagerstown, New York and Boston that it might aptly be
termed the charge of the Modern Six Hundred. Syracuse
is some fair. Mary and I got lost there inside of twenty
minutes. It took about all the York state fellows that I
mentioned in my trip up state in a recent issue of the
American to find us. If memory serves me right I awoke
in the Oriental Bazaar, whatever that is. But let us go
on over to

Brockton

and see what the sky offers in the way of something damp.
There are a lot of familiar faces down there at Brockton.
Here are Arthur Smith and Mr. Bright, Charley Welles,
Uncle Dan Lambert, and down the road come A. C. Hawkins
and Arthur Duston, driving behind Hawkins' team of
steppers with pedigrees tracing to The Abbe, Minor Heir,
and Jesse James, damned by all the drivers of slower crow-
bait that have to take their dust. They are as clean
gaited as a model village, sweet tempered as a day in
June, tuned up like Babcock's Juggernauts and as delicately
mouthed as a Coney Island eunuch lion that earns his liver
by opening his jaws and encompassing the head of his



human brother. Isn't that poetic?
By George, I like that.

Off a little from the main
thoroughfare I notice Dan Lam-
bert's new eight cylinder honk
chariot and buzz buggy, Tran-
quillity. He named her (we
speak of them in feminine terms
because they are so expensive to
maintain) Tranquillity because he
is getting over the strenuous
years he put into making Death
To. He wants to be tranquil to
the end of his days. And the
idea is simply immense. The
man with the tranquil mind, per-
fectly poised and under his own
commands at all times is cool
and resourceful and one to pat-
tern after.

Uncle Ike Felch is there, too.
He holds in one hand his breed-
ing chart and in his other his pedigree that traces back to
the sunflower. He tells me that he is well along in years
and that he has yet to see the show in which he cannot
pick up some chicken information. Every other fancier
of the Bay State is on deck here at Brockton as well.
Many are there from the adjoining territory. But I have
so much ground to cover that I cannot get to all of them
and shake hands as Orville Wright is waiting for me to
carry a fellow traveler and myself back, back, back to

Allentown.

Allentown is some town. Ever since I could read it
might have been named Wittmantown. For years I thought
there was but one fancier in it. But Wittman got mighty
busy here of late years and has run some shows down there
that have helped the fancy. They have added to the rank
and file and status of the fancy in that end of the coun-
try. This season's fair is but the picking up of the plums
that Wittman has knocked off the trees with the thirteen-
inch advertising guns that he has been steadily firing. The
advertised fancier who has not received a copy of the Allen-
town list of premiums in the poultry department does not
draw breath, so thoroughly has Wittman scoured the coun-
try. Just think of ten thousand dollars and a carload of
specials at a fall fair given on poultry alone. Many a
state fair never hung up this much mazuma on all kinds
of stock and races and koochee shows. White Orpington
fans are offering a big list of money for birds in their
classes and all premiums are open to world competition.
Read this:

This fall fair poultry show is run on the lines of the big
winter shows, all features being right up to the minute. It
is exceedingly well advertised and has a prestige and name
which carries weight in the poultry world. The crowds, too,
are there, and it has a well-deserved reputation as a place
to do and to make business for poultry fanciers. The Ban-
tam and pigeon shows, too, are as big or bigger than some
of the big winter shows. First prize in Bantams, \$4, two
to fill a class. First prize in pigeons, \$2, two to fill a class.
The following is offered in Columbian Wyandottes: \$50 cup
for best cock, hen, cockerel, pullet and pen; \$50 cup for
best pullet, \$10 cup for best cockerel, \$20 cup for best cock,
\$20 cup for best hen, \$20 cup for best hen, \$5 cup for
best hen, full set ribbons National Columbian Wyandotte
Club. There are cups in nearly every breed and variety.
White Holland turkeys have two cups. Table eggs will be
a new feature this year. No entry fees. Four classes,
with first prizes, \$2; second prize, \$1.

It takes Old Tranquillity to hit up such scorching as this.
In fact, Wittman was once nearly jerked up for exceeding
the speed limit. Ten thousand cold rolled and Spanish
milled dollars! Why, Bo, the Spanish navy could be bought
for that. Think of it. Money enough to float a little empire
all being given to the poultrymen of this land to send their
birds down there and make a try for it. But here comes a
little

Ka-noxville,

who is not so little, after all, and wants us all to boost for

her coming Appalachian Exposition poultry show. This is another of the numerous times in which the pride and the glory of the South, as far as her fancy poultry is concerned, will make good. Knoxville has all the best southern breeders behind her. They are with her to a man. Birds will be at Knoxville from Illinois, Indiana, Kentucky, Tennessee, Missouri and other states that are not so far south. It should be remembered that one of the best bits of advertising that we all saw in the papers the past winter and spring was made on winnings gleaned at one of the big southern fairs last season. This sold the breeder a big lot of birds in new territory. It paid him well to make the exhibit. He will get business for years to come out of those very winnings. The South is one field we have been more or less prone to neglect as a rapidly developing poultry field.

And now we come to

Hagerstown,

the at one time great fall poultry show of the country and yet a leader among them. Hagerstown is a fair that showed the way and guided many another big one of the fall expositions away from the rocks and into safe channels. Winnings at this fair have made many a breeder. The war horses of the past used to congregate down there every fall. They do yet. My, what a host of them! The boys tell me that Hagerstown is still one of the best selling shows in the country. I believe it.

Every year as the leaves turn to a golden yellow and then chromatically shade off into carmine and sepia and crimson, the thoughts of Hagerstown get into one's head and do not leave till he has gone and seen for himself this annual dean of all poultry shows held in the fall. So many adjourned meetings of the A. P. A. have been held down there that one cannot remember them all. The faces we used to see included Rumbold, Blanton, Howard, Davis, Nevius, McGrew, Purvis, easterners by the score and southerners in numbers. From the western states there were a few with us and many are the members of the A. P. A. picked up there by the zealous workers.

Last month I omitted Denver in the list of the big western fairs. I should not have done this, as they hold a ten-days' fair and real western exposition that is a ripper. That bunch went down to St. Louis and produced the ten buck memberships in great shape. They dig 'em out of the ground out there and they are easily found, it seems. Chickenists are growing in great numbers from season to season. The fancy is on the boom and we are seeing more and better shows Denverward every winter.

The supper bell has sounded, reader, and as I am lank in the region of a perpetually empty bread basket, I am going to ask that you let me off till the moon changes, as I am saving up to roast the show secretaries in my next letter. They are a retiring lot, and the professional etiquette that exists among them used to be something fearful. They are going to get theirs. It will be good and plenty, too. Yet, I love them, and the wife says not to use too tough a switch.

PERFECT MATING OF BIRDS

**Sexual Selection in the Mating of Fancy Fowls—Cause of Infertile Eggs—
The Charmer of the Flock—The Nearer to Nature
the Better the Results**

Written for American Poultry Journal by Rev. C. E. Petersen, Bridgton, Maine



possible to meet the Standard requirements, for this is what he is breeding for, or the purpose of the selection of birds suitable in shape, color and size requirements, which without

AFTER years of close observation we are forced to say that the above subject has received but scant attention from the breeder of fancy poultry, and this is more to be deplored because of the fact that it takes an important part in almost every mating made, for in natural selection it is one of the chief factors for the preservation of type and breed characteristics, but under artificial conditions the fancier becomes the selective medium and neither male nor female is taken into consideration from their own viewpoint of what constitutes beauty or attractiveness, but what is of the highest importance to the fancier is, that they come as near as possible to meet the Standard requirements, for this is what he is breeding for, or the purpose of the selection of birds suitable in shape, color and size requirements, which without

we fully recognize not much of an improvement could be made; but, on the other hand, if the choice of both female and male is set aside, sterility in very many instances has been the result, and as a consequence no issue from perhaps the best bird in the breeding yard, and, what makes it still worse, is the fact that if the breeder had noticed in the beginning that either the male or the female avoided the other, this condition could very readily have been changed and better results obtained.

I have on very many occasions had to deal with the above conditions, and there has not been a single year during an almost lifelong experience with poultry where both males and females absolutely refused to breed together.

In one instance I had mated a splendid specimen of a cock bird to a pen of several of my best hens, and one of them was in almost every detail a complete match to the master of the harem, and I expected great results from the eggs laid by this one hen, and of course took for granted that the cock bird would fertilize the eggs as readily as with other hens with which he had formerly been mated, for besides being a strong bird in the points that go into the making of what I, from a fancier's standpoint, call beauty, he was a strong, vigorous breeder and very prepotent in his issue, stamping his offspring with his own strong characteristics, and not only as far as his own side of the line was concerned, but his strong and excellent qualities would influence the female offspring as well, a thing which, by the way, is very seldom found in males, but which when found makes the great sire.

But all my expectations were rudely shattered, for from the very beginning of his introduction into this yard of fowls he took an instinctive dislike to this the best hen in the yard.

Cock-like, he courted one hen after another and showed himself as gallant as any male could possibly be expected to do, but whenever he came near the hen mentioned it was head down, hackle feathers erect, and abusive treatment followed.

I finally separated the hen from the others for a term of several days and then again put her into the pen, but with exactly the same results.

I then separated the cock bird from the hens, and after leaving him alone for several days, took the hen that I was anxious to have him mate with and put her into the pen with him, thinking that with only her for a female companion his antipathy might be set aside and a better and more agreeable understanding established.

But they knew one another as soon as they came together. He, without a moment's hesitation, began his pursuit and abuse of the female, and after several vain attempts I finally was forced to abandon my hopes of any results from this uncongenial pair of birds.

After the breeding season was over and I had turned out into an orchard something like twenty females, I took this same male and put him with the flock, and after making himself agreeable to the flock he discovered the hen to whom he had this strong dislike, and immediately began his persecution of her.

The following year I again tried to mate them together, but with exactly the same results, and I was forced to breed this hen to another male bird, and not only was she a most amiable hen, but a good layer and a very strong breeder with any other male, as he was when mated to other females.

This is an instance so pronounced in its different aspects that even a tyro in poultry breeding would have noticed it and made a separation and properly so, but there are many other less pronounced instances where it would simply be a matter of neglect; the male would treat the hen all right socially, but otherwise neglect her, and the eggs would of course as a consequence prove infertile.

I am thoroughly satisfied that in almost every instance where many fertile eggs cannot be secured from a certain breeding yard, that on close observation it would be found that the cock bird is vigorous enough, but that his attentions are bestowed on one or two or perhaps three females to the utter neglect of the other inmates of the pen.

And the same thing will take place as far as the females are concerned, for there are females which will not produce fertile eggs with some males which refuse their attentions and where a strong male uses force to subdue the unwillingness of the female, which often is the case, only imperfect impregnation takes place, if any, and the last is more often the result.

That a sexual selection takes place where a large flock is permitted full liberty and where a number of males run with the flock, cannot be denied, and even the casual observer has noticed that before many days each male has selected his own consorts and keeps them apart and gives them his par-

ticular attention. Even different breeds will not readily mix where full liberty is granted, but will keep separate with their own males and very seldom encroach on the premises of the others.

Now, to our idea, what I would call a perfect mating would be the one where there would be a perfect union between the male and the females, for without it no great results can be obtained.

Many a breeder has put his best females into one pen and mated to them a cock that he thought was strong and vigorous, and after some time the eggs would be gathered and after a few days of incubation tested and only found to be partly fertile.

More time was given; some other reason than the right one was relied upon as to be the cause of the infertility, only to prove in the end that the reasoning was false, because the infertile eggs did not decrease, but kept on coming in about the same proportion.

Then generally the cock bird is changed and another substituted, which in many cases is done reluctantly, because he is the best bird and the one on which a good many future results were built, but what is the use—he don't seem to fertilize as many eggs as he ought to and there is nothing else to do.

Now, there is something else to do! If a trap-nest system is in use, find out the females with which either he will not or they will not breed and remove them from the pen, substituting some other females, and a great improvement in fertility will take place, and the hens when mated to another



WHITE PLYMOUTH ROCK.

First prize cock Detroit State Show. Bred and owned by Lyman H. Hill, Jackson, Mich.

male will in turn prove fertile. A good many failures are simply due to lack of observation, and many a season's work has been retarded because the individual likes and dislikes were not taken into consideration.

There must be a strong attraction on either side to have strong potency, and it is a well-known fact among breeders of experience that the eggs first impregnated early in the season give the very best results as to the so much desired fancy points for which most all matings are made.

It is true that the chickens hatched early in the spring are in every way better than those hatched later, and the reason for it is not only because that the spring favors growth to a greater extent at this time of the year than at any other, but because that early in the mating season the strong inclination of the male to some females, or conversely, makes a still stronger combination to implant breed characteristics.

We are fully aware that Darwin meant a good deal more by sexual selection than what we have here set forth, but we are applying the term of affinity, which must be there to make breeding of fancy poultry successful.

On the other hand, the most beautiful and the strongest male bird is generally the one that becomes the charmer in the flock, and the female is willing to be charmed by him and will in turn charm the male, and the complete mating, as I may call it, is perfected. Wherever it is possible the fancier

should do his utmost to help out this perfect mating; he should select the most robust and best furnished male that he can find in his yards.

A male with imperfect growth of hackles, sickle and saddle feathers is not a good bird to breed from.

Let him be well spurred, well furnished, a good, vigorous crower—in fact, a regular spoiler for a fight with another male, and such a bird will be very attractive to the females and prove an excellent breeder.

Another thing experience has taught me is this—that the females in a breeding yard will breed better if two males are put in at the start, which, of course, will result in a fight.

But the breeder can regulate this matter in such a way that he feels sure that the bird he intends to leave with the females will come off the victor without getting himself hurt.

This may seem a peculiar proceeding to very many, but take my word for it, it will consummate a more perfect mating and give better results as to the final outcome.

It is nature's method, and the nearer we get to nature in our proceedings the better the results obtained; females like a good fighting male and will attach themselves to him more readily and even invite him to be charmed by them, and chicks from such a mating, other things being equal, will be the best in the flock, for, like the Frenchman's shoes, they were made in a moment of enthusiasm.

But enough has been indicated as to the importance of the subject, and so let me sum up in the words of a noted investigator as follows:

"The process might be set forth from the sexual standpoint as fourfold.

"First, the quest of the female by the male. (Pursuit.)

"Second, the struggle of the males for possession of the females. (Period of female interest.)

"Third, selection of the male from the females at his disposal. (Fascination.)

"Fourth, exertion of charm by the female. (Mating.)

"The order of the series of events is not important. The vital fact is that there is such a series of events in the sexual life of all multicellular organisms capable of true sexual life."

FEATHER OF THE BARRED PULLET

A Portrayal of the Defects of the Barred Plymouth Rock Pullet Feather in a Way That Will Delight Every Breeder of This Variety. The Proper Length, Width and Barring of the Feather, Together With the Proper Spacing and Width of Bars are Fully Explained.

Written for American Poultry Journal by S. T. Divinia, St. Joseph, Missouri



WIDER differences of opinion exist among Barred Plymouth Rock breeders as to the correct pullet plumage, than almost any other section of this beautiful, yet difficult breed. Standard shape is much more easily discerned than plumage.

The Standard description of breast, back, tail and comb are easier of interpretation than barring and color. Our fanciers generally agree on the Standard requirements so far as mere carcass measurements are concerned, but when we come to the feather of the pullet of this variety, even successful exhibitors hold widely different opinions.

There are very many shades of color shown by the winning females of our best American shows. These shades of color range from the fairly clean colored male-line female to the open, splotchy, barless specimen of some years ago.

Four Distinct Types of Pullets in Prize Pens.

The experienced eye of the Barred Rock breeder can often readily detect four distinct types of pullets in first prize pens at some of our best shows, and only by a wide stretch of the imagination could any one of them be called standard. I feel that this is true in too many of our high class exhibitions.

Unless there is more uniformity in our exhibits we are sure to lose that general attractiveness which helps greatly in keeping the interest in our chosen bird alive. The cause of this confusion is partly due, no doubt, to the fact that a few breeders have made such rapid progress in breeding

Barred Plymouth Rock pullets, that most fanciers, and not a few judges, have failed to keep pace with them. For long prices, these advanced breeders have placed some of their choice specimens in the show room in their customer's hands and even the judges did not know what to do with them.

What is the Ideal Length of Plumage?

One thing that will help remedy this matter: clear our ideas, give us more uniformity in judgment in a detailed study of the feather as seen on the pullet. In studying the feather of the Barred Plymouth Rock pullet, every part of it must be considered. How many of us have any idea as to the proper length of plumage for the Barred Rock pullet—taking section by section? It is easy enough to avoid extremes. We all agree that the close, hard feathering of Cornish type is to be avoided, yet at the same time, with extreme length of feather we introduce a number of characteristics which we do not want.

Longer Feathers Are Advisable.

There is no rule by which any one can determine the proper length of the pullet's feather for any given section. Generally speaking, however, I believe we would do well to lengthen the plumage of our females, for I am certain that we find more specimens with too short than too long feathers. Close attention to this detail will help us establish uniformity in the matter.

The shape of the feather is also important. By studying the outlines of feathers from different specimens, we can readily discern many different shapes of feathers. This may be unimportant, yet paying attention to details determines largely whether or not we are specialty breeders.

The Barred Rock Pullet Feather is Entirely Too Narrow.

Speaking generally, the width of the Barred Rock pullet feather is entirely too narrow. Of all the good pullets it has been my privilege to handle, those that suited me best, those that stood out from the rest as particularly good, had without exception rather wide feathers. I do not recall a single specimen in which the feathers were too broad.

Surely the shape and width of feather have much to do with displaying barring and surface color to the best advantage. Add to the length of feather, shape and width, substance, texture, weight, and you have a combination that will best show off whatever barring the feather possesses.

Illustration Shows Splendid Width of Feather.

I have before me a feather from a first prize pullet at a national show. The barring extends from end to end of the feather, and is quite uniform—there is no doubt but that the pullet was awarded the blue ribbon partly on this uniformity of barring, shape considered, of course—but if her feathers had possessed greater width, the barring would have shown to a much better advantage. By paying attention to width of feather, and selecting our breeders with this point in mind, we can gradually widen the feathers of all our pullets.

It is truly remarkable what has been accomplished with the barring. While feather itself—length, contour, substance and width has not had sufficient consideration, who will dare say that the barring of the feather has been neglected? But there are many details that still require attention.

Spacing and Width of Bars.

Let us now take, for an example, the spacing of the bars—"regular" is the term used in the Standard. The plumage of a great percentage of the Barred Plymouth Rock females seen in our shows, has a large open space between some two of its bars. An old breeder told me that the cause was the improper development of the bird—arrested growth at some stage of its development. This may or may not be the cause—we have no means of knowing it—but by proper selections as well as proper feeding we should seek to overcome the defect.

Shaft Should Be Barred With Web.

The bars should be the same width. They should cross at right angles to the shaft of the feather, and extend the entire length of the feather. There should be no broken bars. The shaft should also be barred, and barred in the same places as the web. Too often the shaft barring is in the light background, instead of corresponding with the dark barring.

Where the Greatest Progress Has Been Made.

I want to call attention to the edges of the dark bars. There must be a well-defined boundary line between the light and dark bars—as if drawn with a pen. In no section of Barred Plymouth Rock culture has better progress been made than in straightening the boundary line of the bars. It is truly remarkable what has been accomplished, for it

can be found in perfection. Taking the Barred Plymouth Rock show females as a whole, and also those in the yards of the foremost breeders, there is yet much to be accomplished. Pay attention to the upper edge of the bar, for it is almost universal that the lower edge of the bar is better than the upper. Examine any feather plate you ever saw, or the actual Barred feathers, and you will find that this is true.

Having noticed this fact, let us give it due consideration in reference to other matters, and select our breeders accordingly. If you have a pullet, with feathers, the bars of which both edges are distinct, mate her separately and note the results.

Ideal Tipping Presents a Difficult Problem.

Another matter that should receive due attention is the tipping. In this question we have a difficult problem to solve. It has a relation to the character of the surface color of the pullet. The length, width, manner of overlapping of the feathers are all to be considered in this surface color, and they all have a bearing on the tipping of the feathers. The number of bars of each feather that show on the surface has something to do with the ringy appearance so much sought after. I have seen one or two pullets with fairly good surface, showing rings on the rounded portions of the bird, with no tipping at all to the individual feather, yet generally speaking, in the best surface color we find the individual feather with a narrow, dark tip, the lower edge of which extends straight across the feather, the upper edge, of course, follows the contour of the end of the feather.

Tipping Alone Will Not Produce a Ringy Surface.

While there is a great demand now for this tipping of the feather, yet my claim is that tipping alone will not produce a ringy surface. The width of the feather, the number of bars that show on the surface, together with the character of those bars and the manner in which the feathers overlap, all play an important part in producing a handsome surface color on our pullets.

In conclusion I want to say that it is the upper half of the feather that is the most important. The under-color craze has almost run its course—it is the easiest of all details to obtain, and it is important only as it helps display what is above it.

SOME VALUABLE HINTS TO BREEDERS

Contaminated Land Detrimental to Fowls—Alternate With Crops—How to Introduce New Blood

Written for American Poultry Journal by Dr. H. F. Ballard, Chenoa, Illinois



NO longer is there any doubt but that where the same land is used for poultry year after year, that it becomes contaminated to such a degree as to make it almost impossible to keep the birds healthy.

Especially is this the case with the small breeders who have limited space for their fowls. More and better and healthier birds can be raised if the ground is divided into small pens, and some kind of crops be planted in half the pens; the birds and the crops being alternated, sometimes three or four times in one season. Almost any kind of garden vegetables can be planted in the pens, according to the season. Then such crops as rape, kale, turnips, lettuce; and late in the fall winter wheat can be spaded in and make green food until Christmas time.

No matter how much pollution and bacteria the ground may contain, it has never been proved that any disease can infect the plants to make them injurious for food, either for man or animals. In the assimilation into the plant, all bacteria and obnoxious parts are entirely broken up and chemically changed to become nutritious and assimilable to animal life so that the plant feeds the animal, the animal feeds the plant. I expect to carry this idea out much more extensively another year, and expect to have at least three different yards for the use of but one yard of hens.

It is much better to be able to change a pen of laying hens from one used yard to another green and fresh one containing a nice crop of lettuce, rape or turnips, than to depend on lawn clippings or any green food cut and thrown into the same dirty contaminated old pen the year round.

I do not think it necessary to whitewash your houses three

times a week, as one of your correspondents recommends. Once a month is often enough for whitewash. Besides there are better lice destroyers than lime. Kerosine and crude carbolic acid will kill ten times as many lice and not a fourth the work.

Mr. C. W. Sixt tells of his experience in introducing new blood into his flocks. He says the male he bought "was a very fine one, good in all sections. In fact he was a better show bird than a breeder. His breeding showed that he came from a very poor line. As soon as I found his breeding qualities I disposed of him and all his chicks." Yes, and there was where you made a very big mistake. I have an idea that if the man who bought "him and all his chicks" had mated him back to his own pullets the next season, he would have raised something that would have beaten your flock "all hollow." It ought to be known by all breeders of experience by this time that the first outcross in getting new blood is nearly always a seeming mistake; it is the second generation that will tell the tale, not the first; and the man who stops here has simply thrown his time and money away. The very fact that Mr. Sixt's bird was "good in every section" showed him to be a bird of good breeding; no "hit and miss" mating produces such specimens. My opinion is he has a long line of ancestry behind him, which had become fixed; and such a specimen will produce progeny in the first outcross, which will simply "go all to pieces." You must look forward to the second, third and fourth generation to produce birds like the grandsire. The first outcross in varieties like Barred Rocks, P. Cochins, Golden Wyandottes, and in fact all the Penciled, Barred and Laced varieties will almost certainly spoil the color; and you must immediately start in on the line breeding idea in the second generation to get back to your color markings. Now, I should have bred that bird the next season on his own pullets; and I should have used his cockerels on some of my old hens. If you had done that you would almost certainly have had a different story to tell. Try it the next time—if you ever succeed in finding another specimen "good in all sections."

POULTRY RAISING AS A BUSINESS

The majority of people in my opinion who raise poultry are in the business for the money derived from it, therefore every move you make towards buying or selling you should decide whether it will be a profitable move or not.

Some people seem to think that the more money they can squeeze out of their customers by cheating them the more their profit will be, but this is not true. They may make more money by cheating their customers but they hardly ever make any profit. It does not take very long for the

people to find a dishonest man and then he will be down and out.

Did you ever see a poultry farm grow up to do a profitable business that cheated their customers? I never did.

The poultry business in order to be successful must be based on the same sound business lines that a manufacturing establishment is based.

Before you buy any equipment for your plant you should first decide whether the article bought would cause a sufficient increase in eggs or meat to pay for itself and make a profit besides. Of course you cannot always exactly tell the results that can be obtained but if you figure close with good common sense you will come out all right in the majority of cases. Hard work alone will not make money for the poultry raiser. He must work out problems and keep on the outlook for new and better methods of caring for his poultry. He must get acquainted with all the poultry diseases and the cures for them.

The best way for the poultry man to learn all these valuable topics is to read the numerous poultry books and journals. Every poultry man should have at least one book relating to every department of the poultry business. No one can raise chickens successfully if they cannot take care of all the little details that require prompt attention. If a pipe should become loose about the incubator or brooder it must be fixed without delay. It would surprise anyone not familiar with the poultry business to see all the little things that require attention.

I suggest that if you are planning to start a poultry establishment, that you first go through some large poultry farm and you will be a wiser and more experienced poultry man when you come out.

The men who manage these large farms know what they are about; they have found by experience the best incubators and brooders, and their method of feeding and caring for their poultry has behind it years of experience. There is not a piece of machinery or a pen of birds on their farm that is not making money for them.

The large poultry farm makes a good example for the small poultry farm to follow. There is a lot of difference between the large and small poultry establishment. The man who keeps a hundred or so birds generally carries water by hand for his fowls. On a large farm, by turning a handle to a hydrant at one end of the poultry house, all the fowls are watered. To care for a hundred fowls in the ordinary way takes as long as it does to care for a thousand fowls on a large poultry farm.

Large poultry farms are springing up every year; more and more each year. This fact shows that the poultry man's profits are growing larger and larger each year. The business men of this country are looking more and more each year towards the poultry business as an excellent place to invest their money.

Louise Legg.



WINNERS OF SPECIAL FOR BEST COCKEREL AND FOUR PULLETS BOSTON, 1910 BRED AND OWNED BY JOHN S. MARTIN, PORT DOVER, CANADA.

EDITORIAL

WE LEAD
OTHERS FOLLOW

65,000 A. P. J.'s for October, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-five thousand copies of the October, 1910, issue.

J. G. BUDDE,
Subscribed and sworn to before me this 22nd day of September, 1910.
[Seal.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

An Interest in the East

For a long time we have published the best magazine ever given to the interests of poultry. To be exact, our record dates back to 1874, and from that time to this is the age of our experience. We have paved a long road that others have followed.

During all of this long period of deserved prosperity the American Poultry Journal has maintained headquarters only in Chicago. This city served us well. As far as finances are concerned we could have remained in Chicago, profitably, forever. But profit is one thing and coöperation another, and we will not think of profit apart from that on which it depends—unitedness—our unitedness with you.

So we have done this,—we have opened an office in New York City to aid us in the better accomplishment of our work for our readers and our advertisers.

Progress today is rapid and we, with our friends, must move fast. Every hour that we can save gives us just that amount of additional time to add to that which we give you. With our New York office convenient to the entire East, we do more than save time. We eliminate space and make the man who before was far away, so close as a friend that his personality, in an unforgettable way, is linked to ours.

Then, too, our work in the East will be the cause of large gains in circulation. Big circulation means more pages of reading matter and increased value to you. And besides all this we are on the ground to enjoy many new advantages, to render aid whenever it is needed and to study, study, study.

Our New York office will be managed by Mr. C. W. Zimmer, a man thoroughly known in the West and soon to be equally known in his new capacity. Mr. Zimmer can be depended upon for good advice on many subjects, not the least of which is "how to make advertising pay." He knows thoroughly the prin-

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SUBSCRIPTION PRICE.

Subscription 50 Cents a Year—5 Cents a Copy of all Newsdealers. Chicago subscriptions 60 cents (when delivered by carriers). Foreign subscriptions \$1.00. Canadian subscriptions, 75 cents.

Look at the address on your wrapper. See that it is absolutely correct and notify us of any mistake no matter how slight. Note the expiration date which appears thereon as American Poultry Journal stops with the issue marked on your wrapper.

Make a memorandum of the number above your name and refer to this number when writing in regard to your subscription.

If you change your address give both your old and new address as well as your subscription number when notifying us of the change.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

The columns of the American Poultry Journal are always open to you, and we want you to make use of them.

I extend to you a cordial invitation to come and see me at 170 Broadway. If you can't come, write me what I can do for you.

C. W. Zimmer,
Eastern Manager.

Important to American Poultry Journal Advertisers

For years we have been urging the advertising patrons of the American Poultry Journal to pay more attention to their copy, telling them of the importance of changing copy often. This has resulted in much good to those who have followed our advice. It has also resulted in giving us much more work and has made it necessary for us to set a date when all changes of copy must reach us. All copy for changes of ads must reach us by the 15th of the month preceding date of issue. This will give us an opportunity to give each piece of copy the attention it should have, and still get the American Poultry Journal in the mails on time. Can we have your co-operation in this matter?

Announcement

Our great serial story, "Wayne Wentworth," will start with the November issue.

As a treat for our readers we have had written a very interesting continued story, the first chapter of which will appear in our next issue.

This is a true story, and the hero, Wayne Wentworth, is a born poultry fancier, and even as a child showed his love of thoroughbred poultry.

The story is told in a very interesting manner, each chapter fully illustrated, and teaming with excitement. It tells how poultry aided Cupid in a pretty romance, and we are sure you will be interested in following the hero's eventful career. You won't want to miss a single chapter, and no

ciples that lead to success in that business and 170 Broadway is too near for any new or even old advertiser to remain away. Mechanical difficulties that often puzzle the contemplative advertiser become simple when explained.

Things are going to start with a bustle, but that is what we want. We will never be too busy to cordially greet all comers, for that is the real reason why we entered the East.

From this date we are equipped to handle all Eastern business from 170 Broadway, New York City, and we request that all correspondence, regardless of its nature, be addressed to this office. To be more explicit, we mean by Eastern business all of that received from New York, Pennsylvania, West Virginia, states east of these and the Atlantic coast states of the South.

Now, remember that we want you to bring all of your troubles to us and we want you to ask advice whenever you think we are the right fellows to give it. The sooner we can do this for you the better we will be satisfied, for the people that we help most always become our friends. And just now we are expecting lots of new friends.

We have made a great stride in the poultry publishing business by linking the two largest American cities together thus. We have annihilated distance to serve you.

Our New York Office

In assuming the management of our eastern office, I realize the responsibility, but trust, with your assistance and co-operation, to fill the same satisfactorily.

So far I have been very kindly received, and I feel you are going to make my life among you very pleasant.

We have located here in New York City that we may be close to you; know you more intimately, and thus serve you better. Hereafter it is the American Poultry Journal of Chicago and New York.

doubt, if you tell your friends about this new and interesting department, they also will want to subscribe for the American, commencing with November number, so as not to miss the story.

It alone is worth several times the subscription price.

Ladies' Auxiliary of the American Poultry Association

Recognizing the important part the women are taking in poultry culture and appreciating the splendid work which they have accomplished, and believing that the American Poultry Association can do no greater service to the cause it represents than to take an active part in establishing a woman's department to be known as "The Ladies' Auxiliary of the American Poultry Association."

The purpose of which shall be to assist the women who keep poultry, through this subsidiary organization to disseminate information, to encourage them to take part in Institute work, and to contribute articles on all phases of poultry culture to the poultry press. The Auxiliary to be conducted along the same lines as branch associations. All lady members of the American Poultry Association to be admitted to the Auxiliary without cost; new members to be admitted on the same terms as at present—\$10.00 for life membership.

Fifty per cent of each life membership fee coming to the secretary of the American Poultry Association, through the Auxiliary for membership in the American Poultry Association, shall upon the election of the applicant, be returned to the Ladies' Auxiliary. This organization will be the means of furnishing its members the opportunity of arranging entertainment at such times and places as may be deemed advisable.

You are requested to sign and return the enclosed application and in due course you will receive a certificate of membership. Very truly yours,

American Poultry Association,
Mrs. S. Theo. Campbell,
Temporary Secretary.

Mansfield, Ohio.

The above is a copy of a letter dated at Mansfield, Ohio, September 5, 1910, and we wish to go on record as saying that the objects as outlined in this let-



Well, Martha, what dew you think of that? Ain't that a dandy coop fer yer theabreds. Guess that ere Jedge Schwaub will give 'em a pleasant look when he sees that coop, eh. So you like it all right. And, Martha, dew you know those Reds seem tew be as much interested in this 'ere coop as if they knew it was fer them and they was to be in it at the Fair. Now you better write to Mr. Clark at Willoughby, O., and tell him how well we done with the eggs we got from him and that we will show the birds at our Fair next week, and we hope to get a ribbon, anyway, fer their jes as puerty as can be and they will eat oten yer hand.

Say, Martha, I mos' fergot to tell yer that I heard Mr. L. C. Buschman, what breeds R. I. Reds in Indianapolis, Ind., was going to show at the Fair, tew, and some wan told him that we had some purty fine Red an' we was goin' to take them, too, and he jes' laughed. Now, him that laughs last laughs best, eh!

ter meet with our hearty approval and unqualified support. There are hundreds of women who are interested in thoroughbred poultry and an organization of this kind, if properly organized and managed, will result in hundreds more becoming interested at no distant date. There is certainly a large field for an organization of this kind, and Mrs. Campbell is to be commended for starting the ball rolling. We hope to be able to announce in the near future that a permanent organization has been effected.

Don't forget or overlook the great Chicago show, the second week in December. A prize won at this show will be a money-maker for you. Theo. Hewes, secretary, Indianapolis, Ind., will give you full particulars.

INTENSIVE POULTRY CULTURE.

With all the matter that is written about intensive poultry culture we are evolving a constantly-growing army of chicken folks who are interested in poultry growing and its possibilities on the city lot or other places, where the amount of ground is small and the profits necessary to be made to make the business or venture a success are harder to obtain than where there is more room for the fowls to range over and a greater amount of their living to be picked up. The smaller the poultry quarters the heavier the feed bills and the greater the chances of chicken vices. Hens must be kept busy to grow well. During the winter if their housing has been warm they have been known to do as well as in the spring. Chicks will



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS

It is acknowledged the world over to be the greatest laying and exhibition strain. I have 500 grand yearling hens for sale now at \$2 per head, and hundreds of cockerels and pullets after Oct. 1st.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

**BRIGHT'S BARRED PLY. ROCKS
BROWN LEGHORNS...**

Grove Hill Poultry Yards William Ellery Bright, Proprietor Box 410, Waltham, Massachusetts
A. C. Smith, Superintendent

grow as well indoors when the snow covers the ground as they have done outside when the conditions were not entirely perfect. Right now there is an amount of poultry journal space devoted to no yard plan of caring for layers in small houses and where the feeding is all supplied, both grain and animal matter and green stuffs. Here is something from the pen of L. E. Keyser, in Poultry Husbandry:

"A small flock on free range, with a good house to roost in, has usually been considered ideal conditions. Where a large number of hens were kept these were divided into flocks varying from twenty-five to fifty. In some cases flocks of 100, 500 and even 1,000, were run together, but in the East the smaller numbers were considered the most practical. These were placed in houses scattered over the farm or into a long house divided into numerous pens, each pen having an outside yard. One was termed the colony plan, the other the yard system. The floor space in the house varied from four to eight square feet, and the yard from fifty to 100 square feet per hen. The Cornell Experiment Station advised the removal of division fences, allowing all the hens to run together during the day. The objection to this plan is that the hens do not always seek their own pen at night, and no males can be run with hens so housed to advantage. The advantages are that we save the cost of division fences, the hens have a larger area to roam over and the yards are more easily cultivated and kept clean.

"On many egg farms it was found that the hens did better when confined to the house after the ground became frozen and during inclement weather in fall and spring. Some placed their hens in the house in the late fall and did not let them out again until settled cold weather in the spring and those who followed this plan usually secured a good winter egg yield. Mr. Hayward, of Hancock, N. H., was probably the first to adopt the no-yard plan entirely. He used A-shaped coops 8x8 feet in size, and into each of these coops he placed a dozen pullets in the fall, and they were not let out until they went to

market the following August or September. This was for a long time the largest egg farm in this country, keeping from 7,000 to 8,000 pullets. This method was severely criticized at one time by writers for the poultry press, but as the owner was evidently making money the criticisms were unheeded. Later an egg factory was established in Cincinnati, quite a large number of hens being housed in a three-story hen house and having no outside runs. For a time, at least, this plant was successful, but I do not know whether it is in operation now or not. The Philo system, which is used quite largely by beginners in a small way, has no yards; and an entirely different method, known as the no-yard plan, is quite extensively used. The big Corning egg farm keeps layers in houses without yards.

"If hens can be kept in small yards they certainly can be kept without yards. Small yards soon become bare and offer no advantages except increased exercising space, and all the exercise the hens need can be secured in the house, if the hens are made to scratch for their grain in deep litter. In fact scratching is better exercise than roaming about. Yards that do not afford the hens green feed are of little use."

The Illinois members of the American Poultry Association should wake up now and secure a lot of new members for the Illinois branch. Let us make the Illinois branch by far the largest in the association. This can be done without much effort. Send to S. T. Campbell, Mansfield, Ohio, for application blanks and get busy with your neighbor.

Mr. Frank L. Platt, who has heretofore been associated with the Hall Mammoth Incubator Co., of Utica, N. Y., has been appointed Eastern representative of the Reliable Poultry Journal. Mr. Platt, though a young man, has had a life-long association with the poultry industry and his wide circle of friends among the poultrymen of the country will welcome him into his new position. The Hall Mammoth Incubator represents a distinct departure from the old-line incubator and Mr. Platt's success

in introducing it into new fields has been remarkable. His salesmanship is of the kind that makes permanent customers as well as immediate sales. But the wider field of poultry journalism has called him. He leaves the Hall Mammoth Incubator Company because he feels greater opportunities are to be found in his new position. He succeeds to the position that was held so long by the late Mr. M. S. Gardner.

Judging by reports, Kansas City expects to have the banner show of the country. Better get in line for this show.

Next comes the early poultry shows, followed closely by the more important ones. See list of show dates in this issue.

The trying-out process is about over. That is, the State Fairs have about all taken place. This is where the breeders get a line on what the other fellow has.

RED SILKIES.

At the home of V. M. Couch, Cortland, N. Y., may be found a breed of fowls seldom, if ever, seen before in this country. They resemble the S. C. Rhode Island Reds exactly in every way except the feathers, of which they have none, excepting a few in the wings and tail, all the rest of the plumage being webless and of a silky texture, the same as the real White Silkies, often seen at fairs and poultry shows. They originated from a strain of S. C. Rhode Island Reds bred by Mr. Couch for the past ten or more years. They are excellent layers of large brown eggs. The young pullets are especially attractive, of which there are a number of fine ones.

Seymour—I hear you have evolved a wonderful breed of laying hens?

Ashley—You bet I have! They beat anything I've ever seen. They don't need roosts.

Seymour—Don't need roosts?

Ashley—No, sir; they're laying night and day.

Galesburg Fancy Table-egg Plant

Mrs. Arabella Zink Holloway, Prop.

Dr. J. C. Holloway, Mgr.

82 NORTH HENDERSON STREET,

GALESBURG, ILLINOIS

Standard Line-bred S. C. White Leghorns. Exhibition and Laying Birds. Ribbons and eggs. Foundation, Chicago Winners and the Wyckoff "World's Greatest Laying Strain." They're White, Bright and a Pretty Sight.

Fifty very choice cockerels for sale. Any bird that should prove unsatisfactory on arrival at destination, may be rested 24 hours, returned in good condition express prepaid and we will replace free of charge, or refund the money. We want to give a square deal and please every customer. "Bob Leghorn," shown herewith, is one of the number; but they are now more than one month older.

They sell themselves when seen. Common expression of visitors: "I have seen no White Leghorns that look like these." Prices: \$5.00, \$8.00, \$10.00 and \$25.00. Note: Our pullets, same hatching, began laying when three months and two days old. Hatched May 5, first eggs August 7. Who can beat that for a laying strain? Its in the blood! Do you want that blood?

Buy a cockerel. Do you want a winner for winter shows? Buy a \$25 bird. State how much you want to pay and we will describe the bird. They are healthy, vigorous, energetic and stylish; and have been growing every minute since they left the shells.

Eggs for hatching in season from the same pens we shall use. Price: \$3.00, \$5.00 and \$10.00 per 15. Clear eggs replaced until you get 15 that are fertile, when returned express prepaid. Get your order in early, for the number we shall be able to spare will be very limited. Just as well hatch good ones while you are at it.

Two Great Bargains—We have decided to keep but one breed—White Leghorns. Hence, will sell 15 Barred Rock pullets, March hatched and 20 S. C. Buff Orpington pullets, April hatched, with two Buff Orpington cockerels (unrelated) and 75 young Buff Orpingtons, two and three months. The Rocks are very large and barred to the skin. The Orpingtons are Byers and Green Strains. Many of them out of \$1.00 eggs and first pen Chicago. Some very fine, but all have just a suggestion of pepper in the tails, which can be easily bred out. Prices, Rocks \$2.00 to \$5.00 each. By taking all the Orpingtons, large ones, \$2.00 to \$5.00 each and the young ones, 50 cts. each.

Great opportunity for Orpington foundation. If you are not willing to pay these prices, don't write. They are too good for the money.



Bob Leghorn at 4 months. Watch him grow.

MORE POINTED CRITICISMS.

Now I am going to defend the famous Reds; there's no doubt about it. Dr. Ballard, of Chenoa, Ill., doesn't see the Reds as I see them. He knew when he wrote that article in the July number he would bring down the wrath of us Red breeders. No doubt he thinks the Cochins are it, and it is all right. He can have all the interest I ever had in them and welcome to it. I know the breeders of the Reds have had opposition on every side, but we are coming out with our heads up and with flying colors.

Now, if anyone knows anything about hatching chicks under hens, knows that a feather-footed fowl, be it Brahma, Langshan or Cochins, know that they will crush their little chicks in the nest while hatching.

The Reds are the very best of mothers, and the best hen to set I have ever owned, and they are great foragers, and are absolutely hardy, and are easy to raise. They grow very fast, making good broilers at an early age.

And about the setting act: If you want to you can make an incubator out of them. You can have them hatch the second brood without ever stopping, and you need not be afraid of them leaving their nest.

I have never had the fortune—or misfortune—of having a hen to lay in two weeks after setting three weeks. Dr. Ballard did not inform us as to length of time that Cochin hen set, if at all. I know that anyone can let a hen set three or four days and then give her a flock of little chicks, and in a short time she will be laying; but to set three weeks and then lay in two weeks sounds fishy. And he also says that big layers and big setters do not exist in the same variety. They may not in the Cochins, but it exists in the Reds, for I am an eye witness to the fact and can give you an egg record that would open some breeders' eyes from twelve Red hens if it is needed.

Now I am not very old, but I have been in this hen business for 10, these many years, and I have had my eyes open on some things.

I have raised most all of the varieties of chicks—and Cochins included, too—and I find that the Reds are the only chickens for me.

Now, I want to ask one question of Dr. Ballard: If the Cochin is the only chicken, why do you want to know which is the best general all purpose fowl, Plymouth Rocks, Wyandottes, Rhode Island Reds or Orpingtons?

Well, the Rhode Island Reds, of course.
Mrs. Fred C. Hughes.

The quality of stock on exhibition at the State Fairs this season is reported to be not up to the standard of former years. This is caused, no doubt, by weather conditions last spring.

SOMERSET, PA.

The Somerset Poultry & Pet Stock Association will hold its fourth annual show Nov. 22-25, 1910. Charles Mc-Clave, judge; A. D. Shaffer, secretary.

MENDOTA, ILL.

The Mendota Poultry Association will hold its annual show January 17-21, 1911. O. L. McCord, judge; Edward Brown, secretary.



Robert H. Essex

More Winners are Assured, Better Layers are Raised by Careful Attention in October and November than at any other time. That is because a little neglect now means exposure to cold rains, changeable weather, uncleanly coops, and the consequent trouble and loss that arise from such oversight. Sometimes they cannot be avoided, but generally they can. In any case they can be attended to in time.

Fall complaints are **Chicken Pox** (the breaking out of warty scabs on the head and face); **Colds**—rendered noticeable by watery eyes and nostrils or sneezing; **Roup and Canker** developed from neglected colds and sores—generally in the mouth; **Scaly Leg**, and other similar attacks.

"An ounce of prevention is worth a pound of Cure"; therefore prevent these complaints by thorough cleansing of Poultry houses, the free use of **Disinfectant** and **Lice Spray**; the provision of **Sanitary Food Hoppers and Founts**—in fact get ready for **Winter** now. Get your fowls housed early, see if they are well feathered to withstand the cold weather, and all winter long you will be glad you did it. A few dollars spent now on necessary **Remedies and Preventives** will pay you times over.

MODEL POULTRY SUPPLIES are SUPERIOR

Model Laboratory Products are most effective because they are compounded personally by our **Chief Chemist** whose life time has been spent in the **Laboratory** and in **Poultry Raising**. They are of practical and **Scientific Formulas**.

Let your **Food Holders and Wall Founts** be of good, heavy, galvanized iron, well made; especially when they cost no more than the low-grade, easily-bent kind. Look over the list of goods we manufacture. Every article made in our own **Factory or Laboratory** is guaranteed.

Next season when you buy a **Hatcher** remember that the **Model Incubators and Brooders** are recommended as the best by **Leading Exhibitors, Big Farms and Experiment Stations**. The **Standard Model** is the only **Hardwood Incubator** made—the best constructed and the best appearing machine in the world.



Model Incubators
Eleven Sizes
Eleven Prices
All Guaranteed

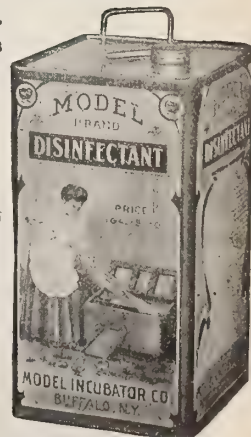
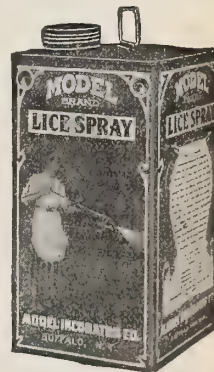
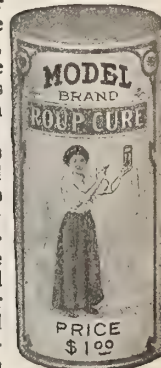
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Incubators	Roup Cure
Brooders	Chicken Pox Cure
Thermometers	Gape Cure
Hygrometers	Cholera Cure
Thermostats	Health Regulator
Egg Testers	Quic-Molt
Lamps	Scaly-Leg Salve
Burners	Lice Spray
Colony Coops	Lice Dust
Brood Coops	Nest Eggs
Chick Shelters	Head-Lice Killer
Drinking Founts	Sulphur Candles
Wall Founts	Disinfectants
Water Cups	Fly Driver
Food Hoppers	Spray Pumps
Grit Boxes	Chick Salts
Food Troughs	Egg Maker
Charcoal	Chick Markers
Perch Supports	Leg Bands

Write for Free Catalog. It describes our full line of **Superior Poultry Supplies**. We want **Poultry Keeper Agents**. Write for Terms.

Model Incubator Co.

(ROBERT H. ESSEX, President)
Terrace and Henry Streets
BUFFALO, N. Y.



ORPINGTONS

BUFF, BLACK AND PEARL WHITE

means all in the establishment of a reliable flock. My elaborate 30-page, 8x10 catalog is complete and will be mailed for a dime. It tells the story of

THE FAMOUS BYERS' STRAIN ORPINGTONS

C. S. BYERS - ORPINGTON SPECIALIST - HAZELRIGG, INDIANA

YOU are familiar with my phenomenal records for the past twelve years in Orpingtons if you have watched the advancement of this wonderful breed. I won more premiums on Orpingtons at the 1908 and 1909 Chicago shows than any other exhibitor. I have supplied winners for the largest shows in the States and Canada in the past and will continue to do so in the future. There's a reason.

1500 young birds growing. An enviable show record awaits the early purchasers of this show stock, which I will reserve and deliver in the pink of condition if desired. A small deposit on advance orders will be sufficient to insure reservation. The quality of my stock is superior and the same in Buffs, Blacks and Whites. READ THIS AGAIN.

I have the quality of the hour in line bred birds that can be depended upon. That

A LIVING FR

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



TO the average poultry-man that would seem impossible and when we tell you that we have actually done a \$1,500 poultry business with 60 hens on a corner in the city garden 40 feet wide by 40 feet long, we are simply stating facts. It would not be possible to get such returns by anyone of the systems of poultry keeping recommended and practiced by the American people, still it can be accomplished by the *Philo System*

The Philo System Is Unlike All Other Ways of Keeping Poultry

and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

Our Six-Month-Old Pullets Are Laying at the Rate of 24 Eggs Each Per Month

in a space of two square feet for each bird. No green cut bone of any description is fed, and the food used is inexpensive as compared with food others are using.

Our new book, *The Philo System of Poultry Keeping*, gives full particulars regarding these wonderful discoveries, with simple, easy-to-understand directions that are right to the point, and 15 pages of illustrations showing all branches of the work from start to finish.



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Testimonials

South Britain, Conn., April 19, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35¢ a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season. Yours truly, A. E. Nelson.

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Special Offer Send \$1.00 for one year's subscription to the *POULTRY REVIEW*, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the *Philo System Book*.

E. R. PHILO — 14 LAKE S

POULTRY

The Poultry Review

*A Monthly Magazine Devoted to Progressive Methods
of Poultry Keeping*

The POULTRY REVIEW is edited by E. W. Philo, author of the Philo System Book and founder of the Philo National Poultry Institute.

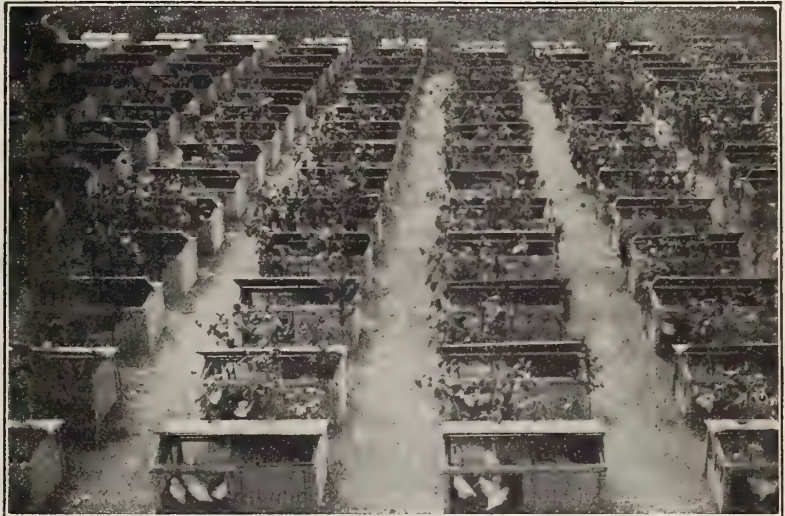
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Very sincerely yours,
R. G. Wetmore.

905 Douglas St., Greensboro, N. C.
Feb. 12, 1910.

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Dear Sir:—The Review came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.
Yours for success,
Milton Norman.

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E. R. PHILO

14 LAKE STREET

ELMIRA, NEW YORK

MR. ORR REPLIES TO MR. FENTON.

I READ with interest Mr. Fenton's article, "You Deserters." It was a good article, and I enjoyed it. One part of his letter I wish to write about and ask his opinion. He says "some are reported sore because no specials were awarded at the New York show," or words to that effect. That means me. I have repeatedly said I was not sore, but will have to take that back. I am d—n sore when I view the thing as I now know it for the past three weeks. Mr. Keating has been advertising a silver cup won at the late New York show. I could find no place

prizes? Why didn't the club give me a cup on my two firsts? Sore, of course I'm sore; and Mr. Fenton would be sore at such star-chamber tactics. Even then it would not have been so bad, but the secretary did not inform the rest of us poor mortals who have been plugging away paying our dues. It was the first time I ever won a first. Maybe I'll never have another. Mr. Keating says that some of the firsts were given to the "owners, and not to the quality of the birds." I don't know whether he means Cleveland, Anduss, Tannebaum Farms or Orr. If the old club is going in the business of awarding cups to soothe the ruffled brain of some dis-

family ties, either. Many a brother has fought a brother, even unto death. There are exceptions, and I for one resent the phrase "You Deserters." And did I feel that I was one, I would rather desert a funeral procession and join a circus. I would rather desert than fall asleep at the switch.

Say, Fenton, no one ever knew the old club was alive until I started the ball rolling. Even that staid old Quaker, Mr. Arnold, in the Southern Poultry Review, calls it a few pet names. Mr. Fenton, you are the first man to come out in defense of the old club outside of the secretary, and he had to. I have the names of some of



WHITE PLYMOUTH ROCK.

Greystone Champion and badges he has won and helped to win at Madison Square Garden, New York. Bred and owned by Greystone Poultry Farm, Yonkers, N. Y.

where this cup had been advertised, and wrote Mr. Keating by what authority was he advertising the cup. He informs me that Mr. Charles D. Cleveland made the motion that he (Keating) be awarded the cup for winning the most points at the New York show that was held two weeks before the meeting took place. That is all right for the club to do as it wishes, I presume, but I don't think it fair. I am glad he has the cup, but why is he more entitled to a cup when he did not win a first. Why didn't the club offer Mr. Cleveland a cup on his pen, as many would value first pen above all other

gruntled member two weeks after a show is held, then God help the club. I am not a deserter, Mr. Fenton, nor is anyone else. I have an honorable discharge, and others can show a paid-up enlistment paper to date, while others never joined the ranks. Speaking about secret societies, I would say to Mr. Fenton that many of today have broken away from the parent body and started in for themselves. Those kind of arguments won't hold water. I know that blood is thicker than water, but no one can always trot along with a relative or a club unless things are right, and we don't always stick to

the officers of the old club who have joined the new one. Mr. Cleveland, Mr. Parrish, Mr. Campbell and two of the above have offered a \$5 special each for the Chicago show. They are down, and I want to ask are they "deserters"? Maybe they have forgotten they gave me the authority to put their names on, but they did. Get a hunch on the old club, Fenton. Now, you know that I have been after you to join the new club and you have refused so far. Well, then, wake your fellow breeders up. Some of your older members were hot for the new club was going to do a whole lot, but they could

THE HALL 1911

CATALOG IS READY—NOW!

¶ It is more than an ordinary kind of catalog. It tells of **more** than ordinarily good equipment.

¶ It is written **well** and printed elegantly for poultrymen who want greater **certainty** of results at a **lessened** cost of production.

¶ It honestly tells of the **Hall Mammoth Incubator, Hall Brooder System, Self-Regulating Furnaces, and Colony Brooder**—and illustrates some of the plants on which the Hall Equipment is proving satisfactory beyond competitive comparison.



The New Hall Catalog

BREEDERS OF WHITE PLYMOUTH ROCKS **R. W. LONG POULTRY FARM** 122 Acres devoted to Poultry
THE HALL MAMMOTH INCUBATOR CO., Utica, N. Y. Clint, Texas, 8-12-10.

Gentlemen: We gave the equipment consisting of a Hall Mammoth 6,000 egg incubator and two No. 18 Hall Brooder House heaters, 32 Hovers, which you installed for us last April, a very severe test under the sudden weather changes that prevail here in the Spring, and found that we maintained a uniform heat at all times in the hovers, perfectly controlled, with a minimum of care or labor. The Incubator is so far ahead of lamp-heated machines in the cost of fuel and labor and the convenience of operating that I lack an adjective that will fully express what I desire to state. And to show that we do believe in the Hall equipment we are enlarging our Brooder house and desire you to ship at once by freight:

Thirty Hall Hovers, Complete, Hover Tops, Base Castings, and Galv. Thimbles or Drums.
 Also 1 Lid for No. 18 Heater, that the Damper rod passes through.

Trusting to be favored with a prompt shipment, we are, with best wishes.

Yours most truly, **R. W. LONG POULTRY FARM,**

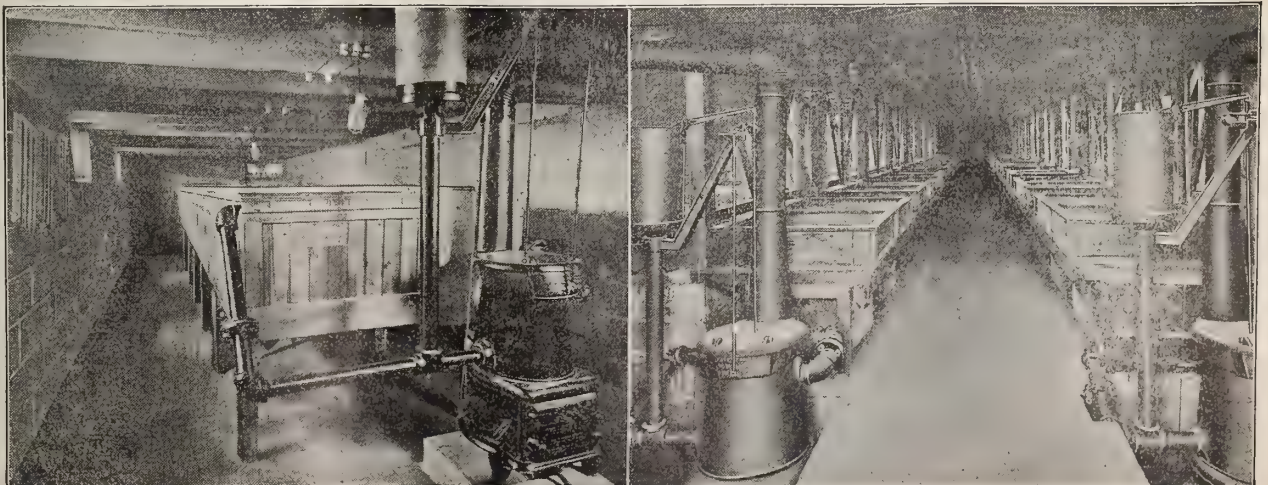
(Signed) Walter B. Franklin, Mgr.

ALSO—a new "Result" Booklet is from the press. It contains 31 letters of **recommendation**—an amazing record of **satisfaction**. We will gladly send it and the **Catalog** to any address upon request.

THE HALL MAMMOTH INCUBATOR CO.

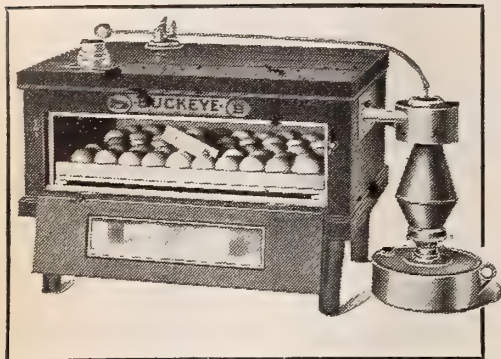
Dept. X

UTICA, NEW YORK



Buckeye 50-egg Incubators, \$6 to \$8

The Sensation of the Incubator World



On the Market 21 Years. Over 150,00 in Successful Operation

Never before has there been such an incubator success. Returns from all over the country show that wherever Buckeye 50-egg Incubators were sold the sales were greater than those of all other makes combined. Four dealers sold over ten thousand in six months and wanted more. We couldn't make them fast enough. We could have doubled our sales if we had had the capacity to turn them out.

This season we will build 100,000 Buckeye 50-egg Incubators.

We have now the factory equipment to turn out 100,000 Buckeyes and we will work it to its full capacity this season. And we will need every one we make.

There are mighty good reasons why the Buckeye 50-egg Incubator is such a success and these reasons are found right in the machine and in the results it is producing in all parts of the country. Here are some of the Buckeye features that make it appeal so strongly to buyers:

BUCKEYE 50-EGG

Convenient Size

It is no trouble to get fifty fresh fertile eggs together—but did you ever try to fill a 100 or 200 egg incubator with eggs of the same kind? If you have you'll recognize why so many people appreciate the Buckeye—the only small incubator that is as perfect in operation as the large, high-priced ones.

Ease of Operation

The Buckeye is so compact that everything is under your eye—you can see how things are coming on at a glance. It is less trouble than one setting hen, though it hatches more chicks than four hens. It is self-regulating and automatic—so simple it practically runs itself. No experience is required to get satisfactory, profitable results.

No Worries

In running a big incubator there are two great big worries—Ventilation and Moisture Supply. There is no such worry with a Buckeye 50-egg In-

cubator. It ventilates itself automatically—and the moisture supply is just as carefully regulated as the heat supply. All of these points are taken care of by the machine itself.

Best for 21 Years

The Buckeye 50-egg Incubator has been on the market 21 years, and during that time has made a record as the best machine of its size in the world. They are built of the very best material that can be secured and contain every desirable device found in any machine at any price. The workmanship is of the very highest class. Nothing is slighted that will help make the Buckeye perfect.

Attractive in Price

There are thousands of people who want incubators—who want to get some of the big profits that are in the poultry business—but they don't see their way clear to pay the big prices that most manufacturers demand. The Buckeye is just the Incubator these people want at the reasonable price they are willing to pay—\$6 to \$8.

High class seed houses are selling thousands of these Buckeye 50-egg Incubators over their counters and through their catalogues. They are the kind that most people want. There are one hundred people who will buy this compact, easily run, successful, guaranteed machine for every one who will buy a large one. There are thousands of people who are just waiting to be told they can get such a machine—and we want a dealer in every district to handle them. Those who are handling large machines and other makes can add the Buckeye 50-egg Incubator to their line and make a good big profit entirely independent of their regular trade.

The Buckeye Incubator Co.
501 W. Euclid Avenue
Springfield, Ohio

Every Buckeye 50-egg Incubator is Sold with this Absolute Money-Back Guarantee

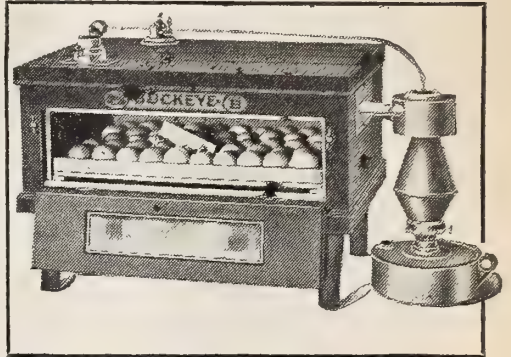
A Healthy Chick From Every Fertile Egg or We'll Return Your Money

That's our guarantee to every buyer of a Buckeye 50-egg Incubator. It will do the work—hatch every hatchable egg—or you can have your money back. That is the safest guarantee that could be made. Safe for you, because if the Buckeye Incubator doesn't live up to every claim we make for it you don't lose a cent. Safe for us, because we know what the Buckeye can do—we know it will never fail to produce a good, healthy chick for every fertile egg you put into it. Thousands are doing this every year and making big profits for their owners.

We know that every one of the 100,000 Buckeye 50-egg Incubators which we will make and sell this season will do its work and do it right. We will not be asked to take one of them back.

We are not making any other size incubator—just the 50-egg machine.

The Buckeye sells for from \$6 to \$8—a very low price. But it is not a cheap machine. The very best material and the finest workmanship go into the Buckeye—it is equipped



with every necessary device that is found in the highest priced machines. Here are a few points of the Buckeye:

INCUBATOR

Hot Water Hatcher

The Buckeye is a hot water hatcher—the system which time and experience have proven to be the best.

Self-Regulating

The regulating device on a Buckeye Incubator will regulate the temperature to a fraction of a degree, and once regulated, it stays regulated for the entire hatch.

Self-Ventilating

The ventilating system of the Buckeye is absolutely automatic. Everything adjusted before it leaves the factory.

Requires No Moisture

The Buckeye system requires no artificial moisture. The necessary moisture is supplied automatically in nature's own way.

Equipment

Every Buckeye Incubator leaves the factory complete—ready to use. With each incubator is included a complete lamp and chimney, a thermometer, a thermometer holder, two egg trays and an egg tester. No extras to buy.

Our Guarantee

We guarantee the Buckeye to hatch every hatchable egg you put into it. If it doesn't you can have your money back. We know what the Buckeye can do and is doing—so we are not afraid to make this strongest kind of guarantee. The buyer of a Buckeye cannot lose.

We believe that the Buckeye 50-egg Incubator is the one that will give you the greatest poultry success. It is just the equipment that ninety-nine out of a hundred people want. We want you to look at one of our machines. Ask your dealer to show it to you. Nearly all the high class poultry supply and seed houses have the Buckeye in stock.

If your dealer doesn't handle it, write to us direct and we will send you our fully illustrated catalogue and our two books, "Making Money the Buckeye Way," and "51 Chicks from 50 Eggs."

We know these books will interest you—write for them to-day.

The Buckeye Incubator Co.
501 W. Euclid Avenue
Springfield, Ohio

not stand the pace, so I believe they must have gone back to their easy club and fallen asleep again. Well, the word "Deserter" does not fit. Guess again.
D. Lincoln Orr.

Orrs Mills, N. Y.

POULTRY ON THE FARM.

NO one feature that naturally belongs to the agricultural pursuits of our country has so thoroughly benefited the farm interests as poultry, if properly cared for. At the same time, nothing is more discouraging and unsatisfactory than poultry

and putting so much money in that hog-house, cattle barn, automobile garage, when nine times out of ten the hen is the one that pays the grocery bill, buys Johnnie's clothes and the gasoline that makes the automobile go. Then why is poultry-raising not profitable?

For these reasons we do not hesitate to urge everyone living in the country on a farm to raise as much poultry as possible, but at the same time not to try to raise more than they can properly care for in the right way, for if they are neglected to a certain extent they will prove a loss which is discouraging.

for bugs, worms, grasshoppers, weed seed, etc., and the grain they pick up around the barn and feed yards would go to waste otherwise—you would never miss it.

The ones that range off to the fields to hunt food make the most healthy birds; they never have a setback in their growth; they never get too fat, and will shell out the eggs that prove great fertility, that hatch strong, thrifty chicks. Why? Because they have not been housed, hopper-fed, stuffed with rich mashes and confined in small runs, possibly no shade at all. That is why farm-raised chickens are profitable both to the buyer, as well as the seller.

I have been asked this question a great many times, Can exhibition stock be raised on the farm without being kept in small quarters and stuffed and fed on all these new-fangled preparations, etc., and will not their feet get dirty and their plumage get soiled? Well, I asked them if they ever got their clothes soiled, and if they ever washed their feet. I often wonder where these people think we raise our show birds. Well, I told the parties to get birds that require no washing of the plumage; as to their feet, they could wash them on the way to the showroom if necessary. The farm-raised fowls take care of their plumage in their dust bath much better than we can; that is, colored birds. They roost in the open air, so they are not crowded for room. They are hardy, seldom sick at all.

Then, again, all the grain that is used for poultry food is raised on the farm, such as wheat, corn and oats, and the chickens have a chance to pick up all the grain they want, and when night comes every fowl goes to roost with a full crop. All during the spring, summer and fall months the chickens are allowed to roost wherever they choose. By the first of December we coax them to the henhouses and begin to feed them, so they may become accustomed to their winter quarters by the time winter sets in. We raise from 500 to 700 chicks each season, with practically no expense at all until winter sets in, when we cull out all chickens that won't make first-class breeders and sell them on the market during holidays at a good profit.

Mrs. Anna M. Lembke.

Griswold, Iowa.

(To be continued.)



We want to call the special attention of our readers to the above bird Prince Manybar the second. It seems to us every Barred Rock breeder should look him over carefully. While he has that full and rather long type in all sections which is now winning in our largest national shows, it is not this that we wish to impress on our readers. But look at his barring, that narrow, evenly-spaced, distinct, snappy barring from head to fluff and tail, that truly remarkably close, yet clear and clean cut, barring all over—that we want you to notice. This, and also the richness of the color itself, that very even shade of color in all sections. Look him over; study him. We will not publish the name of the owner here, but will say that a reduced cut of this male bird may be found in one of the advertisements in this number. Whose ad is it?

neglected either by feeding or housing. It is a well-known fact that there are thousands of hens and hundreds of cows kept in the country at a financial loss on account of careless methods. Filthy houses, and improper food. There are millions of dollars made each year in raising chickens and selling eggs, and many millions more could be made if the farmer would provide better accommodations for his good wife in the poultry line, instead of being so selfish

There is no better place to raise poultry than on the farm. Why? If you keep one variety you can give them free range all over the farm, which means plenty of room to roam about, which means good health to your stock, plenty of shade during warm weather, and where the winter is not too cold and long the fowls will care for themselves two-thirds of the time, and try to not impose upon you for their food, but sail away to green pastures to hunt

Editor American Poultry Journal.

Dear Sir: An egg laid by a common hen and brought into the store here by a farmer is attracting a great deal of attention. The egg is about the size of the largest double-yolk eggs, except it is nearly round. This egg contained a white and yolk, the same as an ordinary egg, but also contained another egg about the size of a Leghorn egg. This inside egg was perfect shape and the shell was hard, but it contained only the white, with no yolk.

Would like to hear from anyone who has seen an egg like this, or from one who can give the cause.

E. P. Orrill.

Emporia, Kan.

Have you secured that one new member for American Poultry Association yet? If not, why not? It's easy. Just try and see.

Are You Going to Build?



One Great Problem Before You Is YOUR ROOF

To settle it right will save you cost of repairs and a new roof—to settle it wrong means dissatisfaction from the start.

You read many extravagant claims; you are frequently confronted with high-sounding guarantees; you have heard of countless brands of roofings, but there's only one way to tell the good from the bad. *Make them show you what they've done.*

We are ready to show you actual buildings in your neighborhood where NEPONSET PAROID Roofing has been on roofs for years. The money saved in repairs more than offsets the difference in price between BIRD NEPONSET Roofings and the cheaper kinds. Back of Bird NEPONSET Products are records of long service and 115 years of experience in one line of business. We originated the ready roofing idea and make different roofings for different classes of buildings.

NEPONSET PAROID Roofing

for your barns, poultry buildings, etc., gives service equal to that of highest grade shingles

Unlike shingles, it resists fire, doesn't blow off or deteriorate. NEPONSET PAROID has been in service for twelve years on United States Government, Railroad, Industrial and Farm Buildings, in all climates. If it meets these severe conditions, it will surely meet yours.

NEPONSET PROSLATE Roofing and Siding, for dwellings and all other buildings where artistic results are desired. It is more attractive than shingles, wears like slate, makes an attractive-looking roof, resists fire, saves money and always gives satisfaction. It may be used on exterior walls in many attractive ways.

For such poultry buildings, brooder houses, sheds and temporary buildings as require a low-cost roofing, you should use NEPONSET RED-ROPE Roofing rather than tarred felts—more satisfactory in every way—it has been the standard low-cost roofing for 25 years.

NEPONSET BLACK WATERPROOF Building Paper, under clapboards, shingles, slate, metal, etc., insulates against exterior heat, cold and dampness. It costs little and cuts the fuel bill one-third every winter.

NEPONSET FLORIAN Sound-Deadening Felt, for floors, partitions, etc., to deaden sound. Six times as efficient as ordinary deadening felt.

These are facts and not claims—write us and we will prove every statement

Consult Our Building Counsel Department

Tell us the nature of the buildings you propose to erect or repair and we'll send you the BIRD NEPONSET Book which treats your special case. There are dealers in BIRD NEPONSET PRODUCTS everywhere. If you don't know the one in your locality, write us and we'll tell you.

F. W. BIRD & SON, 90 Neponset St., East Walpole, Mass., U. S. A.

Established 1795. Originators of Complete Ready Roofings.

New York Washington Chicago Portland, Ore.

Canadian Factory and Offices: Hamilton, Ont. Winnipeg Montreal St. John

BLACK ORPINGTONS.

THERE has been considerable comment in the poultry press regarding the merits and characteristics of Single Comb Black Orpingtons, but not enough information has been published by well informed experienced breeders who have carefully studied the characteristics of this variety. I will give a few pointers that should be of value to amateurs and express my views as to what we should strive to attain in this variety which we value so highly and which is destined, beyond the question of a doubt, to become the most popular of any black variety of domestic fancy fowl in existence.

Let us take up the question of shape: To the amateur and to many breeders shape seems to be a secondary consideration, when in fact it makes the breed. Color makes the variety. It is a well known fact that Black Orpingtons are the original Orpingtons, and that they are, as a rule, the largest, lowest set, cobbiest variety of the Orpington family. But there is a position taken by breeders of some prominence that we are getting too cobby;

keel, short necks, medium length backs with little width, short, low, well spread tails, bodies broad and deep. That's Orpington.

So I would say that the great trouble with breeders of Black Orpingtons generally is a tendency to lose sight of shape and size in the effort to produce color. One of the first things that I learned in connection with Black Orpingtons was that shape was the first essential, the first requisite. Unless the true Orpington shape is maintained, the birds are not in their class. Tie to the distinctive shape type if you would produce standard Single Comb Black Orpingtons and win.

Now a point as to color: I have suggested in the foregoing that it is easier to produce the desired color in the small tightly feathered Rock shaped Blacks than in those approaching the ideal in shape, which is, generally speaking, true. It does not follow, however, that birds ideal in color cannot and are not produced from those approaching the ideal type. It is largely a matter of how the birds have been bred, and of whether or not they are the product of a carefully line bred strain.

tomers unnecessarily, which is largely due to the fact that such customers are unfamiliar with the characteristics of the variety. Make known your dissatisfactions, if any, in a reasonable way, and the breeder will set you right or adjust your complaint in a satisfactory manner.

In conclusion, I will say that while I have bred Buff, White and Black Orpingtons for the past ten years, I am very much taken with the Single Comb Blacks, and I anticipate for them a very bright future; that they are today the crowning products of decades of the best efforts and untiring energy of the ablest and most successful breeders of the poultry world; that they combine a thing of beauty in the fancier's eye and a valuable commercial product on a par with any variety yet placed on the market.

C. S. Byers.

Hazelrigg, Ind.

ANNOUNCEMENT.

The Michigan poultry men have organized what they are pleased to call the Michigan State Poultry Breeders' Association, composed of Michigan's foremost poultry men and fanciers, with the following officers: President, Robert S. Taylor, Port Huron; vice-president, L. F. Jones, Grand Rapids; secretary, J. A. Turner, Lansing; treasurer, Fred M. Growe, Owosso. The directors are: H. H. Coburn, Memphis; E. C. Hungeford, Concord; L. C. Recker, Albion; W. I. Smith, Detroit.

Organized to take up the work of the old state association, and to hold each year one big round-up show, where the best there is in the fancy can compete for high honors and to bring the breeders throughout the state in closer touch with each other. Detroit was selected as the place to hold the first show, and the Light Guard Armory has been secured for that purpose, the dates are January 25 to February 1, 1911.

That the organization will prove to be of great benefit to each and every individual member as well as to the poultry industry in general, is beyond question. With new life and hustle instilled into it there can be little doubt of its success, and with its 300 members scattered throughout the state it is in a position to give a show second to none.

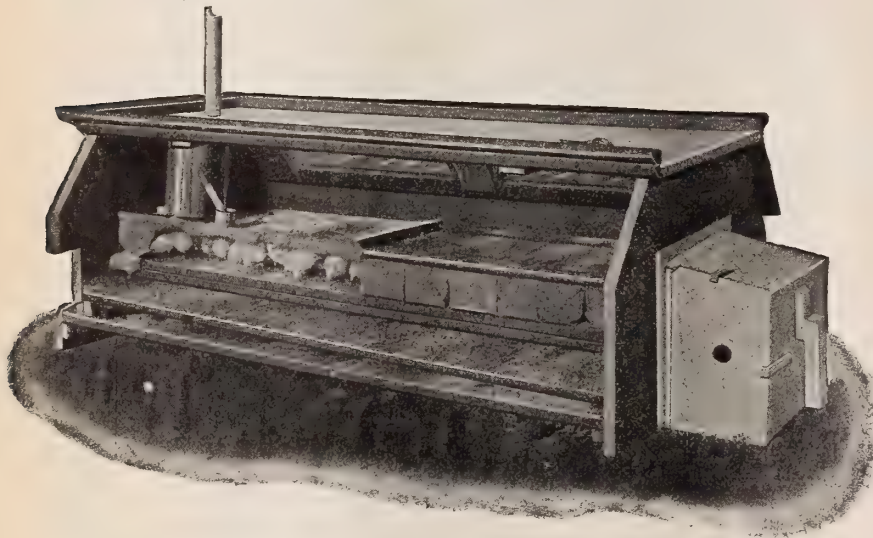
You cannot afford to miss the Detroit show, a big premium list, plenty of silver cups and other trophies and a good time. A week spent there will increase your capacity for friendship, your thinking and bolster your ideals.

TERRE HILL, PA.

A two-day institute and exhibit was held recently at Terre Hill, Pa., under the auspices of the State Department of Agriculture, and one of the principle features was the big display of poultry, nearly all the standard varieties being represented and competition for prizes very keen. As a result of this exhibit an effort is being made to form a permanent poultry association and hold an annual exhibition.

ORANGE, N. J.

The Essex Poultry, Pigeon & Pet Stock Club of Orange, N. J., will hold their third annual show during Thanksgiving week. George Eckel, secretary, East Orange, N. J.



THE CLOSE-TO-NATURE BROODER, COLFAX, IOWA.

The above is an interior view of the Close-to-Nature brooder showing the permanent floor, the adjustable floor, the non-crowding roosting floor and the warm water tank covered with cloth against which the chicks nestle. This is the brooder of the triple principle of warmth by conduction, ventilation by induction, and prevention of piling and crowding and piling by mechanical construction. It is now in its fourth year and is meeting with unusual success. It is an outdoor brooder for use in orchard and field and is eminently a cold weather brooder. It is manufactured at Colfax, Iowa.

too short on shank. In my judgment this is erroneous. I have never seen a good Black Orpington too short in shank or too cobby for practical use as a breeder, but I have seen thousands of them too long in shank, and when they are thus too high up, they are almost invariably too long and narrow in body, neck and tail, and a large per cent of such birds approach very closely the Rock type, which is not what we want. Such birds are by no means typical Orpingtons. I know of breeders, however, who are advocating this type, and I attribute this advocacy to the fact that they have found it easier to produce good color in such birds and to the fact that they have been unfortunate in not being able, financially or otherwise, to procure the genuine Orpington type. There are very few, however, who have been able to procure and maintain the true type which is, in brief, a short, heavy shank, long, low

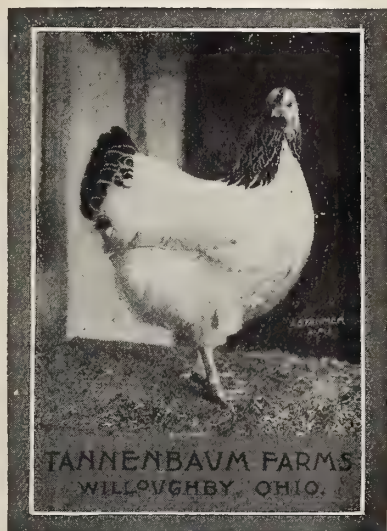
Truly ideal specimens in color and type are seldom found at the average show, as yet, in Black Orpingtons, but they will be found at the large shows, and such birds are thoroughly reliable as breeders of the very best of line breed and properly mated, which is the case with careful, painstaking breeders of experience. It follows, therefore, if we are to attain the best and most highly gratifying results, that in establishing a foundation stock the utmost care should be exercised to procure stock or eggs from experienced breeders of reliable standing that have succeeded in producing stock of the highest quality and can do it again.

To those starting in this variety, let me urge to carefully study the characteristics of the breed, for you will thereby be enabled to value your birds and determine their worth in the breeding yard or show room. Breeders are in many cases censured by their cus-

TANNENBAUM FARMS

VICTOR STRAIN

Barred Rocks and Columbian Wyandottes



First Columbian Pullet, Madison Square Garden, 1910

and are fine breeding specimens that will put the black markings in your stock another year. "Show Quality" predominates among our flock of young Columbians; a large number of which were bred from our MADISON SQUARE GARDEN WINNERS and fit the Standard in type and color as near as any bird can. Elegant laced hackles and coverts, wings marked just right and solid black tails. We have the quality you are looking for. Write us today and give us a chance to SHOW YOU OUR VICTOR STRAIN. Remember our birds have won at Madison Square, Cleveland and many other shows. We are here to please you; no inferior birds shipped out at any price.

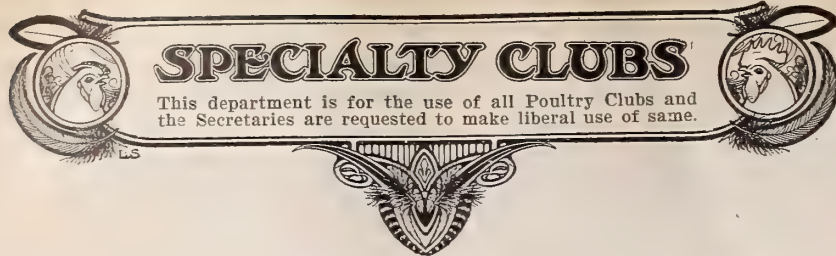
**Special Pens Mated to Supply
the Fall Egg Trade**

WE ARE OFFERING BARGAIN PRICES FOR QUICK SALES in **Barred Rocks**. We will sacrifice 200 pullets and 200 cockerels, both cockerel bred and pullet bred birds. Many of these could win most anywhere, being bred from our Cleveland winners which were the "Sensation" there in an extremely hot class this year. Our birds have the type required by the new Standard and the correct clean cut narrow barring with that bright, snappy, blue color you would like to get. We have more birds coming on later, so will name you extremely low prices for quick sales. Our pullet line is exceptionally fine. Remember our poultryman is a Barred Rock specialist. 100 hens are also included in this sale. They are both cockerel and pullet bred birds we used in our own pens and have quality to please the most fastidious.

In **Columbian Wyandottes** we will sacrifice 50 hens, 100 cockerels and 100 pullets. These hens were in our breeding pens



TANNENBAUM FARMS
WILLOUGHBY : : : OHIO



MEETING OF THE NATIONAL WHITE WYANDOTTE CLUB AT ST. LOUIS.

Officers elected for the coming year were: President, M. F. Delano, Vineyard Haven, Mass.; vice president, J. C. Fishel, Hope, Ind.; secretary-treasurer, L. J. Demberger, Stewartsville, Ind.; executive committee, G. H. Rudy, Mattoon, Ill.; Earl Hemenway, South Haven, Mich.; John S. Martin, Port Dover, Canada; C. D. Cleveland, West Orange, N. J.; W. P. Smalley, Shawnee, Okla.

The club is in good condition and has nearly a thousand members. It will offer medals, cups and cash at various shows. It decided to appoint a number of official judges; a list will be published later. All breeders of White Wyandottes are urged to send in their membership at once, which is \$1.00 per year, to L. J. Demberger, secretary-treasurer, Stewartsville, Ind.

THE COLUMBIAN WYANDOTTE BREEDERS' ASSOCIATION.

The Columbian Wyandotte Breeders' Association have called their first meeting to be held during the Chicago show. They are offering \$100 in cash specials. Officers will be elected and constitution and bylaws will be drafted. Philip Koehlinger, Fort Wayne, Ind., is acting secretary and would like to hear from all breeders. He wants to make this one of the largest specialty clubs and we wish him success in his undertaking.

INTERNATIONAL R. C. B. MINORCA CLUB.

The directors of the International Rose Comb Black Minorca Club have decided to accept the offer of the Middle West Fanciers' Association and will hold the next annual meeting of the club at Chicago. The Chicago show will be held December 8-14 and every club member and breeder of Rose Comb Black Minorcas should prepare to send an exhibit to this show. The Mid-West

Association offers a \$35 silver cup for best display of R. C. B. Minorcas besides the regular amount of cash prizes amounting to \$49. Considerable amounts of other cash prizes will be offered by the individual members and the club. There should be at least 200 Rose Comb Black Minorcas at Chicago this year. There is no better show in the United States in which to advertise your stock. For premium list address Theo. Hewes, Indianapolis, Ind. Those who wish to become club members and compete for the club's specials at any shows this season should address

Lloyd G. Mishler, Sec.,
North Manchester, Ind.

AMERICAN WHITE MINORCA CLUB.

An extra and determined effort is being made to assemble the White Minorca breeders—to put new life into the American White Minorca Club—to give impetus to the breed and bring our favorites more prominently before the public and we request that all breeders of this grand variety lend their assistance and co-operation. On account of the pressure of business Mr. Sopper has turned over to me the office of secretary and I informed him that I would accept and serve until such time when we could have a meeting and elect new officers. Believing that a good club would be an advantage and do a great amount of good for White Minorcas, I earnestly solicit and shall consider it a special favor if the White Minorca breeders of this continent will let me hear from them and help put our breed up in the front rank.

C. Augustus Raschke,
Secretary pro tem.

NATIONAL COLUMBIAN WYAN- DOTTE CLUB.

The annual catalogue of the National Columbian Wyandotte Club is now being distributed to all those interested in this variety. This catalogue is well gotten up and contains a lot of information that is of value to the breeders of

this variety. Horace Porter, Ridgefield, Conn., who is president of the club, is devoting a lot of time and doing great work in the interests of the club, and it is up to the breeders to assist him. Every breeder of Columbian Wyandottes should be a member. It helps the variety. Send to the secretary, George F. Eastman, Granby, Mass., for a copy of the catalogue and membership blank. Write today.

H. P. SCHWAB COLUMBIAN ROCK CLUB JUDGE.

H. P. Schwab, of Irondequoit, N. Y., the noted judge and specialty breeder of Plymouth Rocks and member of the American Columbian Plymouth Rock Club, has been duly endorsed by the officers of that organization as their official judge. Mr. Schwab is not only an expert authority but much interested in this variety, and exhibitors and secretaries of poultry associations should make it a point to secure his services whenever Columbian Rocks are to be exhibited, as it will mean increased entries, good judging and fair treatment for all.

E. B. Kaple, M. D., Secretary.
Elbridge, N. Y.

S. C. RED BREEDERS, ATTENTION!

The Illinois state branch of the National S. C. R. I. Red Club will hold its school of instruction on Reds for judges and breeders at 10 a. m., October 5; also annual meeting and election of officers at 2 p. m., October 4, at Springfield, during the State Fair. The meetings will be held in a large tent near the poultry hall. The club will offer special ribbons or badges to members for the best cock, cockerel, hen, pullet and pen.

By all means join the club. Attend these meetings, and compete for the prizes offered.

J. S. Walker, Secretary.
Palestine, Ill.

SILVER WYANDOTTE CLUB ELEC- TION.

The recent election resulted in the choice of the following officers for the Silver Wyandotte Club of America: President, Henry Steinmesch, St. Louis, Mo.; vice-president, John C. Jodrey, Danvers, Mass.; secretary-treasurer, Waldo H. Dunn, Wooster, Ohio. Executive committee: Jacob Miller, Wathena, Kan.; Gabriel Cannon, Spartanburg, S. C.; Chas. J. Brown, St. Johns, Quebec, Can. The club now has a membership of about 200, and is doing a great work.

CRYSTAL WHITE ORPINGTONS

HARRISON'S SQUARE DEAL

WHITE ROCKS

Young
Stock
Matured

S. C. Buff Orpingtons

Exhibition
Quality

Well matured birds of the right quality is what wins in the show rooms. My stock is of the best blood lines and has won in competition with the best breeders at the best shows. My young stock is well matured, pullets laying, have correct type, superb under and surface color. Let me quote you prices on birds for your coming show and breeding stock as well.

ROSELAND POULTRY FARM, CHAS. W. SWITZER, ROUTE 1, SOUTH EUCLID, OHIO

Largest winners at 1909 Chicago show. If you want to win, send to the men who raise winners. 1000 young and old stock for sale. Our customers won with birds bought of us or hatched from our eggs at 15 shows last season, not only at small shows but at such shows as the Wisconsin State, Atlanta, Ga., and Philadelphia.

Goodes & Palmer : : Box 430 : : Marcellus, Michigan

Win at Wheeling, Marion, McKeesport, Ohio State Fair, Hagerstown and Cleveland. Good exhibition birds for early shows. Write your wants. Satisfaction guaranteed. Special prices for 30 days as I need more room.

Dr. S. R. Harrison, R. R. No. 10, Shelby, Ohio

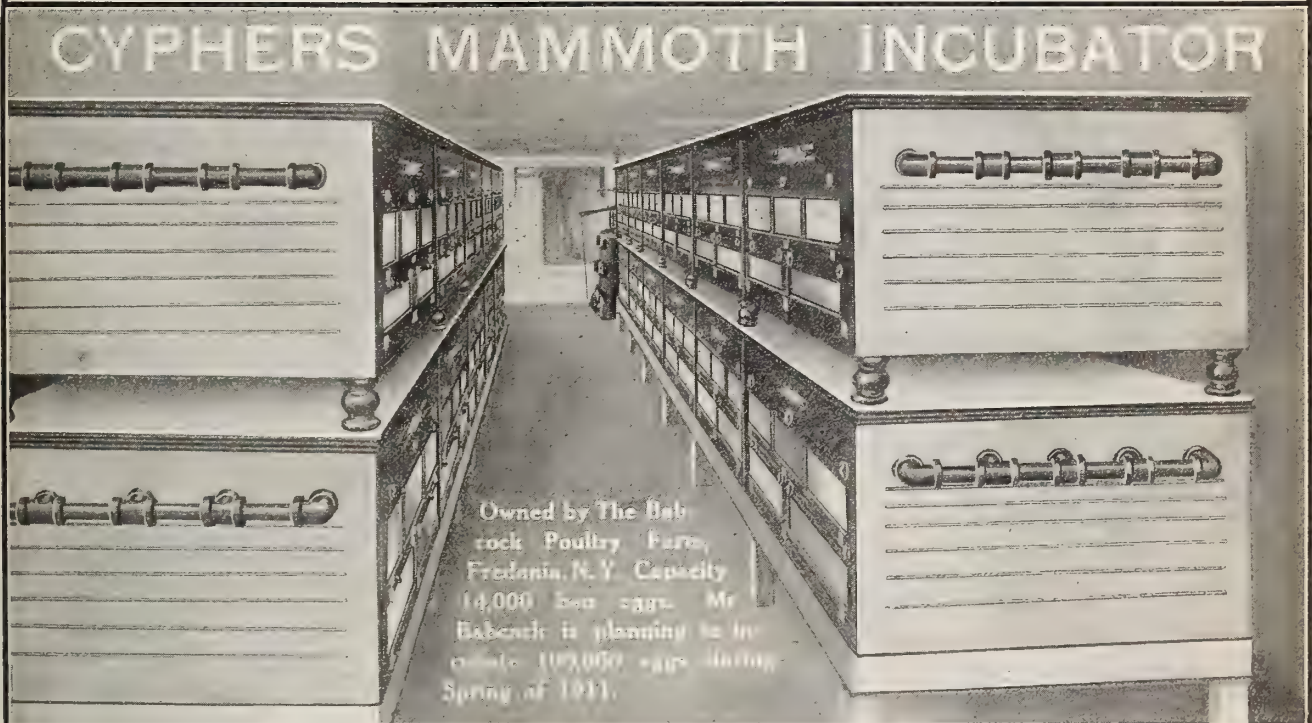
Day-old Chicks=Custom Hatching

TWO PRACTICAL BRANCHES OF MODERN PROGRESSIVE POULTRY CULTURE THAT ARE INCREASING BY LEAPS AND BOUNDS

TEN YEARS AGO the sale of Day-old Chicks had scarcely been heard of in America. FIVE YEARS AGO "Custom Hatching" was an industry of the future. AT PRESENT the sale of Day-old Chicks each season MOUNTS UP INTO MILLIONS in the United States and Custom Hatching is already a close second in popularity and practical results.

A VERY LARGE MAJORITY of the poultrymen who are selling Day-old Chicks and doing Custom Hatching are using small-sized Incubators of the usual type, but an increasing number—for example, those who own land and can afford the initial investment—are installing what are called "Mammoth Incubators," like the one illustrated herewith—big, 400-egg compartment, hot-water machines heated with coal and having total capacities ranging from 4,000 to 60,000 hen eggs.

CYPHERS MAMMOTH INCUBATORS, built on the same correct lines that have made our small-sized incubators the **STANDARD HATCHERS OF THE WORLD**, are doing *Excellent Work* in the hands of Cyphers Company Customers, as the two sample reports printed below clearly prove.



WORK DOWN EAST.

Fredonia, N. Y., August 6, 1910.

Cyphers Incubator Co., Buffalo, N. Y.

We have just placed an order with you for an additional 8,000-egg capacity Cyphers Mammoth Incubator to be operated in connection with our 6,000-egg machine that you installed for us last spring.

The labor of running a 6,000-egg Cyphers Mammoth is practically nothing. Fifteen minutes per day will take care of the heater, turn the eggs and see that the machine is running in good shape. The regulators have worked to perfection and there is no moisture problem to bother with in the operation of this machine.

Five years ago we started in the poultry business with one small-sized Standard Cyphers Incubator and two brooders. Next season (1910-1911) we expect to ship over 50,000 baby chicks. We feel that our rapid growth and success in the poultry business has been largely due to the Cyphers Company equipment that we have used from the start.

BABCOCK POULTRY FARM,

Frederick W. Babcock, Prop.

White Plymouth Rock and S. C. White Leghorn Baby Chicks.
Also Custom Hatching. Capacity, 75,000 Chicks Annually.

WORK OUT WEST.

Kansas City, Mo., September 3, 1910.

Cyphers Incubator Co., Buffalo, N. Y.

The 10,000-egg Mammoth Cyphers Incubator installed for us in January, 1910, has been a labor-saver, giving us large hatches of strong, healthy chicks that live and thrive. We are using a natural gas burner in your regular heater, and our fuel bill has never been more than \$4.00 per month and has run at times less than \$3.00. Much less room is required for this double-decked Cyphers Mammoth than is required for lamp-heated or other single-deck machines of equal capacity.

We have disposed of 25 lamp-heated machines running in the same cellar, and contemplate putting in one or more Mammoth machines of same capacity to take care of our constantly increasing demand. We believe that our income from custom hatching will alone pay for the machine the first season. For hatching on a large scale give us the Mammoth every time.

Yours truly,

P. C. FISH, Proprietor.

Baby Chicks and Custom Hatching.
Popular Varieties Our Specialty.

Incubator Capacity, 20,000 Eggs One Filling.

SPECIAL CIRCULAR: Cyphers Mammoth Incubators, 1911-Pattern, are shipped knock-down at low freight rates with photographs and blue-prints that will enable the purchaser to set up his own machine. Any man who is handy with tools can do the work. If interested, write for our special sixteen-page circular (just printed) giving prices and full particulars. Address factory and home offices, or nearest branch house.

CYPHERS INCUBATOR CO.

HOME OFFICES, BUFFALO, N. Y.

BRANCHES: { 23 Barclay St., NEW YORK CITY. 12-14 Canal St., BOSTON, MASS. 340-344 N. Clark St., CHICAGO, ILL.
2325 Broadway, KANSAS CITY, MO. 1569 Broadway, OAKLAND, CAL.

HOW MANY EGGS

did that Blue Ribbon Hen lay last year? Use our **Egg Record Cards** and **know** what every bird in your yards is doing. Each card gives complete record for one bird for two years. Fine addition to your show room exhibit. 25c a dozen. \$1.50 a hundred. We still have a few fine exhibition birds for sale.

C. A. Barnum : White Cornish Specialist : 820 Robns Ave., Detroit, Mich.

NUGGETS

50 BUFF ROCK cockerels for sale, from our NEW YORK winners, at \$5 to \$50 each. Also other stock.

NUGGET POULTRY FARM
Stephen Marsh, Prop. :--: Constantia, New York

White Wyandottes

The kind that Win and Lay. At Toledo 1910, my string won more regular and special premiums than all other exhibitors combined, including silver cup for best display in American class, and gold special for best ten in show. (3000 on exhibition.) Young stock maturing on free range. Old and young stock at right prices. Satisfaction guaranteed or money returned.

GEO. BARKDOLL : BOX 62 : WEST UNITY, OHIO

MILLVILLE POULTRY FARM

S. C. WHITE LEGHORNS

are the kind you need. They are bred right and in the hands of our customers have proven real money-makers. Come to us for Leghorns. Baby chicks and egg orders booked now for future delivery. Write us. Catalogue free.

Millville Poultry Farm Co. :--: M. J. Haitz, Manager :--: Box 1002, Millville, New Jersey

Who Said Golden Wyandottes?

If you're looking for show birds that can win and then produce more winners try the Simmons Strain. The strain that wins at New York, Boston, Chicago, Kansas City, everywhere! Our birds have large size, good shape and that deep, rich, golden-bay color. Isn't that the kind you want?

SIMMONS BROS. BOX 880, STOCKTON, ILL.

Riley's Barred Rocks**The World's Best Exhibition and Laying Strain**

Exhibition birds that will win for you. A grand lot of breeding cockerels for either cockerel or pullet mating at \$5.00 each. Do not miss this chance to improve your flock with the best blood obtainable.

HENRY D. RILEY, BOX B, STRAFFORD, CHESTER CO., PA.

REGALS

Again Supreme at the New York State Fair

SYRACUSE, NEW YORK
SEPT. 12-17, 1910



Martin's White Wyandottes again sweep all before them. In a class of 240 birds, the largest class in the show, they won under Judge Drenstedt. Cocks, first, second and fourth; hens, first, third and fourth; cockerels, first, third and fourth; pullets, first, second, third and fifth; pens (old), first, third, fourth and fifth; pens (young), second and fifth. State fair commission special of \$25 cash for best display. This was one of the best classes of White Wyandottes ever shown in the east and never did the Regals more decisively show their superiority. My exhibit of 60 snow-white birds, all showing that splendid Regal type, were the sensation of the show. My five years' record at this show is 26 blue ribbons out of a possible thirty. This will be my only exhibit during the season of 1910-1911 and my customers will have an opportunity of getting some of my choicest birds for the fall and winter shows. Send for catalogue and price list.

John S. Martin, Box 51, Port Dover, Canada

All who are interested are requested to write the secretary for club publications, information, etc. Waldo H. Dunn, Wooster, Ohio. Secretary.

COLUMBIAN WYANDOTTE BREEDERS' ASSOCIATION.

Would like to state through your paper that the first meeting of the Columbian Wyandotte Breeders' Association will be held in Chicago during the coming show there. Specials have been offered, and things look fine. Have some hustling members. Have made application through Secretary Campbell for membership in the American Poultry Association. Some may think this new club was started as a joke, but I never was more in earnest in my life. Send in your name at once to the writer.

D. Lincoln Orr.

Orrs Mills, N. Y.

NOTICE TO HOUDAN BREEDERS.

The American Houdan Club offers the following specials at the Missouri State show, Kansas City, Nov. 29 to Dec. 3, to be competed for by members of the club. Silver cup for best pen, given by Mr. John T. Heizer, president of the American Houdan Club. Five dollars cash for best display. Ribbons for each; best colored male, female, and best shaped male, female. Judge Rigg will place the awards, so bring your birds and find out who is who. Send one dollar for a year's dues to the undersigned.

A. H. Weisberg,
Mo. Vice President American Houdan Club, Nevada, Mo.

NEW CATALOGUE.

The 1910 catalogue of the American Cornish Club is hot from the press. It is full of interesting articles and good cuts of all varieties of the Grand Cornish Fowl. This catalogue will be given free to all applicants enclosing \$1.00 membership fee, and it will be sent free to all members in good standing. The price to interested fanciers is 10c in stamps.

H. C. Hayes, Sec., Eureka, Ills.

NATIONAL COLUMBIAN WYANDOTTE CLUB.

The National Columbian Wyandotte Club will hold its annual meeting in Chicago during the December show. The club offers its members \$50.00 in cash prizes on single entries. The same amount on pens, also the \$25.00 "Buckland Cup" for best shaped Columbian Wyandotte.

The National Single Comb Rhode Island Red Club will hold its next annual meeting and election of officers in connection with the Missouri State Show at Kansas City, November 28, 1910, at 7:30 p. m. The officers to be elected are a president, three vice-presidents, a secretary-treasurer, seven executive committee members, one delegate to A. P. A. convention. The club will also amend its by-laws and transact such other business as may properly come up before the meeting. Also to make arrangements for a large class of Single Comb Reds at the coming National Fair—location soon to be announced. In connection with this meeting the club offers \$75 in cash special prizes to club members only.

Cedar Rapids, Ia. J. H. Valliere.

"FOR THE CITY LOT FANCIER"

A small flock of CHARLES G. PAPE'S STRAIN

SINGLE COMB BLACK MINORCAS

well kept, will use up the table waste and supply large white eggs in goodly numbers for the home table at a much lower price than that you are now paying for store product. A pen (1 male, 4 females) will start you right. Can furnish yearling and 1910 hatched birds having better quality and more of it than in previous years, bred from Championship winners at Chicago, Indianapolis, New York, etc. for the show room or egg farm in any number. If you are in need of any winners, any sex, write and say what you are willing to pay and am sure can help you out nicely, with **BLUE RIBBON WINNERS**.

CHARLES G. PAPE**1617 NORTH CASS STREET****FORT WAYNE, IND.**

**WINNINGS AT
CHICAGO
DECEMBER 1908**

Cock
1st, 3rd and 4th

Hen
1st, 4th and 5th

Cockerel
1st, 2nd and 4th

Pullet
1st, 2nd and 5th

Pen
1st and 2nd

Specials
Silver Cups and Specials
for Best Display.

RUDY'S PERFECTION**White Wyandottes**

**1500 FIFTEEN HUNDRED 1500 CHICKS FOR SALE, ALSO
300 CHOICE BREEDERS 300**

Buy your show birds and breeders now. Quality never better. Write for prices. Illustrated Mating List free if you mention this Journal.

RUDYDALE POULTRY FARM**GEO. H. RUDY BOX A MATTOON, ILLINOIS**

**WINNINGS AT
KANSAS CITY
JANUARY 1910**

Cock
1st, 2nd, 3rd and 4th

Hen
1st, 2nd, 3rd and 4th

Cockerel
1st, 2nd, 3rd and 5th

Pullet
1st, 2nd, 4th and 5th

Pen
1st and 4th

Specials
\$150 Silver Cup for Best
Bird in show. \$50 Silver
Cup for Best Display.

WHITE ORPINGTONS**Superb Type---Superior Quality**

**To be found in my yards can
be seen in this cut**



My birds are absolutely white, of that deep bodied type low down on legs, up to weight and I know I can please you.

My birds won at New York and many other shows last year, have won in all 15 firsts, 15 seconds and 4 thirds. Many Silver Medals and A. P. A. Diplomas. They are unexcelled as layers and if you want "Show Specimens" I can supply you. I also have a fine lot of high class breeding birds and can sell you a magnificent cockerel to head your pen, or mated trios and pens at reasonable prices.

Great Stamina and Vigor are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and Blue Grass range.

100 Acres in Russell Cave Poultry Yards and 7000 Acres in Elmendorf Farm. Express Prepaid on all Orders, either stock or eggs. Every bird absolutely guaranteed just as represented or your money back without any questions. If you want fair treatment, send me your order.

RUSSELL CAVE POULTRY YARDS**ELMENDORF FARM****LOUIS LEE HAGGIN, - LEXINGTON, KENTUCKY**

EXHIBITION BARRED ROCKS

Sure winners for any show. Cocks, hens, cockerels, pullets and pens, bred from our Chicago winners.

Standard Rock Farm :: Truckenbrod Bros. :: Mendota, Illinois

WHITE ORPINGTONS

Kellerstrass Strain. Won again at the big Butler, Pa., August 1910 Fair, 1st cock, 1st, 2nd cockerel, 1st, 2nd, hen, 1st, 2nd pullet, 1st, 2nd pen. 100 May and June hatched cockerels for sale at \$3.00 each, every one worth twice the money but must be sold before 1 move.

L. A. Glessman : Member Am. White Orpington Club : Mars, Pa.

WHITE ORPINGTONS

Several healthy, vigorous, young and old birds for sale at very reasonable prices. First pen at Indianapolis 1910. The early bird catches the big worm. Fly soon and a good bird earn. Satisfaction absolutely guaranteed. Thus, all stock shipped on approval.

Oliver C. Edwards, - Mace, Indiana

BARRED ROCKS

The kind that win in strong competition. Grand cockerels and pullets now ready to ship. If you want Barred Rocks of this kind, write me.

Edward Brown : Route 37 : Mendota, Illinois



Andrews' White Wyandottes

Won FIRST, SECOND and SIXTH COCKEREL and FIRST PEN at BOS-SON, 1910. Have won first pen four successive years. Let me quote you prices on a winner or breeder. They are guaranteed to win for you.

J. W. Andrews Box J Dighton, Massachusetts

"Hoosier Strain"

BARRED PLY. ROCKS

1000 young birds. Bred from winners at New York, Chicago, Indianapolis and Ft. Wayne. Latest winning: Ft. Wayne, 1 cock, 1, 2 hen, 1, 2 cockerel, 1, 2, 3 pullet, 1 pen and all specials. Will have plenty of matured cockerels and pullets for the November and December shows. Also cocks and hens through the moult and of sufficient quality to win anywhere. Utility flocks in any numbers. Place your order now and avoid possible disappointment later.

G. Earl Hoover, R. 24, Matthews, Ind.



R. C. REDS OF QUALITY

150 Cockerels For Sale

Most of them sons of this worthy sire. Many of them now ready for the show room. Grand shape and excellent color. Typical Rhode Island Reds. Prices reasonable, quality considered. Write me your wants.

W. D. LIPE
329 Chestnut St., Litchfield, Illinois

"ATTRACTIONS FOR THE KANSAS CITY SHOW."

No show perhaps ever held in the world will offer as many attractions as the exhibitors, breeders and visitors will find when they visit the Missouri State Show at Kansas City Nov. 29 to Dec. 3. There will be an exhibit of 150 birds from Belgium and perhaps birds from other foreign countries. The largest premiums paid at any show in America will be offered. More people attend the poultry show in Kansas City than any other city in this country, which makes it a great sales show.

The show will be cooped with Empire coops and it will be judged by some of the most prominent judges of the United States and Canada. Gov. Herbert S. Hadley will be present to deliver an address. S. T. Campbell, secretary of the American Poultry Association, and Franklane L. Sewell of Niles, Mich., the world's greatest poultry artist, will both be present to deliver addresses. The southwest branch of the American Poultry Association will hold a big institute and rally.

The show room is one of the largest in this country and it will be beautifully decorated from bottom to top. A great banquet will be held at which there will be addresses and afterdinner talks by the leading judges and poultrymen of this country. We will have the state, district or national meetings of each of the following clubs: The National S. C. Rhode Island Red Club of America, the National S. C. White Orpington Club, the National Buff Orpington Club, the Western Wyandotte Club of America, the American Buff Plymouth Rock Club, National Pekin Duck Club, the Kansas City Pigeon Club, National White Leghorn Club, the National Black Orpington Club, the American Cornish Club, Columbian Wyandotte Club, Buff Leghorn Club, National R. C. Rhode Island Red Club, Black Langshan Club and several of the other large specialty clubs will either hold their meetings with us or offer their specials at this show. If you do not send a few birds to this great show, you will always regret the fact that your flock was not represented at the best show ever held in the world. Write for a catalogue to T. E. Quisenberry, Columbia, Mo.

WASHINGTON, N. J.

The Washington Poultry, Pigeon & Pet Stock Association organized for the coming season by electing the following officers: President, Charles Nixon; vice president, Joseph B. Cornish; treasurer, A. S. Harle; secretary and superintendent, William H. Cyphers; assistant superintendent, W. L. R. Gardner; assistant secretary, A. L. Russell.

The association will hold their annual show at Washington, N. J., the second week of Jan. 10 to 14. Being a member of the American Poultry Association and holding the show under the rules of that organization will guarantee a square deal for everybody. A strong executive committee has been appointed to take charge of the show, consisting of F. L. Hinds, George W. Dilts, A. L. Russell, H. W. Ackerson, F. H. Castner, Joseph B. Cornish, A. S. Harle, William H. Cyphers, Charles Nixon, and they will have the support

of a large membership, many of them old-timers in the show business, as Washington held their first show in 1897. The Skalla auditorium has been engaged for this exhibition. This is the largest and best lighted hall in this section of the state and will insure plenty of room for the large number of birds which will undoubtedly be entered. Three first-class judges will be engaged to pass on the merits of the birds and the members expect to have a large number of cups and specials. For additional information apply to William H. Cyphers, secretary, Washington, N. J.

ST. LOUIS, MO.

The St. Louis Poultry, Pigeon & Pet Stock Association, Inc., will hold their third annual show, Thanksgiving week, Nov. 21 to 26, 1910, at Peoples auditorium, St. Louis.

This association is but three years old, yet it is one of the best organized in the country.

All its officers are broad-gauged and true fanciers and will see to it that every one will be given a square deal and you have our guarantee that the best birds will win.

Many associations will raise their entrance fee this year to \$1.00, but we have decided that 50 cents entrance fee fully covers the expense of cooage, as we own our own coops.

We do not owe a dollar to any man—every premium will be paid as soon as awarded.

We are planning to make this the best and most satisfactory show ever held in St. Louis.

In addition to the regular cash prizes there will be many specials and all the specialty clubs will offer prizes.

Judges Thomas Riggs, T. M. Cambell, John Hettich and George Ewald have been engaged.

M. M. Anderson, Asst. Sec'y.

FORT WAYNE, IND.

The annual poultry show of Fort Wayne, Ind., will take place December 15-20, 1910. This show will be held in a large, well-lighted hall in the heart of the city. The members of the association are this year filled with enthusiasm and ginger and are making things hum in order to get the best show they ever held here. Hundreds of dollars' worth of specials have already been secured, besides the liberal cash premiums which will be paid to the winners before the show is over.

The winning birds will be picked by comparison, while all birds will be scored. Everything will be in first-class shape. For further information address the secretary, W. H. Didier, Ft. Wayne, Ind.

PATERSON, N. J.

The Paterson (N. J.) Poultry, Pigeon & Pet Stock Association have engaged the Fifth Regiment Armory which contains over 48,000 square feet of floor space in which to hold their sixth annual show Nov. 30 to Dec. 3, 1910. Exhibitors always have had the fairest treatment at this show and have shown their appreciation by coming back each year. J. H. Drevenstadt, F. N. Davey, William Stanton, Charles Nixon and Annesloy M. Anderson, judges; L. Thonnerieux, Secretary, 52 Peel st.

TOPEKA, KAN.

Those in charge of the Topeka show, to be held the first week in January, 1911, believe that no other show has had more definite promises of entries several months in advance. Already the secretary has received in black and white promises of entries sufficient to make a good poultry show.

A poultry institute will be held during show week, which promises to surpass in interest anything of the kind attempted so far in the West. The lectures will be

given by the judges in attendance and others. The judges will also give demonstrations in judging birds.

Topeka is believed to be the first city so far west which has put on a show with a comparison system of judging in force and an entry fee of \$1.

Most of the capital stock of the Topeka Show Association has already been subscribed.

Inquiries for premium lists and other information may be secured by addressing the secretary, E. W. Rankin, Topeka, Kan.

Trinidad Lake Asphalt

is the natural proven waterproofer. Its use in streets and roofs for over thirty years has shown it to be a mighty storm-defier and weather-resister.

Genasco Ready Roofing

is made of Trinidad Lake asphalt. It prevents cracks, breaks, and leaks. You can't afford to run risks. You want the roofing that proves it is proof.

The Kant-leak Kleet insures water-tight seams without cement. Ask for it with Genasco.

Ask your dealer for Genasco. Mineral or smooth surface. Don't go by the looks of roofing; insist on the hemisphere trade-mark. A written guarantee—if you want it. Write for samples and the Good Roof Guide Book.

THE BARBER ASPHALT PAVING COMPANY

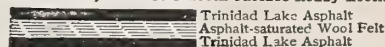


Largest producers of asphalt, and largest manufacturers of ready roofing in the world.

PHILADELPHIA

New York San Francisco Chicago

Cross-section, Genasco Smooth-surface Ready Roofing



White Wyandottes

THE KIND YOU WANT—Young stock up to standard weight and pullets laying since July. Also plenty of old stock. Hens \$1 to \$5 each. My stock satisfies the customer. Write now for what you want.

H. L. Logue - Box 68 - Neponset, Illinois

WOODS' S. C. BROWN LEGHORNS

Are the kind that WINS, LAYS and PAYS. More prizes at Missouri State Show, St. Louis, Dec. 1909, than any competitor, including 1st, 2d and 5th cockerel. 5250 birds on exhibition. Show birds and breeders for sale. The finest lot of cockerels I ever raised. : : : Tom H. Woods, Route 4, Fayette, Missouri

H. H. FIKE'S FAMOUS ... White Wyandottes

Have won more first prizes at leading shows than any other strain. Bred-in-line 15 years. My birds this year better than ever. Can furnish show or breeding stock in any quantity. 2000 birds for sale.

H. H. Fike, : Phone 1354 : Box 336, Libertyville, Ill.

R.C. Reds

We have the grandest bunch of early hatched cockerels bred from our Cleveland, Buffalo and Youngstown winners we ever raised. Exhibition males, \$10 up. Breeding cockerels, \$5 up. We have the shape, size and deep red color (see cut) and will guarantee them. A few breeding pullets left. Write for description.

Simmons & Crittenden : Geneva, Ohio



YOUNGSTOWN FANCIERS CLUB.

At a recent meeting of the Mahoning Poultry Association it was decided to disband said association and reorganize on more substantial lines. The result was the forming of the "Youngstown Fanciers' Club," with a charter list of fifty members. Officers were elected, and Dec. 12 to 17, 1910, were the dates selected for our next annual show. The show will be cooped and the judging, by comparison, will be looked after by such well known judges as Mr. J. E. Gault and J. Harry Wolsieffer.

We extend a cordial invitation to all fanciers to be with us on the above dates and help us keep up our reputation of having "The Quality Show of Ohio." Premium lists and all other information desired may be obtained by writing John L. Siminton, No. 42 South Pearl Street, Youngstown, Ohio.

THE BIG BOSTON SHOW.

"Bet your life I shall show as long as I am raising chickens," was the remark of a New York State breeder who made his first entry and visit to the big Boston show last January. What impressed this breeder, no doubt, was the immense size of the floor space of the Mechanics Building where the show is

held, aggregating nearly five acres and all utilized by the big show. Another thing that surprised the new visitor was the crowds that attended and the "something doing all the time" air about the show. The big building has again been leased for the 1911 show January 10 to 14, and the walls will bulge out if all enter who already have signified their intention to do so. No double tiering, no matter what happens to the walls.

W. B. ATHERTON,
Secretary.

WOMELSDORF, PA.

The Womelsdorf, Pa., Poultry, Pigeon and Pet Stock Association will hold its second annual show, November 30, December 1, 2 and 3, 1910. F. H. Davy, of Yonkers, N. Y., a poultryman of reputation, has been engaged to judge the show.

The officers of the association are: M. S. Weidman, president; F. D. Arnold, vice-president; Chas. D. Leinbach, secretary, Ryeland, Pa.; W. A. Ruth, treasurer; J. D. Lynch, superintendent.

The line-up of officers is the same as last year, which made Womelsdorf's first show, in December, 1909, a pronounced success, and the many kind words spoken at that time by both exhibitor and fan-

cier predict entries that will crowd our spacious hall with an exhibition of poultry and pigeons rarely seen.

All inquiries for information should be addressed to the secretary, Ryeland, Pa. Chas. D. Leinbach.

SCOTTTDALE, PA.

The Scottdale Poultry & Pet Stock Association will hold its first annual show Dec. 6-10, 1910. The show will be held under the rules and regulations of the American Poultry Association. All coops will be furnished free of charge. A large list of special prizes will be awarded. Charles T. Cornman, judge. For premium list and other information address W. G. Sherrick, secretary, Everson, Pa.

FRONT ROYAL, VA.

Front Royal, Va., is making arrangements to hold one of the very best exclusive poultry shows ever held in Virginia on Nov. 15-17, 1910. This show will be cooped by a reliable cooping company. W. Theo. Wittman, judge. For premium list and further information address M. C. Richardson, Jr., secretary, Front Royal, Va.

CHARLOTTE, N. C.

The Charlotte Poultry, Pigeon & Pet Stock Association, which is the oldest in the South, will hold its fourteenth annual exhibition Dec. 28-30, 1910. William F. Brace and R. L. Simmons, judges. For premium list and other information address the secretary, C. W. Best, Charlotte, N. C.

CHAMBERSBURG, PA.

The Franklin County Poultry Association consists of eighty-five active chicken raisers and at a recent meeting decided to hold their next annual show Jan. 18-21, 1911. For premium list and other information address the secretary, E. E. Eckel, Chambersburg, Pa.

BUCYRUS, OHIO.

The Bucyrus Poultry & Pet Stock Association will hold its second annual show Dec. 13-17, 1910. Their first show was a hummer, there being over 1,000 birds in competition and every one satisfied. Frank Heck, judge; D. M. Odaffer, secretary.

COLUMBUS, IND.

The American Poultry Breeders' & Fanciers' Association will hold its fourth annual show January 9-14, 1911. F. W. Corey, judge; H. K. Volland, secretary.

ELYRIA, OHIO.

The Elyria (Ohio) Poultry Show will be held January 4-8, 1911. Fully 1,000 birds are expected at this show. Falkner, judge; A. J. Laundon, secretary, Elyria, Ohio.

COLORADO SPRINGS, COLO.

The Pike's Peak Poultry Association will hold its fourteenth annual show Dec. 12-17, 1910. D. T. Heimlich, judge; H. H. Chase, secretary, 1442 N. Corona st., Colorado Springs, Colo.



Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator

IT MEANS dollars in your pocket to investigate the new Buffalo before placing that incubator order. Large repeat orders are coming in from last year's customers, proving that you will save a lot of time and trouble if you get a Buffalo instead of paying twice my price for an incubator not nearly so good. I want every one of my quarter million poultry friend and former customers to write me at once for full information about this money-saving, labor-saving incubator.

High Factory Cost The Vital Principles—heat—ventilation—regulation—are the same in the Buffalo as in my former high-priced models. The heater is of my regular design, and has the added advantage that the thick asbestos insulation is also covered with galvanized iron, instead of cotton cloth, painted. The ventilation is my well known diffusion method that has made hatcheries of my design *The World's Standard*. The regulator is my compound toggle-joint design, with corrugated zinc leaves and flanged steel centers—the only design that has ever made close heat regulation possible. The lamp is my usual style—galvanized iron, seamless bottom bowl, with the addition of a radio-deflector below the burner, preventing overheating. The trays are strong and covered with galvanized wire cloth. The outer case is open-hearth galvanized iron and can never rust. The inner case is "Water-proofed Buffalo Board," and the walls are thick and well-packed. It has double doors, an inner one of glass and an outer paneled door. No better incubator can be made.

How I Save You Half I am able to **Save You Half** on this thoroughly well-built standard incubator only by **Cutting The Selling Expense**. I do not charge you for fancy literature and the salaries of a corps of high-priced officers and branch-managers. I haven't any dead-heads drawing fancy salaries. When you buy a "Buffalo" you deal with me direct and I give you three-fourths of the usual gross profit. When any poultry-raiser compares a standard Buffalo with another model selling at \$5.00 to \$10.00 more, I get the order every time. Again I get the order when he compares a Buffalo with the cheaply made boxes (called incubators) that sell at Buffalo prices.

Who is Chas. A. Cyphers? For the benefit of the beginner who is unfamiliar with poultry matters, these facts are printed. I wrote "Incubation and its Natural Laws" in 1894, the only scientific treatise on artificial incubation ever published. This work at once became the "Standard" in every country where artificial incubation was practiced. I designed and put the "Cyphers" incubator on the market in 1896 and continued to manufacture it, as President and General Manager of the Cyphers Incubator Co., until 1903, when I put out the "Model", which business I sold a year ago, and put the "Buffalo" on the market. Any poultry-man will tell you that the name "Chas. A. Cyphers" on an incubator means **Quality the same as Sterling** on silver.

Note My Prices No. 0 50-60 Egg Size \$ 9.50 No. 2 220-240 Egg Size \$16.00
No. 1 110-120 Egg Size 12.00 No. 3 340-360 Egg Size 20.00

My Guarantee I positively guarantee that the Buffalo will hatch as well as any incubator made, regardless of cost. I guarantee it to be as substantially made, as well as as easily regulated as any incubator costing from \$4.00 to \$10.00 more, egg capacity considered. I guarantee it to be **Fire-Proof** and to last as long as any incubator ever built. **Your money back.** Send me your order today. Say which size you want and enclose the price with your order. My guarantee insures absolute satisfaction and protects you in every way.

Save A Third On Brooders

1911 Buffalo Colony Brooder is the best I ever built. It is roomy, well-lighted and **Automatically regulated**. It is made of pine lumber and its roof is covered with galvanized iron and will last a life-time. 1911 Indoor Brooder for indoor only, is a gem.

Indoor Brooder\$9.00
Colony Brooder\$12.00

If you want more information before ordering, write for my illustrated circular describing Buffalo Incubators and Brooders.

CHAS. A. CYPHERS, President,
Buffalo Incubator Company,
4700 Ellicott Square, Buffalo, N. Y.

Read This Letter

The Crystal Springs Poultry Co., Oil City, Pennsylvania, markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent. of fertile eggs taken off this season—53%. We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it, in the Buffalo you have a world-beater."

Patrick McEvoy, Manager.

ST. JOSEPH, MO.

After a lapse of a couple of years the inter-state show at St. Joseph, Mo., has "come back." Heretofore the one thing that prevented it from being the success it should have been was the lack of a suitable building in which to hold the annual exhibit. But this obstacle has been removed. St. Joseph now has one of the finest auditoriums in the country and it has been secured for the inter-state show January 23-28, 1911. Experts have pronounced it one of the best in the United States for poultry show purposes. The arena, which is large enough to coop several thousand birds comfortably, a building of itself, which is inside the main structure—a double wall house, if you please, with an air space of thirty to fifty feet between walls. This does away with disastrous drafts which are the bane of the showman's life. The building has plenty of skylight and the heating and ventilating systems are unexcelled.

The inter-state is not supported by legislative appropriation, but it has a "rich uncle." The business men of St. Joseph, realizing that a poultry show is one of the best drawing cards of the year, have determined that the inter-state shall be one of the best in the country. It is backed by the Ad Club, the Retail Merchants' Association, the Business Mens' League, the Commercial Club and other organizations which raised \$10,000 the coldest day last winter to bring a baseball team to town. The same spirit is back of the poultry show and this ought to be sufficient guarantee that every one of the association's obligations will be met.

An attractive list of special premiums will be offered when the premium list is printed. The regular premiums will be as liberal as any in the country. The inter-state has always been the big sweepstakes show of the middle west—the place where the win-

THORNILEY'S ANCONAS

Greatest winter layers ever produced. Strong, healthy, well mottled birds for sale. Circular of stock, eggs and day-old chicks mailed free.

Willard J. Thorniley Marietta, Ohio

IRON RAT-PROOF VERMIN-PROOF COOP

All galvanized iron. Dry and warm. Protects chicks. Real help in breeding. Easily taken apart and stored. Write for free circular. DES MOINES INCUBATOR CO., 244 Third Street, Des Moines, Iowa.

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. C. J. WHITNEY, Galt, Ontario, Canada.

Farm Journal

Balance of 1910 and all of 1911 together with Corning Egg Book, 50c; or Poultry Secrets may be substituted for Corning Egg Book. Mention this paper.

Wilmer Atkinson Co., Philadelphia, Penna.

1911 CONTRACTS FOR BABY CHICKS

We will hatch no more chicks this season. We are adding 50,000 capacity to our machines and are now taking contracts for 1911, delivered in lots of 500 and up. State what kinds you want and get our proposition. The Co-Operative Breeding & Hatching Co., Box A, Tiro, Ohio

ners from four states contest for the final honors of the show season. It will be the only big show held toward the end of the season, the Missouri State Show being held in Kansas City at early date. This ought to bring out a large number of youngsters which needed a few finishing touches late in the fall before they were ready for the show room.

The management has never experimented with unseasoned judges. It costs a little more to secure men of national reputation, but it pays in the end. Keep in touch with the secretary, E. L. McDonald, for further information. It will be worth your while.

THE GREAT INTERNATIONAL.

Believing that nothing is too good for the specialty clubs, which by the way, are the main-stays of the fancy, the International is offering five large cash prizes to be divided pro rata with the entry, among the members of the five specialty clubs making the largest exhibits at the 1911 International show, to be held in Buffalo the last week of January.

They will also return 25 per cent of each member's entry money when the total entry from the club exceeds 150 birds.

The stray fanciers will not fail to see that they can make money by joining a specialty club, if they intend to exhibit at the International, which through this generous offer, is paying the membership fee.

Several fanciers have criticised the new method of judging, not caring to have their birds handled by the attendants, so the method has been changed, and the birds will not be taken out of their coops or handled except by the judges, but the ownership of the birds cannot be known by the judge until after the awards are made.

Journal's Row—modified but more beautiful, will be seen again at the 1911 International.

A card addressed International Show, 309 Brisbane Bldg., Buffalo, N. Y., will bring you a premium list Dec. 1.

INDIANAPOLIS, IND.

The eleventh annual show of the Fanciers' Association of Indiana, at Indianapolis, Feb. 6 to 10, 1911. As usual this will be a combination show of poultry, dogs, cats and pigeons. Big cash prizes and silver cups are the drawing cards for the quality show of the West. More sales at long price are made at the Indianapolis show than many of the eastern shows can boast of. Specialty clubs, both state and national, are again making this their round-up show of the year. Ten of the best judges in the United States will place the awards in the different departments and do this in a very short time so that exhibitors have very little time to wait for the decisions of the judges. For prospectus and other information of the best show of the West, write the secretary, C. R. Milhous, Lebanon, Ind.

WICHITA, KAN.

The Kansas State Poultry Association will hold their annual show January 9-14, 1911. Thompson, Johnston and Stoner, judges; Thomas Owen, secretary, Sta. B, Topeka, Kan.

BAY CITY, MICH.

There was recently organized in Bay City, Mich., a poultry association known as the Bay County Poultry Association and they will hold their first annual show during the week commencing January 22, 1911. Wick Hathaway, judge.

RICHMOND, IND.

The Greater Richmond Poultry & Pet Stock Association will hold its annual show Dec. 7, 8, 9, 10, 1910. S. B. Lane, judge; Frank L. Waidele, secretary, 711 S. "A" st., W. R.

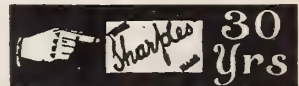
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We will mail to you, free, large pictures showing the immense number of common cream separators recently exchanged for Sharples Dairy Tubulars. These pictures would cover more than one page of this paper, and are positive proof that farmers all over the world are discarding common machines for Sharples Dairy Tubulars. These pictures show just a short time accumulation of these discarded common machines. Write for these pictures at once.

Sharples Dairy Tubular Cream Separators contain neither disks nor other contraptions, yet produce twice the skimming force, skim faster and skim twice as clean as common machines. Because Dairy Tubulars are so simple, they wash many times easier and wear several times longer than common separators. Tubular sales exceed most, if not all, others combined. Tubulars probably replace more common separators than any one maker of such machines sells. The World's Best. World's biggest separator works. Branch factories in Canada and Germany. Write for Catalogue No. 205



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Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 801, Easton, Pa.

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MORE EGGS

More eggs this Fall and Winter if you adopt my new poultry and egg method. Two years ago I discovered and perfected the most successful and profitable poultry method known. The secret of how to make one hundred hens lay eighty eggs a day. Sent on FREE TRIAL; guaranteed to make the hens lay before you pay. MRS. L. ALLEY, Box A New Madrid, Mo.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question—I have some Brown Leghorn pullets which have commenced to lay at three months and twenty-six days old. This seems so young to me that I would like to know the youngest age at which pullets have been reported to lay.

Woneoc, Wis.

J. H. W.

Answer—In rare instances pullets have been known to lay at the age of three and a half months.

Question—(1) What breed of chickens do you consider the best for my climate? (2) Can Light Brahmas, under good care, be raised successfully in this climate? (3) What is the difference in average weight between the Light Brahma and White Leghorn eggs? (4) How can a strain be maintained?

Houma, La.

J. H. B.

Answer—(1) Any of the American varieties, such as Plymouth Rocks, Wyandottes or Rhode Island Reds. (2) We don't think so. (3) Four to six ounces to the dozen. (4) By line breeding.

Question—Am raising 25 White Orpingtons hatched from two settings of eggs last spring. The one lot is now just four months old, while the other is three weeks younger and the older ones weigh four and five pounds apiece, while the younger run from three to four and a half pounds apiece, and all have grown very good, not having lost one or had one sick, but both lots are moulting until their coops are white with feathers. I never knew such young chickens to shed and was somewhat surprised. I feed cracked corn and wheat in a litter at night, giving enough to keep them at work the following

morning, and keep a dry mash before them all the time, composed on the following basis: wheat bran, 25 pounds; wheat middlings, 15 pounds, ground oats, 10 pounds; cornmeal, 10 pounds; glutin, 10 pounds; mealed alfalfa, 5 pounds. About three times a week I give all the sprouted oats they will eat at noon. Would be pleased to know cause, if possible.

G. M. B.

Mishappen, Pa.

Answer—It is no uncommon occurrence for young fowls to molt in the fall, and your system of feed has made your fowls develop very rapidly. As soon as they get through this molt they will begin to lay and will probably lay steadily all winter.

Question—How much water will be needed for 100 hens per year? There are no wells in this section—all cisterns. Which is the best plan for watering chickens so as to save on water and have it clean and wasting none?

C. W.

Montavilla, Ore.

Answer—The quantity of water can only be determined by observation. A Weldon drinking fountain will solve the problem for you.

I notice in your "Questions and Answers" that Mrs. F. M. V. wants to know why it is that nearly all the cockerels they have caponized puff out on the sides with wind.

Now, I am not an authority along these lines, but will suggest a reason for the trouble.

The opening has been made either too far forward or too high up, and either cut or tore the lungs, and as the skin of the chicken heals very rapidly, as the air passes out through the lungs and

into the cavity around the entrails, it finds its way out of the opening between the ribs and out under the skin, causing it to puff out.

If she will notice the breathing of a puffed chicken, I think she will hear a wheezing sound as the air passes out through the torn lung.

I have torn the lung with the spreader as well as cutting with the knife. Would be glad to hear from some expert along these lines.

Willard Stapleton.

Purdy, Mo.

Question—(1) Some of my White Wyandottes have scaly legs. They seem to become scaly when the birds are about one year old; my younger stock is not affected whatever and they both range together. Any remedy that you may suggest for this trouble will be greatly appreciated. (2) How many Wyandotte hens will a coop 16x32 feet accommodate? How many nests should be provided for such a number of hens? (3) I intend to buy some Wyandotte pullets this fall, and would you advise me to buy a cockerel from the same party to mate with these pullets, or should I get a distinct bird? (4) How should a bird with a frosted comb be treated?

G. L. T.

Williamsport, Pa.

Answer—(1) Scaly-leg is caused by a mite which gets under the scales on the leg. Soak the legs in warm, soapy water until the scales become quite soft. Clean them thoroughly by using a brush. After drying the legs apply sulphur or carbolic ointment. A few treatments will effect a cure. (2) About 85; 25 nests. (3) Get a cock bird from the same party. (4) Frequent applications of vaseline.

Question—(1) What is the right proportion of oats, corn and barley to feed laying hens? (2) How many hens will a house 10 x 16, with a scratching shed 6 x 16, accommodate? (3) Is a warm mash in the morning all right? what is a good mash? (4) I have a hen that appears sick but cannot find out what is the matter. She eats all



Section of Pens, showing a few of the Norwich Automatic Exercisers and Feeders in use on the plant of the River Home Poultry Yards, breeders of high-class Light Brahmas and Barred Plymouth Rocks. Box "B," Perrysburg, O.

right, her comb has a healthy color, and she has no lice. She just mopes around. What is the matter?

Belmond, Iowa.

R. A. R.

Answer—(1) Oats, corn and barley is not considered a first-class feed for laying hens. Wheat and oats in equal proportions are better, but where oats, corn and barley are used, mix them as follows: Two parts oats, one part corn and barley. (2) One hundred. (3) Yes. A very good mash is made as follows: Two parts bran, one part wheat middlings, one part cornmeal, one part alfalfa meal or clover meal, one part beef scraps. Mix with boiling water into a crumbly state. (4) Give a dose of Epsom salts, 20 to 30 grains. See our Poultry Doctor Book for full particulars about all diseases of poultry.

Question—Would you please answer through your "Question and Answer column," where I can buy Buff turkey eggs? I do not see them advertised.

New Orleans, La.

M. T.

Answer—Will Buff turkey breeder please take notice and send in their names and address.

Question—(1) How many chickens (White Orpingtons) should be kept in a house 10 x 10 feet with an open run or yard in addition 40 x 10 feet? (2) Would it be a good plan to purchase a cock and several hens and then put the pullets from the union, with the cock, taking a young cock from the union to put with the hens? After establishing the two pens, from that point simply mate up the pullets from one pen with a cock from the other pen and in that way carrying the two pens along from year to year, always

selecting the best birds of both sexes for breeders? (3) Will you suggest a well-balanced ration of grain that can be fed the year around in addition to the necessary amount of green and animal food? (4) Is it better to feed from a hopper or by hand, if by hand about how much to each fowl daily, the chickens being White Orpingtons? (5) In your opinion is a White Orpington a good fowl for laying and for the table?

Sonora, Mex.

C. J. B.

Answer—(1) Seventeen. (2) This method is all right for one or two years, but only experienced breeders can successfully practice line breeding. (3) Wheat, oats and barley, or wheat and oats in equal proportions. (4) This question can only be decided by experience. Both systems are good, but it is difficult to say which is the better. The amount to each fowl can only be determined by experience. A small handful to each fowl three times a day is about the right proportion. (5) Yes.

Question—(1) We have a chicken about five months old, who, after she eats, has a gurgling sound in her throat. What is the cause of it. (2) Are Hen-e-ta bone grits good for chickens? This food is made by the Hen-e-ta Bone Co., Flemington, W. Va.

Passaic, N. J.

H. C.

Answer—(1) This is probably bronchitis caused by a cold. Put a few drops of carbolic acid into a kettle of boiling water, hold the head of the fowl over the kettle and allow her to inhale the steam or vapor. A few treatments will usually effect a cure. See our Poultry Doctor Book about this and other diseases of poultry. (2) Yes.

Question—(1) Will you kindly tell

me how I can construct a burglar alarm so I can tell when any one gets in my poultry house? Poultry house about 600 feet from house? (2) Kindly tell me how to raise milk-fed chickens; can they be raised on milk only? (3) How much above the market price should milk-fed chickens bring? (4) Where should they be marketed to get the best prices?

Strobel, Ohio.

H. M. S.

Answer—(1) This can be done with wires and a dry-cell battery. Have wire connected with each door and window so that when any one of them is opened it will cause the bell to ring in the house. This can be installed at a very small cost, not to exceed \$3. (2) Milk-fed chickens are raised the same as any other, except that their feed is mixed with milk and they are given a certain amount of milk to drink. (3) Three to five cents per pound. (4) This all depends on the condition of the market, and the prices are governed by supply and demand.

Question—(1) I have chickens four months old that stand about with eyes closed, feathers drooped, pale heads; remain thus for about two days and die. (2) Decay seems to have taken place before death; they are not lousy; what would you call the trouble? One cock run with forty hens and the eggs hatched fine and chicks thrived for a time but later on appear to stand still; is that the cause of the trouble? (3) How much dry grain per day will three Toulouse geese require? Which kinds are best and what other food do they require? (4) Will one get satisfactory results by mating two females with one male? (5) How many eggs can one

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Like Father—Like Son

are the consummation of the highest ideals of a thoroughly satisfactory utility and exhibition bird. We have bred them to the highest point of egg production that is consistent with the proper maintenance of vigor and constitution. Their reproducing powers are unimpaired.

PITTSFIELD QUALITY: birds are raised and kept under the most approved sanitary conditions and are handled with the keenest attention to details. They are bred to withstand the most vigorous conditions of weather and climate; they are Maine bred. That is why owners of Pittsfield quality foundation stock are always successful.

We are prepared at all times to furnish anything in Barred Rocks. Show birds ready for the show room. Breeding Stock—Hatching Eggs—Day-Old Chicks. We guarantee every sale satisfactory. Write for full particulars—Illustrated catalogue free.

Exhibition birds that are bred according to Modern Ideas and that are layers of great ability.

Utility stock that is bred for laying without losing sight of the important factors color, barring, propagation.

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are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on. Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-75c. All supply dealers sell them. Sample band and my price list mailed for 2c stamp.

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is guaranteed to free your poultry houses of lice and mites and keep them free without bother or work. Dustyne is also a wonderful disinfectant. It will absorb the poisonous gases from the dropping boards and make the whole place clean and sanitary. Dustyne

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Clean, healthful birds always lay better. Keep your poultry houses the way they should be—free from vermin and sanitary—and you will double your poultry profits. If your dealer does not handle Dustyne send us his name and \$1.50 for 100 lb. trial order; freight paid east of Missouri River. Money back if not satisfied. You take no risk so send today. Booklet and sample mailed on request.

Poultry Dust Bath Co., Inc.
Box M WHITING, INDIANA

expect from a single fowl? (6) When should goslings hatched in May begin to lay? (7) How much and what kind of grain should be fed to a trio of Bronze turkeys for breeding purposes? (8) How many eggs does a turkey usually lay and how early? (9) If not allowed to sit will they lay more than two layings? (10) What is the average weight for young Bronze turkeys in the fall?

Boston, Ohio.

P. R.

Answer—(1) You do not give condition of intestines. This is necessary before we can give a definite answer. We feel sure, however, that lice is what is causing the trouble. (2) No. (3) Geese do not require much if any grain during the time that grass is obtainable. Corn and wheat are the best grains, and feed just what they will eat up clean in about five minutes. (4) Yes. (5) From 25 to 40. (6) The following spring. (7) Turkeys consume considerable feed, but the exact amount can only be determined by experience. Feed just what they will eat up clean at one time. A little experience will soon teach you the amount necessary. Corn and wheat are the best grains. (8) From 30 to 40. (9) No, not in one season. (10) From 15 to 20 pounds.

Question—(1) At what age does a Cockerel have to be to become a cock? (2) How many Columbian Wyandotte hens to mate with a two-year-old cock? (3) I only feed one regular meal of dry oats, once a day at night with plenty of table scraps and green stuff during the day, and my fowls seem to thrive and do well; would you advise more feed and oftener? (4) How much oats would you advise for such a feed for one cock and ten hens? (5) What causes the feathers to come out of the breast of my Cornish Indian Games? Their breast bone is perfectly bare, almost raw. There is no mites on them.

Selma, Ala.

L. D. M.

Answer—(1) One year. (2) Ten. (3) Would not advise change if your fowls are doing well on present ration. (4) One-half pint to each fowl. (5) At this season of the year fowls molt, or lose their old feathers. New feathers will, no doubt, soon appear on the breasts of your fowls.

Question—(1) Why do my May hatched chickens get droopy and then die, they seem too weak to stand at times and fall over one another? (2) What is a good winter food for hens, also how much to feed to thirty hens twice a day? (3) Is three months unusually a long time for hens to molt? (4) What causes sore and scabby heads? (5) Does scaly leg have injurious effects?

G. L.

Providence, R. I.

Answer—(1) Lice is no doubt the trouble. (2) Wheat, oats and corn. A small handful to each fowl. (3) Yes. (4) Damp, filthy quarters. (5) Yes. See our Poultry Doctor Book for information about this and all other diseases of poultry.

Question—(1) What time of year should White Pekin ducks begin to lay? (2) How many ducks can be kept with one drake and get fertile eggs? (3) How often should ducks be picked? (4) How many White Pekin ducks will make a pound of feathers at one picking?

Ewing, Ill.

M. D. C.

Answer—(1) Last of March or first

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of April. (2) Six. (3) As often as the feathers become ripe, which is when the feathers can be pulled out without any blood on them. (4) We are unable to say.

Question—What I wish to know is when a hen or cock carries their tail to one side will it have any effect on the eggs of the hen or not? She is a fine White Orpington. The cock is White Leghorn. Is he effected as a cock or not, for breeding purposes. The hen also.

Vicksburg, Miss.

C. C.

Answer—Any bird that has a crooked tail should not be used for breeding purposes, as the offspring are liable to be affected in the same manner. Only perfect specimens of any variety should be used for breeding purposes.

Question—(1) I have a house 12 x 24 8 foot front 6 foot rear, divided into two pens. Can I keep forty Single Comb White Leghorns in same? (2) I have a good strain from a reliable dealer. Now should I cross with another strain of same variety or send to dealer where I got breed from and get a cock to breed them? (3) Where can I get a book on mating White Leghorns? (4) Do you know of a Single Comb White Leghorn Club in Indiana?

Auburn, Ind.

C. A. P.

Answer—(1) Yes. (2) Get a cock of same strain if possible. (3) Our book, Origin and History of All Breeds of Poultry, tells how to mate the different varieties. (4) No.

Question—(1) Is there anv way to know the difference between a hen and a cock when they are young chicks? (2) May I give the same food to laying hens and to pullets of about three months, these pullets are destined to be laying hens? (3) I have four cocks who are ten weeks old; they are together in a special coop, and they fight all the time, what shall I do? (4) Are the eggs fertilized by a cock of fourteen weeks old good for breeding purpose, if not at what age? (5) At what age does a pullet begin to set? (6) May I leave thirty pullets and two cocks together in the same pen? (7) What is the best food for pullets three months old?

Miss G. F.

Barrington Center, R. I.

Answer—(1) No. (2) Yes. (3) Separate them. (4) No. Six to eight months. (5) Cannot say. (6) You may, but it is poor policy. (7) Wheat and oats.

Question—(1) I have a few pretty good pullets I got this spring from a cockerel I raised out of a sitting of eggs I got of a local breeder of Rhode Island Reds a year ago. He claims to have a good strain of chickens, but I do not know if the eggs were from his best stock or not. The cockerel is good in color and has nice comb, but rather short in length of body and only weighs 7½ pounds. A June hatch bird. I want to know if I can breed him back with his pullets or get another cockerel from another breeder next spring. I want to improve my stock, but I cannot afford to buy a cockerel every year. (2) I have a hen that lays an egg with a flat spot about the size of a quarter in silver and in the center the shell is very soft and thin as paper. (3) Is broken rice good to feed growing

COLUMBIAN WYANDOTTES

Winners at Indianapolis, Sept. 1910—If you are looking for Columbian Wyandottes that are of standard type in ALL respects at exceptionally low prices, quality considered, write me. THE PROOF OF THE PUDDING is the winnings I made at Indianapolis, Sept. '10 in the face of strong competition. 1st ck.; 2d, 3d hen; cockerel.

B. N. Stephenson : Expert Poultry Judge : Salem, Indiana

MOORE'S S. C. WHITE LEGHORNS

BARGAINS in females from exhibition matings. 100 utility hens for sale, \$1 and \$1.25 each. Eggs half price.

MOORE BROS.

MOSCOW, NEW YORK

S. C. R. I. Reds

Have a few choice cockerels and pullets left for sale from my state fair winners. \$1.50 to \$10. Satisfaction guaranteed. Correspondence invited.

Harry Mentzer, 1634 Mulvane Street, Topeka, Kansas

Greenwood & Yeoman's

Exhibition Light Brahmas. The kind that wins in all classes of competition. Choice stock for sale at prices that suit. Eggs a specialty. Correspondence a business. Mention American Poultry Journal.

Box 1334

Paterson, New Jersey

S. C. W. Orpingtons

Winners New York, 1909; Cleveland, 1910. Some choice young stock for sale that are good enough to win in any class. Write for prices today. I can suit you. Mention American Poultry Journal.

Harold L. Purvis

Box 31

Butler, Pennsylvania

S. C. AND R. C. REDS

The brilliant Dark Red kind that win the blue. Plenty of young stock of both combs now ready to ship. Exhibition specimens a matter of correspondence. Write today. Mention American Poultry Journal.

Oak Nest Farm, Chas. Shields, Owner, Hookstown, Beaver County, Penna.

WHITE ROCKS

I breed exhibition quality and my birds win. Choice young stock now ready to ship. I guarantee satisfaction or no sale. Write today.

J. H. Trobaugh

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Delphi, Indiana

Buff ORPINGTONS Black

Choice young stock now ready to ship that will please the most painstaking breeder or may at once be returned at my expense. Describe your exact wants. Mention American Poultry Journal.

S. Luttrell

:

Route 1

:

Waverly, Illinois



Bred and Owned by F. R. Green, Lake City, Iowa.

RINGLET

Barred Ply. Rocks

Have won more prizes at the leading shows of America than all others, which stamps their superior quality. I now have the finest and largest lot of exhibition and breeding birds I ever owned. They show the ringy barring and sharp contrasting colors that win under all judges. Write me just what you want and I will make you a low price considering the stock you get.

F. R. Green, Lake City, Ia.

One of the oldest breeders of Barred Rocks in the West. At it over 21 years

Barred Plymouth Rocks

EXCLUSIVELY

I have raised largest and best flock of high class and of quality young stock ever produced on my farm exclusively of my own breeding. My strain is of the richest blood of my sweepstake and champion winners at the Illinois State Show at Springfield, 1910. Exhibition male and female. If you want birds for the fall and winter shows, or breeders that will produce winners, write me your wants at prices right. Remember we have both exhibition and utility stock. We guarantee to please.

S. N. BUSS R. F. D. NO. 1 PANOLA, ILLINOIS

SACRIFICE SALE

Entire breeding stock of Egg-record, Pedigreed S. C. BUFF LEGHORNS. Owing to condition of health I must sell at once my valued breeders and young stock composed of 40 breeders—the culled down cream, some having egg records between 219 and 267, 1st cockerel at Detroit 1910, 1st cock at Grand Rapids 1910, 125 pullets, many laying and 75 choice cockerels, all ribbons, mailing list, etc. I can show any buyer that a business of \$800.00 or \$1000.00 can be done with these birds of my strain next year and purchase price made before spring. Until sold I will continue to sell utility trios at \$3.50 and \$5.00 and cockerels at bargains.

Dr. Loren Heasley Box A Dorr, Michigan

COLUMBIAN WYANDOTTES

Fine lot of well developed chicks ready for the Fall fairs, bred from winners at Boston, Providence, Brockton and Allentown, Pa. A few of this year's breeders left for sale. Prices right. Satisfaction or no sale.

Pine Grove Poultry Farm, William Hunt, Proprietor, No. Middleboro, Mass.

R. AND S. C. REDS

Stock for sale at greatly reduced prices. I have a number of very fine yearling breeders for sale yet, among them are a few of my prize winners. Can also furnish prize winners in young stock for the coming shows. Mention American Poultry Journal.

Wm. H. Klug, Prop., 895 Seyburn Ave., Detroit, Mich.

ORPINGTONS

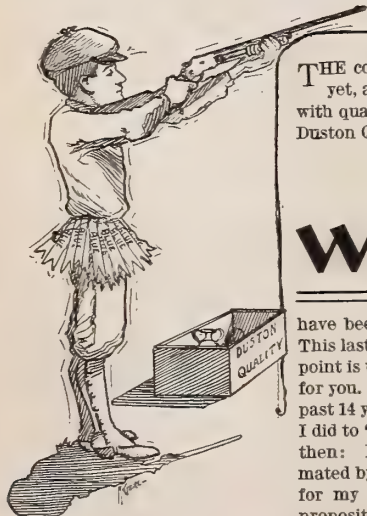
As a result of the season's work we have about

300 S. C. White and Buff Orpington Cockerels

that we must dispose of before Winter, and we are accordingly offering them at very low prices. Cook strain, and are sons and grandsons of Madison Square winners. They have been carefully raised on free range on our 140-acre farm, and are large, healthy, promising. A splendid chance to get fresh blood in your flock from a very heavy laying, celebrated strain. Many of these cockerels will develop into prize winners. Also a few very high class Black Orpington yearling cocks. Send for circular.

Grannis Bros., R. F. D. 12, LaGrangeville, Dutchess County, New York

TAKE NO CHANCES
USE ONLY HEAVY CHARGES



THE coming show season looks like it would be the hottest yet, and unless you are out with a gun loaded to the muzzle with quality you won't win. That is why you must consider Duston Quality. His

White Wyandottes

have been winning continuously since 1896 the World over. This last season stock sold made marvelous winnings. The point is this, you want to hit the blue. I can turn the trick for you. Fitting all high class show birds as I have done for past 14 years. I guess I know a little bit about it. Look what I did to "them" at New York for three consecutive years, and then: Proven breeders and young from them personally mated by me for best results. Say: Just send me 10 cents for my catalogue writing needs and let me make you a proposition.

Arthur G. Duston, Box 1020, So. Framingham, Massachusetts

N. B. Always at the head. Have bred White Wyandottes as a specialist longer than any breeder in the country. Gave the others a start, why not you?

chickens and laying hens; should it be cooked or fed raw? W. C. L.

Joliet, Ills.

Answer—(1) Procure a good cock bird to mate with your pullets. (2) This is caused by a deformity in the shell-forming chamber of the egg passage. This bird is of no value as a breeder. (3) Yes, either cooked or raw, but we prefer the cooked.

Question—The infected birds set around and don't eat and drink little. They become stiff all over the body and whenever they try to walk they fall over. The old chickens live for several weeks after becoming sick while the chicks die in a few days. I cut open one bird and every part of the intestines seemed to be normal. I have lost only two while my neighbors has lost about twenty. P. L.

Piqua, Ohio.

Answer—This is evidently a form of rheumatism, caused by the fowls being confined in poorly ventilated quarters, or by being exposed to damp weather. Begin treatment with a dose of Epsom salts, 20 to 30 grains. In their drinking water give them a tablespoonful of common baking soda to each quart of water.

Question—(1) Would you kindly publish some formula for dry mash poultry feed? (2) When the dry mash system is used, when and how should grain and meat be fed? (3) Give me the name of some book which covers thoroughly this subject of dry mash feeding. C. H.

La Grange, Ill.

Answer—(1) See question of G. M. B. in this issue. (2) Grain should be fed only once a day, at night. Meat three times a week; not more than two ounces to each fowl. (3) See our list of poultry books in this issue.

Question—Why does an incubator, after a few years of use, give poorer hatches than at first? C. W.

Portland, Ore.

Answer—Simply because, unknowingly, you do not give it the same attention you did at first.

Question—I would like some information about Indian Runner ducks: (1) Can I mate a young drake to old ducks? (2) Is the brown and white a Standard color. (3) My ducks averaged 25 eggs in one month. Is this a good average? (4) My ducklings, at three or four weeks of age, became weak in their legs and soon died. What caused this? Inwood, Ia. H. G.

Answer—(1) Yes. (2) Yes. (3) Yes. (4) This is usually caused by allowing the young ducks access to water. Young ducks should not be allowed in the water until they are fully feathered out. Sometimes it is caused by overfeeding.

Question.—Will you kindly tell me in your next issue (October) which breed is considered the best layers, the White Leghorn or the Blue Andalusians? St. Louis, Mo. S. E. P.

Answer.—The White Leghorn.

Question.—Will you kindly tell me how to mix a dry mash? M. L. B. Springfield, Mass.

Answer.—Read question of G. M. B. in this issue, which contains a good formula for a dry mash.

WILLIAMSPORT, PA.

The third annual exhibition of the West Branch Poultry and Kennel Club of Williamsport, Pa., will be held Nov. 30 to Dec. 3, 1910. H. P. Schwab and Theodore Wittman, judges. For premium list and further information address the secretary, James T. Huston, 422 Louisa st., Williamsport, Pa.

NEWTON, ILL.

The Illinois National Poultry Association will hold its third annual show Dec. 26-29, 1910. Charles McClave, judge; Floyd Clark, secretary.

ROOFING GUARANTEES.

When a maker guarantees his roofing, it merely means that he puts his claims for it in writing, and if there is any dispute afterwards, there are thousands of ways in which the maker can evade responsibility if he chooses.

The makers of Congo Roofing, however, have devised an interesting plan which gives the buyer absolute protection. With each roll of roofing is furnished a Surety Bond issued by the National Surety Company of New York, guaranteeing the faithful performance of the guarantee by the manufacturers. This gives to any possible complainant a Court of Appeals to which he can go, over the head of the manufacturer. In fact, this guarantee bond so pledges that if the manufacturers of Congo Roofing should go bankrupt or close out their business, the Surety Company would still continue to guarantee the reliability and satisfaction of Congo Roofing. The guarantee on the three ply is for ten years.

A copy of the Guarantee can be obtained by addressing the United Roofing and Manufacturing Company, Philadelphia, Chicago and San Francisco.

ROOFING ECONOMY.

In the entire industrial world there is probably no better example of true economical management than afforded by our great railroad systems. The very nature of their business makes absolutely necessary the closest attention to detail. Their purchasing is carried out along the most scientific lines and affords no chance for a continual usage of an inferior material. For that reason the individual buyer can always profit by the example of these systems.

In every line it is not always possible, of course, to find out just what the railroads are using. This does not apply, however, to roofing and building papers. For years the great railroad systems of the country have been, perhaps, the largest users of the Neponset Roofings and Neponset Building Papers. Included you will find such as the Harriman Lines, Pennsylvania Lines, New York Central Lines, etc., and in New England, indeed, the three leading railroads use nothing else. Over 75 per cent of the refrigerator cars built in this country are insulated with Neponset Waterproof Paper.

F. W. Bird & Son, of East Walpole, Mass., makers of the Bird Neponset Products, were originators of the ready roofing idea, and have been in the one business for one hundred and fifteen years.

A. J. Laundon, of Elyria, O., has a flock of about 400 White and Barred Rocks. Among these are several winners in Ohio shows last winter. Whenever they were exhibited they took the prizes, winning thirty odd in all. Mr. Laundon is particularly enthusiastic over his stock and says he will "place his birds alongside of anything of their breed in the world and win." They are indeed a handsome lot of fowls and the owner deserves the success he is having, as he is a careful and painstaking breeder of experience. See his ad elsewhere.

Owing to the fact that Judge W. E. Stanfield, proprietor of Brookdale Farm, has several large shows to judge on the Pacific Coast during the early part of the season, a special sale is being advertised on S. C. White Orpingtons, which it would pay any contemplative buyer to investigate. Also a few good Buffs are included. Any of our readers interested, address a card to Brookdale Farm, Hillsdale, Mich., and full information will be sent you at once.

200 Lbs. of PEERLESS POULTRY GRIT

SENT TO YOU
FREIGHT PREPAID
for \$1.95

Do you want to increase your egg crop this Winter when prices are highest? If so, you should commence now to feed Peerless Poultry Grit—the great egg producer. One of the great secrets of poultry health is plenty of good, sharp, insoluble grit. Beware of the so-called grit that is not sharp. You want grit that grinds—Peerless Grit.

The wise poultryman pays particular attention to the quality of the feed and grit for his flock. Experience and profit have taught that the best is always the cheapest in the end. When you order Peerless Poultry Grit you get fresh grit direct from the mine. We mine and crush every day, and ship orders as fast as received. You get grit that is fresh, clean and pure.

PEERLESS POULTRY GRIT

is composed of Quartz and Feldspar—the two hardest and sharpest of rock-forming minerals—insoluble in acid and harder than steel—the ideal minerals for grit. If you expect your fowls to be vigorous and strong, and great egg-producers, and thus money-makers, you must feed properly and supply this grit. Start now and reap the benefits of your wisdom. Your neighbors will wonder at your success.



Send us your order to-day with \$1.95, and we will promptly ship 200 lbs of Peerless Poultry Grit, with all freight charges prepaid, if you live east of Missouri River and North of Ohio River. Freight allowance to places outside of this territory. Remember, we guarantee entire satisfaction.

Write for free sample and booklet, "A Few Condensed Facts Regarding Poultry Grit." You will learn something.

PEERLESS POULTRY GRIT CO.

924 BROADWAY, ALBANY, N. Y.



This Magnificent Suit for Only \$4⁹⁵

This beats all previous suit offers. The regular selling price of this black Cheviot Suit is \$10.

Order by Lot No. 25AD52, Price \$4.95. A big manufacturer needed money. He came to us with his entire stock of men's fine suits. There are thousands of them, stylish and splendidly tailored. We bought them all for spot cash—at a figure so low that it would not pay for the cloth alone. A suit that will add 50 per cent to your appearance. One of the season's newest models, perfect in cut, style and finish. Has every comfort and self-satisfying quality. Sizes 34 to 44 chest, 30 to 35 inseam. Give chest measure, length of inseam, height and weight.

NOTICE—We give free an extra pair of trousers with each suit. These are made of dark gray, mixed or fancy striped cloth, cut the latest mode.

This Regular \$10 Overcoat for only \$5²⁵

Order by Lot No. 25AD209, Price \$5.25. On account of our superior methods of buying high grade clothing at forced sales, we are able to offer you this splendid overcoat at a marvelously low price. It is of heavy durable fringe, warm and rich in appearance. The coat is full and roomy; well tailored; perfect fitting. Has a high grade black, thickly padded lining. It is a stylish garment and will keep you warm several winters. This is one of our best bargains and sure to be recognized at once by money-saving buyers. Get your order in today. Colors, black or dark gray. Sizes 34 to 44 inch chest. Regulation overcoat length 46 inches.

Ask For Our Clothing Catalog No. MD 186, It's Free!

We have Men's Suits, Boys' Suits of all sizes and latest styles at positively the lowest prices. The two bargains here shown are impressive examples of the money-saving offerings in our catalog. The catalog contains samples of cloth. It gives our complete stock and is a correct guide for fall and winter clothing. Every garment must be satisfactory or we will refund your money. This catalog is made up of one grand bargain after another. Send for it today and profit by the great saving we afford you.

CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., Chicago



COCKEREL BARGAINS

I have over 200 BARRED ROCK cockerels, March hatch that I can sell now for \$2 to \$3 apiece. Later on the price will be \$10. These are E. B. Thompson pure "Ringlet" strain. This is a chance of your life time. Order now and be prepared for that early fall show.

G. A. Barnett, Route 1, Clinton, Illinois

White Leghorns & White Rocks

The Two Best Strains on Earth—Choice young stock of both varieties now ready for early shows at prices that will please. Satisfaction or no sale.

River View Poultry Farm : Burlington, Iowa

CHAMBERS' S. C. BUFF ORPINGTONS

They are prize winners wherever shown. Eggs balance of season at half price, \$2 per 15. Please mention American Poultry Journal when writing.

Edward Chambers - Aurora, Indiana

ROOFINGS THAT NEED NO PAINTING.

Times have changed since the good old days when we used to climb up on our roofs every year or two and put a

larly, since that was the only way to get satisfactory service out of them.

Recently the whole roofing business has been changed by the introduction of roofings which need no paint, of which Amatite Roofing is the most favorably known. These roofings have a surface of crushed

either. Amatite Roofing, for instance, costs considerably less than painted roofings of the same weight.

You can get full information and a free sample from the manufacturers on request. Address Barrett Manufacturing Company, New York, Chicago, Philadelphia, Boston, Cleveland, Pittsburgh, Cincinnati, Minneapolis, St. Louis, Kansas City, New Orleans, London, Eng.



There is no fowl more beautiful than a "White Plymouth Rock" when in the pink of condition, with their snow-white plumage, bright red combs and face and their rich yellow shanks. Their past records show that as egg-producers they are unsurpassed. In a White Plymouth Rock we have the two most essential points of a chicken combined—beauty and egg production; while as a table fowl their fine flesh and large frame puts them in a class by themselves. They have won more prizes than any other strain of fowls on the globe and today the finest exhibition specimens are bringing from \$100 to \$1,000 each. It is such breeders as C. M. Reynolds, of Fullerton, Neb., that make a success of the poultry business. He knows a choice bird when he sees it and was not afraid to pay the price for his foundation stock. He paid \$50 for the cock bird, \$10 each for the hens, and \$100 for 100 eggs to start his flock, and today has the largest exclusive White Plymouth Rock farm in Nebraska. He gives his whole time and attention to this one breed and knows how to mate them for beauty and egg production, is always glad to give any information concerning his White Plymouth Rocks and his absolute guarantee on everything he ships makes customers safe in sending him their orders for eggs or stock. If he has not got what you order, he will tell you so frankly, and always has the good will of a customer in so doing. Write for his catalog, which is full of information.

J. S. Haupt, Easton, Pa., reports the following winnings on his Orpingtons at the late Pennsylvania State Fair: 1st S. C. Black cock; 1st S. C. Black hen; 1st S. C. White cockerel; 1st S. C. White hen; 1st R. C. Buff Orpington cock; 1st R. C. Buff hen; 1st S. C. Buff cock; 1st S. C. Buff hen. A total of eight first prizes, which shows the quality of his stock. He has 3,000 stock birds for sale of the highest type and quality.

Shady Lawn Poultry Farm, B. F. Kahler, proprietor, Hughesville, Pa., reports a very fine lot of young ready for the early shows, especially in White Holland turkeys, Toulouse geese, Pekin ducks and Muscovy ducks. Also in Buff Rocks and Buff Wyandottes. They are offering some attractive prices this month. Send for free catalog.

S. F. Brown, Seabury, Ont., starts a yearly ad with us this month. He is a breeder of White Plymouth Rocks, and at the late Toronto Exposition he made eight entries and won five prizes, including 1st and 2d cockerel, 3d cock, 2d and 4th pullet.

heavy coat of paint over them to keep them from getting wet. Some farmers used to think that roofings were made to get wet and they neglected the paint, and in a little while needed a new roof. The rest of us spent our money and labor painting our roofings with great regu-

mineral matter, and of course this mineral matter does not need any protection from the weather. Accordingly, a mineral surfaced roofing never requires any paint whatever.

This invention is a clear benefit to the owner and it does not cost him any more,

Kaufmann & Windheim's Rose Comb R. I. Reds

Hold the world's show record by winning more firsts in the last three years than all our competitors combined. Winners for years at Madison Square Garden, Boston and Chicago. 1500 youngsters for sale, from \$2 each up. Show birds furnished for the fall shows. Write for handsome free catalogue.

Kaufmann & Windheim : : Nutley, New Jersey



1st Cockerel, Madison Square Garden

WILLARD'S BUFF ORPINGTONS

Big winners at Madison Square Garden, Boston, Chicago, Michigan State Fair, Detroit, etc., etc. Heavy Layers.

1000 YOUNG BUFFS FOR EARLY SHOWS

45 tested breeders, 8 yearling cocks, prize winners. Bred from our 73 prize breeders. They have large size, good type, sound level exhibition color and backles, clean wings and red eyes. Home raised birds \$2 to \$50 each. Trios \$5 up. Pens \$9 up. Imported birds of mammoth size \$35 to \$150 each. Winners furnished for any show. Approval shipments. Write me today.

JOHN O. WILLARD,

Vice-President of the National S. C. Buff Orpington Club for Michigan

LINDEN, MICH.

OHIO STATE FAIR 1910.

What should have been one of the best fairs ever held at Columbus was marred by the street railroad strike and the bad weather. The Ohio Valley Exposition at Cincinnati also undoubtedly drew largely upon the attendance. Old exhibitors say the poultry show was not up to its usual high standard, but at that there was a good show, about seventy-five breeders sending in their feathered specials for premiums. In all about 800 birds were on exhibition.

The superintendent of the poultry department, Mr. Light, treated us with every courtesy and allowed the booth to be set up just outside the north entrance, where the subscription department had plenty of room to work. The new American Poultry Journal booth, built by its subscription agent, Mr. Jenkins, rather startled the other papers, but not being able to connect it up with electricity its full value and beauty was lost.

The Covert Barred Rock Farm, of Willoughby, O., showed some of the handsomest Barred Plymouth Rocks that have been shown at Columbus for years. They won 1st and 3d cock, 2d cockerel and 1st pen.

Dr. S. R. Harrison, of Shelby, O., exhibited some of the very whitest of White Plymouth Rocks. He won 1st cock, 1st cockerel, 1st hen and 2d and 3d pullet.

Mr. Paul B. Kirkton, of New London, O., a new one among the advertising breeders, sent in some fine big Black Orpingtons, and won 2d cock and cockerel and 1st and 2d hen. This is a good beginning.

The Co-operative Hatching & Breeding Company, of Tiro, O., showed a number of beautiful White Orpingtons, and Columbian and White Wyandottes, which took the following premiums: 1st, 2d and 3d cockerel, 2d hen, and 1st, 2d and 3d pullet in the White Orpingtons; 2d and 3d pullet and 3d pen in the Columbian Wyandottes, and 2d and 3d pullet in the White Wyandottes.

The Hartman Stock Farms made entries in fifteen different classes, all of which were of the best. Their winnings were as follows: 2d hen and 3d cockerel and pen in Barred Plymouth Rocks; 1st pen in Buff Plymouth Rocks; 1st cockerel and 1st and 2d pullet in Part-ridge Plymouth Rocks; 3d cockerel in Columbian Wyandottes; 1st cock, cockerel, pen and pullet, 2d hen and pen in White Wyandottes; 1st cock, cockerel, pen and pullet and 2d cockerel and pen in Buff Wyandottes; 2d cockerel, pullet and pen, and 2d hen and pen in Part-ridge Wyandottes; 2d hen and 3d cock in R. C. Rhode Island Reds; 3d cockerel and pullet in S. C. Rhode Island Reds; 1st cockerel and pullet, and 2d pullet in White Langshans; 1st hen and pen, 2d cock, 3d cockerel in Anconas; 2d pen, 3d hen and 3d pen in S. C. White Leghorns; 2d cock, cockerel, pen and pullet in Blue Andalusians; 1st pen, 2d cockerel and pullet, and 3d cockerel in Houdans; 1st cockerel and pullet, 2d

pullet and 3d cockerel in Cornish Indian Games.

Mr. Charles McClave was the largest exhibitor. He made entries in forty-three classes, all of which were among the winners. Mr. McClave is running on

The Tannenbaum Farms, of Willoughby, O., sent down some very handsome Columbian Wyandottes and Barred Rocks, on which the following premiums were granted: 1st and 2d pens, 1st and 2d pullets, 1st cockerel, 2d hen, 2d cock.



"RUSSELL CAVE" POULTRY YARDS

LOUIS LEE HAGGIN PROP.

WHITE ORPINGTONS
LEXINGTON, KY.

the Republican ticket for treasurer of his county in the coming November election. He needs no recommendation from this journal to any of its readers and we certainly will "root" for him in his campaign.

Judges Marshall and Lane were on hand early Monday morning and began their work. The arrangements for this work, while an improvement on those of former years, were hardly of the best, but, like all other things in Ohio,

BUFF ORPINGTONS

I won more firsts at the Great Chicago Show 1909, than any Buff Exhibitor. More prizes were mine at Indianapolis 1909, than all competitors combined. I furnish many of the winners at the larger shows, a very popular Strain. If you are ambitious to win, or improve your flock, better get your hands on a few. I condition free and guarantee to please. If I fail, birds are returnable.

A. E. MARTZ, Buff Orpington Specialist

- - - ARCADIA, IND.

BLUE RIBBON BLACK ORPINGTONS

THE OPENING SHOW FOR 1910-1911

The first great show of the present season was held at Indianapolis, September 12 to 16, and among the thousands of birds there, the Black Orpingtons were very prominent, and every ribbon closely contested by prominent breeders. Never before was such quality shown as in this popular variety, and at this show, The Great Indiana State Fair, the recognized greatest Fall show in America, we won 1, 2, 3 Cock, 1, 2, 3, Cockerel; 1, 2 Hen; 1, 2 Pullet; 1, 2, 3 Pen. A clean sweep in hot competition. We have the largest specialty Black Orpington Farm in the World today and have by far the largest assortment of birds to select from. The finished cockerels and pullets shown in September were pronounced by prominent judges and breeders to be the equal of winter show birds and we have better ones coming on all the time. Get your show birds and breeders ordered early and we will deliver them in the pink of condition. The supply in all breeds is limited this year. Send for our new catalog, just out, the most complete Black Orpington catalog ever issued.

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PRIZE Reliable Incubators have won 648 prizes for performance and general quality in the last 18 years. We build the complete incubators in our own factory. Get the benefit of our 28 years' experience. Interesting incubator catalogue sent free. Write today. **WINNER** RELIABLE INCUBATOR & BROODER CO. : : Box C1, QUINCY, ILL.

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Specimen Prices: Doors 80c; windows 69c; hot bed or brooder sash \$1.69; 108 square feet guaranteed flint coated roofing \$1.25; 100 square feet tar felt 30c; 100 lineal feet quarter round 25c; 100 feet hardwood flooring 80c; base blocks 4c; corner blocks 2c; porch brackets 5½c. We guarantee quality and safe delivery. Write for catalog today.

GORDON, VAN TINE CO., 2011 Case Street, Davenport, Iowa

Poertner's "Wingold Strain" of Buff Orpingtons, Buff Wyandottes and Buff Rocks

Big husky cockerels and pullets that will win for you at the Winter shows now ready. All bred from Blue Ribbon winners at New York and Chicago. Square deal and reasonable prices.

F. A. Poertner, Route 6, Berea, Ohio

Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants. : : :

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THE ORIGINAL BARRED**Cuckoo Wyandottes**

Choice young stock for sale at prices to suit. Eggs in season. Write your wants. Satisfaction guaranteed. : : :

E. L. Gelsel, Prop., Originator, Morganville, New Jersey

SILVER**WYANDOTTES**

Fine young birds from our Chicago, Detroit, Grand Rapids, Allegan and Jackson winners. They score to 94½. A few choice breeding birds for sale.

Clare E. Hoffman, Allegan, Michigan

R. C. REDS

Young stock now ready. Bred direct from "Gold Medal winners" and has rich RED color, and good type. No better anywhere. We can please you. Write for prices. : : :

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Adjustable Double Leek
12-15c 25-25c
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Prices Postpaid.

Adjustable Sea'
12-20c 25-35c
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Samples for 2c stamp

ADDRESS CHAS. O. DEIST, OTTAWA, ILL.

they are improving, and all the faults of this show will have been overcome in the next one. The work of the judges was up to their usual high class.

INDIANA STATE FAIR.

The Indiana State Fair, held at Indianapolis, Ind., Sept. 12 to 16, inclusive, was a record breaker in many respects. The weather, after the first day was ideal, being just cool enough to be pleasant, and make everybody feel like having a good time. The various exhibits, particularly the live stock and vehicles, were exceptionally large and fine.

The poultry exhibit was larger than usual, about 1,500 birds being on exhibition. This particular department was somewhat cramped, owing to the small quarters built for it. However, the authorities have promised "to do better next time," and from reports made at the close of the fair Friday night, the poultry house will be enlarged to nearly twice its present capacity. This will accommodate more birds and not have the show room so crowded during the rush days.

C. L. Buschmann, of Indianapolis, showed a splendid lot of Rhode Island Reds, which were admired by all. The exhibit was in charge of Mrs. Buschmann (who is particularly enthusiastic in the matter of fancy stock) and Judge W. C. Pierce. The exhibit took 1, 2 and 3 cock, hen, cockerel and pullet, 1 and 2 pen.

S. A. Nofztger, No. Manchester, Ind., who is the originator of the Partridge Plymouth Rocks, was there with a beautiful line of his favorites, on which he won 1, 2 and 3 cock, 2 and 3 hen, 2 and 3 cockerel, 1 and 2 pullet and 1 pen.

Henry Dippel Co., Indianapolis, Ind., won 1, 2 and 3 cock and hen and 1 and 2 pullet and pen in the White Wyandotte class. Mr. Dippel's display was particularly fine and pleased everybody.

Jno. Wildig, Irvington, Ind., was there in the White Wyandotte and S. C. White Leghorn classes. His exhibit was good, particularly in the latter class. Mr. Wildig is a beginner in the matter of advertising with our readers, but is an old breeder and well known around Indianapolis. He won 3 White Wyandotte pullet and 1 and 2 S. C. White Leghorn cock and cockerel, 3 hen, 2 pullet and 1 pen.

Sheffield Farms, Glendale, Ohio, showed in the Partridge Rock class. Their exhibit was particularly fine and won comment from all interested in poultry. They won 1, 2 and 3 cock, 1 and 3 hen and 1 and 2 cockerel, pullet and pen.

B. M. Stephenson, Salem, Ind., showed Columbia Wyandottes. Mr. Stephenson is a young man who is particularly expert in the judging of poultry. He is new to our readers, but has good stock and is bound to succeed. He won 1 cock, 3 hen and 2 and 3 cockerel in the face of the stiffest kind of competition.

Dr. G. W. Taylor, of Orleans, Ind., won in the Houdan class. His exhibit was good and while he was present he was kept busy answering questions of prospective buyers and admirers of his birds. He won 1 and 3 cock, 1 and 2 hen, 1 and 2 cockerel, 3 pullet and 1 and 3 pen.

Blue Ribbon Farm, of Columbus, Ind., exhibited some fine single comb Black Orpingtons. These black beauties won comment from all fanciers and non-fanciers alike. Among the prize winners they show 1, 2 and 3 cock, 1 and 2 hen, 1, 2 and 3 cockerel, 1 and 2 pullet, 1, 2 and 3 pen.

Edward Chambers, of Aurora, Ind., showed in the Buff Orpington class and won 3 cock.

E. E. Wilson, of Indianapolis, won 1, 2 and 3 Black Minorca hen, 1 and 2 cockerel, 1, 2 and 3 pullet and 1 and 2 pen. His exhibit was good and he was on the grounds nearly all the time, ably assisted by Mrs. Wilson, who is as enthusiastic as is Mr. Wilson himself.

Jackson's Royal Roup and Cold Cure is sold under a guarantee of "no cure no pay." All that we ask is that any one bothered with roup in any form is to notify them and order a package of Royal Roup Cure at the small price of 25c and if it does not cure, they will refund the money. Mr. Jackson has hundreds of the very best testimonials from people who have used his remedy and all he asks is a trial, and as the cost is very small you cannot afford to be without a package of this remedy on hand at all times.

George B. Ferris, Grand Rapids, Mich., the well-known Single Comb White Leghorn breeder, won the following prizes at the late West Michigan State Fair: 1st and 2d cockerel, 1st and 2d cock and 1st pen. He is now prepared to furnish prize winners for the winter shows.

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One gallon of oil—one filling of lamp, is enough for a hatch. Lamp in middle; door on top. Best ventilation and most uniform heat. X-Ray incubators save oil, time, work, money. We control heat—others waste it. Different and better than any other. Write for free book.

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BIG MONEY IN POULTRY.

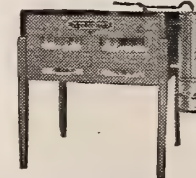
Our big Poultry Book with many new illustrations tells how to make it; also how to feed, breed, grow and market Poultry for best results. Plans for houses and a great mass of useful information. Tells how to start small and grow big. Illustrates and describes the largest pure bred Poultry Farm in the world; tells about our many varieties; quotes lowest prices on Fowls, Eggs, Incubators and Brooders. Mailed for 4c postage. FRANK FOY, BOX 8, DES MOINES, IOWA

**200-EGG INCUBATOR \$12.80**

This perfect 200-egg Wood-En Hen at \$12.80 is a startling trade innovation. It will do the work of the most costly hatcher, and always keeps in order. Hatches every fertile egg. Catalogue with fourteen colored views sent free. GEO. H. STAHL, Quincy, Ill.

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My QUEEN incubator is a gold profit maker when used in summer or winter. Try it on my liberal plan. SUMMER PRICES NOW. I pay freight, give three months' trial and any year guarantee. Send for Free Catalogue and Poultry Guide.

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Box 4, Lincoln, Neb.**Banta**

The incubator that hatches strong chicks—Gives hatching service longer than any. Guaranty—Get our Free Books—a valuable fund of Poultry Information.

THE BANTA-BENDER CO.,
DEPT. C, LIGONIER, IND.**100 EGG**

Incubator with triple walls, copper tank, regulator, nursery, chick drawer, clear top, 26x21x31 high. Why not pay \$2 or \$3 more and get this good one? Price \$10; freight paid east of Rockies.

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Land and Industrial Agent, Southern Railway
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THE OLD SCRUB HEN.

I have listened to the sighing of the
Can't-see-it poultry man,
Who still persists to fuss and muddle
With the pesky barnyard hen.
And I see the wise ones smiling,
Heeding not the jealous words,
As they haul the eggs to market
From their flock of Standard birds.
Hark! the voice of Poultry Journal,
Thundering forth its ponderous might;
All the poultry secrets hidden
She is dragging into light.
And the gathered scrub of ages
She is hurling from our pens—
She is calling to the nations to mate
Better, better hens.

Every day we hear new secrets,
Which fill our hearts with fondest
hope
That it may give us all the chances
To breed a bird of larger scope.
In numbers great we hatch the chickens,
And from without this busy hive
We hope some day to pick the WINNER
Of yearly output (365) three—six—five.
Idlewood, N. J. (Mrs.) J. Bridges.

PENNING THE FLOCK.

It is doubtful if among the many trying situations which confront the poultryman there is one that is fraught with more anxiety and annoyance both to the poultryman and his birds than the penning of his flock after the summer free range. How often have we noticed that the birds coming off the range in an almost perfect condition, after a week in the pen begin to droop and show unmistakable signs of the absence of the field? How discouraging it is to the poultryman after he has selected several of his birds as "sure winners" for the coming shows to see them after a month of confinement dwindle down to a condition that unfits them for anything but yard stock.

A careful study of the situation and exhaustive tests have proven beyond a question of doubt that exercise is as indispensable to poultry as it is to mankind.

Take for example the trained athlete. During his training season he is in the pink of condition and can withstand efforts and exertion which are puzzling to the beholder. Let that same athlete cease his training and his exercise and he immediately drifts back to a condition that strips him of his power.

Our feathery friend is affected in exactly the same manner. On the open range where he is free to exercise every sinew and muscle of his body he is in a perfect condition, and we stand looking on him with eyes of admiration. Cage up the bird that is the pride of your yard, deprive him of exercise excepting that which he can gain in a small pen, and the result is exactly as described with our athletic friend.

If we expect to keep our birds in condition, if we expect them to yield their full production of eggs and maintain the point of excellence which they have reached by their summer outing, we must furnish the means whereby these conditions may be continued.

There has been on the market for over a year a machine which fully supplies these conditions. The machine has been tried out on some of the largest poultry plants in the country and by many of the most noted poultrymen that we have, and the success of the machine is evinced by the thousands that are in use all over this country.

Following our desire to contribute at all times to the betterment of poultry culture, we feel it our duty to state frankly that the machine in question is the Norwich Automatic Exerciser and Feeder, and we can recommend its use in the highest terms to our readers, not alone because it supplies the necessary exercise in the poultry yard, which is but one feature of this machine, but its added merits, such as an immense saving in grain, the almost complete elimination of labor in feeding, its effect on egg production, and numerous other benefits to poultry culture, makes the machine indispensable to the poultry culturist, and it is but a question of time when all engaged in the industry will recognize the merits of this truly wonderful machine and adopt this system of feeding.

Much has been written on the subject of hopper feeding and its benefits are pretty generally accorded to by the poultry trade. As a feeder the machine is perfection, and will be found on nearly all the large and successful plants in the country today.

Eggs and Stock Half Price

Have decided to dispose of some of my this year's breeders at one-half regular price. This is a grand opportunity for you to get started right with the celebrated Wolverine Strain White Plymouth Rocks. Choice young stock ready to ship. My handsome illustrated mating list for four cents to cover cost of mailing. Mention American Poultry Journal.

Lyman H. Hill, Station 1, Jackson, Mich.

This Handsome Ladies' \$4.95
Tailor Made Suit only

It is easily worth \$10.00. Made of extra quality Thibet cloth and cut the latest mode. You could not buy the material alone at this price. Has the fashionable roll shawl collar; mannish cut coat; full 9-gored skirt; pleated to knee. Is a durable, practical and stylish suit, bound to please you. Colors, black and navy blue. Regular sizes, 32 to 44 inches bust measure. Guaranteed to fit you and give perfect satisfaction. A real bargain. When ordering state size and color.

Lot No. 27A20001, Ladies' Tailored Suit, price \$4.95

\$2.65 Buys This Panama Skirt

An all-wool skirt, made the very latest "Tunic" effect, at an astonishingly low price. We bought the manufacturers entire stock of these skirts. They were made up to sell at \$7.50. It is a beautiful skirt, good both summer and winter. Has a panel front which gives the straight effect so popular. The pleats at the sides are gracefully arranged. The trimming of soutache braid and buttons give a dressy effect. This is a skirt that will always look stylish and give you splendid service. Comes in either black or blue. Regular sizes 22 to 30 inches waist measure and 37 to 44 inches front length. Order by



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Either one of the above ten chapters are worth the price of the entire book. You can not begin to realize the information given and the hundreds of dollars it will save you. No matter what branch of the poultry business you follow, you simply can not get along successfully without it. We are going to sell this book in connection with POULTRY POST one of the best poultry journals published. It carries ten distinct departments covering fully all subjects pertaining to poultry, whether for the fancier or the market poultryman. It is clean, bright, boiled down, intensely practical and each issue is chock-full of valuable and interesting news.

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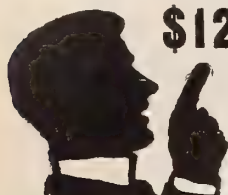
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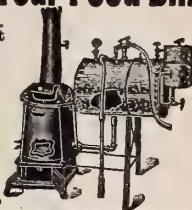
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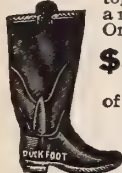
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A rare opportunity to secure high grade ladies' shoes at a give-away price. Made over the latest city last. Have decorated toe caps; dull mat top; Cuban heels. They are durable, flexible, comfortable and a real bargain. Sizes 2 1/4 to 8. Widths C, D, E and EE. Order by Lot No. 26MSAD36. Per doz. \$10.80. Per pair \$1.00



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Nature works her wonders carefully and well. The formulas are secrets of her own, but even if man could fathom them he would be helpless because of the lack of facilities at his command and at best he can only imitate.

The material is provided by Nature for almost every human requirement. In return for their use she exacts the labor and brains of human beings to take them from her and adapt them to their proper use.

Coal for fuel, stone for houses, rocks for their foundations, and for a covering to the house Nature has wisely provided the wonderful lake of asphalt from which Genasco Ready Roofing is made.

For centuries Nature's wonderful alchemy has been forming this natural asphalt and mutely waiting for the time when man should have need for it and recognize its value.

The Barber Asphalt Paving Co., Philadelphia, were the first among the people of modern times to recognize the immense value of Trinidad Lake asphalt and adapt it to commercial uses.

Genasco Ready Roofing is the product of their experience and skillful use of this natural asphalt and is the best possible roofing for all purposes. It defies storms, heat, cold, and every other weather condition. It is also a perfect waterproof—doesn't leak and will not warp and rot or corrode and crumble, and it will last for years.

Genasco is adapted to every building on the farm, from your residence to the chicken house.

It is easy to apply and saves the expense of experienced roofers, and can be laid by any handy man about the farm.

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The yards of Quality White Plymouth Rocks are situated at Ft. Atkinson, Wis., on the banks of Rock River, on the shore of which are many shrubs and trees, which makes it an ideal place on which to raise White Plymouth Rocks. Both old and young stock have access to an abundance of green grass, fresh water and plenty of shade during the hot weather, and it is here that the prize winners are produced. Mr. W. R. Abbott, proprietor of these yards, has been raising White Plymouth Rocks for many years, and now has a strain that for utility and quality is hard to beat. This is shown by their egg and show record. In 1910 he entered four birds at the great Milwaukee show and won four prizes, including first pullet, third cock, fourth cockerel and seventh hen. He has also won many other prizes at smaller shows, including all firsts at Fort Atkinson, Wis., his home town. His last season's matings turned out exceptionally fine and he now reports about 100 selected cockerels and pullets from the above prize winners with which to supply the fall trade. In this issue we present a picture of his first prize Milwaukee pullet, which will give our readers an idea of the quality of his stock. Write him for prices and further particulars.

John O. Willard, Linden, Mich., the well-known Buff Orpington breeder, reports that this season he has one of the largest and best flocks in the United States, and is prepared to fill orders promptly and guarantees satisfaction. Mr. Willard is vice-president of the National Single Comb Buff Orpington club, and has a reputation of producing Buff Orpingtons that win in the strongest competition.

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And How to Prevent Them

BY J. C. NUCKOLS

Thousands of young chicks die because

poultry-raisers lack the valuable information given in Mr. Nuckols' book on Poultry Diseases and their Prevention. As manufacturers of the celebrated

ESSO Re-Carbonized (Twice-Burnt) CHICKEN CHARCOAL

we have a personal interest in saving these young birds and will be glad to send a copy of this book postpaid on request to every poultry-fancier. There is no "string" attached to this offer—the book is as free as air to you.

You can also have a small sample package of ESSO Re-Carbonized CHARCOAL free for the asking. Or if you prefer a larger package, inclose seven cents in stamps to pay cost of mailing.

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BABY CHICKS. Buy Day-Old chicks. Cooley Chicks. I can supply you with strong, sturdy, healthy, growing White Leghorn and Barred Rock day-old chicks from prize winning stock. Fastest growers. Avoid the risk—let me hatch your chicks. Safe arrival assured. Exhibited Madison Square Garden, N. Y., 1908-09-10. Send for Book-

let A. Elden E. Cooley, Frenchtown, N. J.

White Ply. Rocks

A few of my choice breeders for sale now at prices that will move them quick.

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Bennett's Red Pyle Exhibition Games

won at Madison Square, Pittsburg and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

Henry Bennett :: Brown, West Virginia

Rhode Island Reds..

I have April hatched pullets and cockerels for sale. Good laying strain. Write for prices.

R. Henson, Route 2, Oberlin, Ohio

DIDRIKSEN'S CHAMPIONS

Black Minorcas, S. and R. C. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale.

A. Didriksen :: Whitewater, Wisconsin

F.R.E.E

Poultry Catalogue

East Donegal Poultry Yards, Marietta, Penna.

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio

BUFF ORPINGTONS

Eggs and stock sired by a son of a Madison Square Garden winner. Prize winning W. H. Turkeys.

H. B. Cass, R. R. 5, Taylorville, Illinois



A GOOD TRAP NEST
made in a few minutes; very simple and reliable. Complete printed instructions for making your own trap nest, only 10 cents.

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My entire stock of White Wyandottes, both old and young, for sale during July and August at bargain prices. Will carry only S. C. White Leghorns in the future. My great book, "Profits in Poultry Keeping Solved," will set you right. Circular free.

Edgar Briggs :: Pleasant Valley, New York

R. C. Black Minorcas

Black Cochins Bantams

By October 1st will have on hand 250 youngsters fit for the strongest competition, bred from my noted prize-winners. Book your orders now. Have still a few copies of my illustrated catalog on hand.

Dr. J. N. MacRae, Galt, Ont., Canada

S. C. W. LEGHORNS

WIN AGAIN. We have been breeding winners for years and our record at the Montgomery Co. Fair is only a repetition of our success. We were pitted against some of the best breeders in the country, but we carried off 1st ckl.; 1st, 2d pullet; 1st, 2d pen; 3 specials. If you want winners and layers we have them.

Turley & Scobee, Box M, Mt. Sterling, Ky.

R. C. R. I. REDS

Eggs from prize winning farm raised birds, \$2 and \$5 per 15. Choice breeding stock. Females \$2 each. Males, \$5 to \$10 each. Scotch collies from best imported stock. Grown dogs and puppies.

W. A. Winter, Box 125, Red Bank, New Jersey

\$204,000,000 GOES UP IN SMOKE.

Over a million times during the past ten years we have witnessed the thrilling sight of burning buildings. In the year 1889 this cost the nation \$123,046,833; ten years later the loss amounted to \$153,597,830, while last year \$204,000,000 worth of property was destroyed by fire. This constantly increasing annual fire loss in the United States has induced engineers interested in fire protection to seek with renewed zeal for all practical methods of lessening the danger of ignition and spread of flames. As a result of this, tile, vitrified facings, terra cotta, concrete construction and numerous other fire-resisting materials have been developed for use in all parts of buildings except the roof, while but few important improvements have been made in roofing materials, notwithstanding the fact that authorities claim that from 27 per cent to 50 per cent of the conflagrations are the result of flames being communicated to adjoining buildings by burning sparks and embers falling on an inflammable roof.

Factories, barns, etc., are probably more at the mercy of burning sparks and embers than any other types of buildings, because they are usually covered with so-called ready roofings, and nearly all roofings of this type are made of wool felt, rag stock, paper, coal tar and other highly inflammable materials. There is one roofing of this type known as J-M Asbestos Roofing, which is being largely used on factories and large buildings, which seems to overcome the objections to all others of this type. It is said to be so fireproof that it will withstand the flame of a blow torch for an hour without being injured. This roofing is made by the H. W. Johns-Manville Co., of New York, well known as manufacturers of asbestos products.

From the manufacturers we were able to get the following interesting information regarding the manufacture of this roofing, which is made of asbestos (a stone) and Trinidad Lake asphalt (a mineral).

The asbestos rock when it comes from the mines is, in appearance, much the same as other rock, as will be noted from illustration. When scientifically crushed, this rock produces long, tough fibers, which are woven into cloth for asbestos theater curtains, made into sheets of felt for roofing, and treated in various ways for making hundreds of different fireproofing materials.

In making this roofing, several sheets of this asbestos felt are thoroughly saturated with genuine Trinidad Lake Asphalt, well-known as the most permanent waterproofing material. These sheets are then cemented firmly together with this asphalt, making one homogeneous mass. This, then, constitutes an actual covering of stone, which, because of its all mineral nature, not only offers to a building protection against fire, water, wind and weather, but which also naturally cannot rot, rust, melt, run or crack, and requires no painting to preserve it.

A copy of the very handsomely illustrated catalog, which we received from the manufacturers, will, no doubt, gladly be sent to any of our readers inquiring for it.

Mr. Howard V. Kell, of the Old Orchard Poultry Yards, near Canton, O., has some very fine Buff Wyandottes and R. C. Rhode Island Reds this season. Mr. Kell has long since established himself in the successful breeding of these classes and, as a result, has something good to offer. His winnings in the R. I. Reds include the following: 2d and 3d pullets and 3d cockerel at Mansfield in 1910; 1st cockerel, 2d pullet at Massillon in 1909. In Buff Wyandottes, 1st and 2d pullets at Massillon in 1909. At Hartsville and Zanesville he won 1st, 2d, 3d and 4th on pullets and received highest scoring on pen at Zanesville. He owns the cock in this class that took first prize at Toledo, O.

Owing to the great increase of business in the vicinity of Atlanta, Ga., and Rochester, N. Y., the H. W. Johns-Manville Co. has recently opened a new office in each of these cities. The Atlanta office is located in the Empire building, in charge of W. F. Johns, who has been traveling this territory for the company for a number of years, and the Rochester office is located at 725 Chamber of Commerce, in charge of H. P. Domine, formerly with the Buffalo branch of the company.



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There are two kinds of cheap cream separators.

One is the **seemingly** cheap kind, cheap in first cost, cheap in design, cheap in construction, cheap in efficiency, cheap in durability, and cheap in everything but merit.

The other is the **really** cheap kind, cheapest in proportion to actual capacity, original in design, ideal in construction, perfect in efficiency, lasting for twenty years, and barely beginning where the other kind leaves off.

That's The

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which compared with other cream separators is simply in a class by itself.

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100 Pages - 93 Illustrations - 50 Complete Plans.

A book of the newest and best plans for large and small houses, coops, fixtures and utensils. All about Foundations, Frames, Roofs, Sides, Floors, Curran-Fronts, Scratching Sheds, Roosts, Nests, Ventilators, Exhibition and Shipping Coops, Drinking Fountains, Feed Troughs, etc. Tells how to build better and cheaper. Worth \$1. Sent with a year's subscription to Poultry Herald, edited by former successful manager world's greatest poultry farm. Each issue is full of what you want that month: Illustrated, Profit-Increasing Articles; Editorials; Turkey Dept; Ducks and Geese Dept; Questions Answered (free Dept); Litter and Dress, etc. Published 10 years. Monthly, 50 cents a year. Both 75c. Poultry Herald, Dept. C, St. Paul, Minn.

\$6⁹⁵ Buys This Heavy Reversible 9x12 Ft. SMYRNA RUG

The Biggest Bargain Ever Offered. Send Your Order Today

This rug is unequalled from every standpoint. It has a beautiful oriental design on either a red or green background. The rug can be used either side up. It is a combination of soft oriental colorings that will harmonize with almost any surroundings. No floor covering at this price will give you the long service and general satisfaction you will get from this extra quality Smyrna Rug. It is substantially made. The colors are lasting. We bought an enormous quantity, and thus the price is almost unbelievably low. It is exactly one-half the regular price. This is only one of many similar bargains we offer you. 30 in. x 60 in. rug, 78c; 36 in. x 72 in., \$1.50; 6 ft. x 9 ft. \$3.25; 7 ft. 6 in. x 10 ft. 6 in., \$4.75; 9 ft. x 12 ft. Reversible Rug, \$6.95. Send us your order today.

39c Per Sq. Yard For This New High-Grade Linoleum



This is a splendid grade of print Linoleum in an exact imitation of quarter sawed oak flooring. Can be used for covering entire floors or for rug borders. The quality of our Linoleum is absolutely the best. Beautiful colorings and of such heavy grade as will stand the hardest service. The colors are the natural oak, and are lasting. Regular value 65c. We buy direct from factories, therefore can make you the low price of 39c per square yard. Fifty other patterns. A complete line of the finest quality inlaid linoleums.

Handsome Rug and Linoleum Catalog No. MF 186 Free

This book shows pictures of our rugs and linoleums in exact reproduction of their colors. We carry the finest line of Rugs, Carpets and Floor Coverings ever manufactured. 100 pages of genuine bargains. It is a valuable book from every standpoint and makes buying by mail an easy matter. Write for it today.

Fine new furniture for the home, office, hotel and club house. We guarantee absolute satisfaction.

Chicago House Wrecking Co., 35th and Iron Sts., Chicago



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WASHINGTON, D. C.

It Surely Does Hatch Chicks

THAT'S what you want an incubator to do. You don't care so much how it does it, just so it hatches the most "livable" chicks. That's exactly what you can be sure of when you buy a



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A High Record Every Time

The Prairie State machines are made according to tried and true principles of incubation. No guesswork, no mere theory. They are constructed of the best materials and built with the one end in view of hatching "livable" chicks. Besides this, they are the most convenient and economical. Easy to handle, safe and certain of results. The most expert and prosperous breeders use and recommend *Prairie State Incubators and Brooders* because they have found them best. Read this letter from one of the leading poultrymen in the country:

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Maplewood Farm, Wilmington, Vt.

Send for our latest catalog. It is free Write for it today. A postal will do.

PRAIRIE STATE INCUBATOR COMPANY

468 Main Street

Homer City, Pa.

RUSSELL CAVE POULTRY YARDS AND ELMENDORF FARM.

Louis Lee Haggin, owner of Russell Cave Poultry Yards, is a thorough fancier and an expert breeder, having been raised and reared on the Elmendorf Farm, which consists of 7,264 acres and nothing is raised on this farm but thoroughbred stock. Thoroughbred horses have been bred here for forty odd years, and more famous horses have seen the light of day here than any other farm in the world, including the world-renowned "Salvator," still holder of the world's record, 1:35½, whose winnings amounted to \$135,000; also the mare Frenze, known for years as "Queen of the Turf." In standard breed horses, Nancy Hanks was born and trained here. Since the Hart-Augment bill the farm has disposed of over two-thirds of its thoroughbred horses and has gone more extensively into the production of cattle, sheep, swine, and general farming.

Elmendorf Farm Short Horns are noted throughout this country as probably the best herd in the United States. They are the only herd that has heading it two international grand champion bulls. The past year they have gone into the dairy business and have practically completed their dairy. This building has limestone foundations, brick walls and tile roofs. The building contains the stables, and are so constructed as to meet, as nearly as possible, all sanitary requirements, and has a housing capacity of 400 cows. The past twelve months they have imported from the Islands of Jersey 210 cows. Heading this herd is the famous "Sultan of Oxford Lad" (the bull heading Cooper's sale this year). After a careful study of the situation, they have decided to use Kerrys and Dexter Kerrys for baby milk, as they are free from tuberculous. The Dexter Kerrys are only about three feet high. One of the herd was third in the Royal Dairy. The sheep and hogs are of the same quality, as is everything else on Elmendorf Farm, one buck being sold for \$5,000 after winning the grand championship at the International last year. Besides this they raise imported Shetland and Welsh ponies. In the agriculture line they raise tobacco, hemp, corn and various other crops.

This farm has given permission to the State Experimental Station and they are working together in experimenting with crops suited to the climate. This farm is well known abroad and foreign governments send students here every year.

Mr. J. B. Haggin has built a palatial residence, which is surrounded by a park of about a thousand acres, it being a blue grass lawn.

Russell Cove Poultry Yards is a part of Elmendorf Farm and is the home of Louis Lee Haggin, and consists of 1,100 acres. He has taken as his branch the breeding of poultry, standard breed horses and Old English sheep dogs. Mr. Haggin calls his plant Russell Cave Poultry Yard because of a cave near the house called Russell Cave. It derived its name from the original owner, General Russell, who was given 2,000 acres by the government for fighting the Indians in 1792, at which time he built the house which is now Mr. Haggin's home.

There are many historical events connected with Russell Cave. The cave is like many similar smaller ones in Kentucky. The main chamber as you enter is about 200 feet long by 30 feet high in front, inclining towards the back, and 60 feet wide. There are small passages in which you can enter similar chambers. They claim after passing two or three chambers you come to one a little larger, in which there is a waterfall of eight feet. This stream flows out of the cave and is the source of the water supply for Russell Cave Poultry Yards, as well as Elmendorf Farm.

Having all his life been connected with the breeding of thoroughbred stock, Mr. Haggin is well posted in the science of breeding. He has incorporated into his White Orpingtons all of this knowledge and he has succeeded in producing a strong, vigorous, hardy strain of White Orpingtons which are less liable to disease and which breed truer to type and color than the ordinary breeder of less experience. Nothing but the best buildings are permitted here.

The breeding house is 20 by 140 feet, having twelve pens, 10 by 14, constructed to his own plans, which contain many new ideas of his own. It has a conditioning room and office 20 by 20, store room and feed room. The water system

has been thought out with as much care as has the construction of these houses. Chapman trap nests are used and a careful record of the laying of all birds is kept.

In the construction of this house every consideration for the saving of time in cleaning, watering and feeding has been considered. The windows and ventilation are a feature in themselves. Lack of space makes it impossible to go into further details.

Each pen is provided with a run 10 by 60 feet and these runs are in an old apple orchard that has been sown in blue grass for many years.

The brooder house is 60 by 16, heated with a large hot-water heater, being divided into ten pens, having a capacity of 500 chicks at a time, as Mr. Haggin will not crowd. He believes this is one of the reasons for the hardness of his birds. Each pen has an outside run 5 by 40 feet, which is raised one foot above the level of the ground to insure absolute dryness; his chicks have blue grass from the start.

One of the points which is conducive to the health, size and stamina of Mr. Haggin's birds is attributed to the abundance of blue grass which his birds always have here in the very heart of the blue grass country.

It is generally the custom of poultry representatives to elaborate on a few fine specimens, but at Russell Cave this is not necessary because the uniformity

of type is so true and well established that it is not necessary to speak of individuals; when we say winners at Crystal Palace and Madison Square Garden find their home here. We have said enough.

Still we must mention the Crystal Palace and Birmingham winners which were included in a recent importation made by Mr. Haggin. These are probably the best type of White Orpingtons we have ever seen, and to give you an idea of the size of these birds will say that after a long and tedious trip from England this male bird when taken out of the crate was up to standard weight. We predict this bird will be heard from in the show rooms the coming year.

His flock of hens are extremely large and they have the grand type of the blacks that is rarely seen in whites.

We saw many beautiful show specimens among the large flock of young birds, many of which are on range. Mr. Haggin has taken up a few specimens which he is preparing for the fall shows. Every one of these birds are of great promise.

Any one looking for show birds will receive prompt attention and a square deal, besides getting some of the finest specimens in the country.

This farm has gotten out a handsome catalogue, by Louis A. Stahmer. This catalogue, which is on the press, is one of the best catalogues gotten out this year by any poultryman.

Mr. Haggin has arranged to work in conjunction with the state college in experimenting and testing several breeding formulas and many other theories; which Mr. Haggin has promised to give to our readers through the columns of the American Poultry Journal. Visitors are always welcome at Russell Cave Poultry Yards and trains will be met when notified in advance. There are many, many things to interest the visitor, not least of which is the fine quality found in Mr. Haggins' White Orpingtons. You will find Mr. Haggins' ad in each issue of the American Poultry Journal.

C. W. Zimmer.

As recently as 1907 John S. Martin, Port Dover, Canada, made fanciers of his country proud of him by winning with his grand white Wyandotte cock Regal IV., the bronze vase presented by the Japanese Government for the best bird in the Boston Show. Since then the Regals have been adding to their laurels many premier honors at important shows and have been setting a fashion that has been very much admired by the many breeders who value the rounded model for the White Wyandottes. At the last Boston Show, Mr. Martin was awarded the special for best cockerel and four pullets. These birds are illustrated elsewhere in this issue. We are informed that his team of White Wyandottes at Boston this year won more points on cockerels and pullets than did the birds of any other exhibitor.

Make Your Hens Lay

When Eggs Are Worth Most

A FREE BOOK FOR YOU ON MAKING HENS LAY

HENS relish juicy bugs and worms because these supply the protein feed they require to make eggs. The craving for meat and bone food—protein feed—is simply nature working out the egg-laying proclivity. Hens **must** have food rich in protein or egg-making elements, or it will be impossible for them to lay.

Our little book tells you all about the how and why of this. It makes you master of egg-getting. It's a book that opens up to you the real possibilities with poultry.

It's simply a matter of knowing what food to supply and how to prepare it. It is now established beyond all doubt that raw, green bone, with adhering meat and gristle, cut fine, is the ideal egg-producing food. Its cost is a mere trifle and its preparation is easy with a

Mann's Latest Model Bone Cutter

Sold On 10 Days' Free Trial—No Money Down

It turns easily and rapidly, cutting green bone, with adhering meat and gristle, wasting nothing.

Its self-governing feed automatically adapts the cutting to your strength, so that anyone can use it.

Its open, hinged cylinder is easily cleaned, and it takes in large bones. It is strong, durable, and requires few repairs. We want you to try one.

We will send you a Mann's Latest Model Bone Cutter on 10 Days' Free Trial—no money down. If satisfied after the trial, buy it. If not, return it at our expense.

You want our good books, at any rate, send for them. We'll forward by return mail.

F. W. Mann Co., Box 56, Milford, Mass.



S. C. BLACK ORPINGTONS AND COLUMBIAN WYANDOTTES

Layers and winners at Pittsburg and other leading shows. Stock for sale now and eggs in season. Write for prices. 1900 Island Poultry Yards, Ernest W. Slate, South Hammond, New York.

SAMPLE OF CUT ALFALFA FREE

Send name on postal for money-saving facts and low prices on the best Clover Cutter ever made—the "New Model." It will pay you big to write us now. Silver Mfg. Co., 283 Broadway, Salem, Ohio.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct: freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now. **FREE**

M. M. JOHNSON, CLAY CENTER, NEB.

S. C. WHITE LEGHORNS

D. W. Young's Strain—I have 50 grand cockerels of the famous Young strain for sale at very reasonable prices.

J. E. GRAHAM : KEY, OHIO

R. C. WHITE LEGHORNS

World's best strain. Winnings at Buffalo International Show, 1910, and Detroit, Jan., 1910. Stock for sale. Eggs in season.

John O. Lacey, 55 Beacon St., Detroit, Mich.

DAVIS 1910 FIRELESS BROODER. The BROODER that beats the hen, NOT a hot box or a sweat box. A BROODER with a DARK HOVER to sleep in. A Brooder with a LIGHT PLACE to exercise and eat in. The ONLY fireless Brooder built right side up—the ONLY one in which you can REGULATE THE HEAT—the only one in which the chicks DON'T SWEAT and in which you CANNOT OVERHEAT the chicks. Send for literature. The L. M. D. Co., Howard L. Davis, President, New Egypt, in the center of New Jersey.

SMALLEY'S**WHITE WYANDOTTES**

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States. W. P. SMALLEY, SHAWNEE, OKLA. Sec'y Oklahoma Branch American Poultry Ass'n

TRADE MARK

KEMIFORM

THE BEST CURE

For Roup, Cholera, Bowel Trouble, Chicken Pox, and Other Ailments

Don't delay until your flock is infected. Prevent dangerous diseases by placing Kemiform in all fowls' drink now and then. It is the best investment you can make if you expect to succeed with poultry. Mrs. D. A. Markely of Napoleon, Ohio, writes:—"I am using Kemiform with great results; it keeps my fowls healthy, and as a cure it is wonderful." One large box of tablets makes 30 gallons of agreeable Kemiform liquid. Sold under Money Back Guarantee. Price 50 cents postpaid, and 25 (numbered) Leg Bands FREE if you send names of two other poultry raisers. Trial package free. Agents wanted. Address

The Kemiform Co.
2451 St. Clair St., Cleveland, O.

\$18,000 NET PROFIT IN ONE YEAR.

This is approximately what one man did from August 1, 1909, to July 31, 1910, with one of the standard varieties of fowl.

A few years ago the variety referred to above was almost unknown in this country and but very little attention was given to them, either by breeders or the poultry press. Then came a man into the fancy who did things. He selected the variety which, after careful consideration, he thought best adapted to the needs of the people of this country, and set to work to build up a strain that he could stand behind and recommend, a strain that would meet all the requirements for egg production, market fowl and exhibition purposes. He figured that if this could be accomplished he would have an ideal fowl from every viewpoint, and a fowl for which the demand would be unlimited.

By careful selection and correct mating he accomplished his aim and produced specimens of this variety that were wonderful layers, of large size, and fulfilled the standard requirements as exhibition specimens—the three requirements that are so much sought after in all varieties of thoroughbred poultry.

His next step was to introduce his strain to the poultry world, which he did in a very modest and unassuming way the first year, and of course the results were only fair; but the demand was sufficient to consume all his surplus stock.

The second year the merits of his strain became more widely known and the demand was away beyond the sup-

**BUFF WYANDOTTE COCK.**

Sire of first and second Youngstown cockerels, 1910. Solid buff. Score 94½ by McClave. Owned by Fred A. Poertner, Berea, Ohio.

ply. He then became a very heavy advertiser, using large space in all the prominent papers, which resulted in him having to return many hundreds of dollars' worth of orders the third year.

By this time there were hundreds of fanciers all over the country who were breeding and advertising this strain of fowls, and still the demand could not be supplied. Many of the old time breeders took up this variety and imported stock from England, both for exhibition and breeding, and are now reaping the harvest, the seed of which was planted by this man.

The past year the demand on him for stock and eggs was so large that he could fill only 50 per cent of his orders. The balance he was compelled to return, and early in the season announced in his advertising that he had nothing more to sell.

Think of it! Is there any other business where the men engaged in that business get so many orders that they have to pay for space in which to tell the people that they cannot fill any more orders? We don't think there is. And then some people ask: "Is there any money to be made in the poultry business?" The results of this man's efforts should answer this question for all time.

His method of advertising has resulted in his strain and variety being the most talked of in the country today and has caused the fancy poultry business to advance more in the past two years than

GREIDER'S FINE CATALOGUE

of pure-bred poultry for 1910, 20c; pages, handsomely illustrated, 150 engravings, photos, 30 fine colored plates, describes 65 varieties of land and water fowls, gives low prices of stock, eggs, incubators, poultry supplies, etc. How to care for poultry and all details. Price 10c, send to-day. **B. H. GREIDER, Box 101, Rheems, Pa.**

**15 Cents a Rod**

For a 22-inch Hog Fence; 16c for 26-inch; 19c for 31-inch; 22 1-2c for 34-inch; 27c for a 47-inch Farm Fence. 50-inch Poultry Fence 37c. Lowest prices ever made. Sold on 30 days trial. Catalog free. Write for it today.

KITSELMAN BROS.,
Box 295, MUNCIE, IND.

PEARL GRIT

INCREASES EGG MONEY

Pearl Grit keeps poultry healthy. Healthy fowls are best egg producers. Grit is a natural necessity. Always worth more than it costs. We prove it. Write to-day for our FREE "True Grit" booklet.

THE OHIO MARBLE CO.
709 S. Cleveland St. Piqua, Ohio.



The Atlantic Squab Co., Da Costa, N. J.
The Largest Squab Plant in the World
Covered with J-M Asbestos Roofing

Fire Proof — Acid Proof

Weather Proof

A roof that will last as long as the building must be proof against fire, rot, rust, acid and chemical fumes, heat and cold. The only ready roofing about which this can be said is J-M Asbestos Roofing, because it is the only one made of indestructible minerals—Asbestos Rock Fibre and Trinidad Lake Asphalt.

J-M Asbestos Roofing is the result of fifty years' scientific and practical experience and is recognized by experts to be as near perfect as natural resources and human skill can make it.

J-M ASBESTOS ROOFING

begins to save money as soon as laid. It never requires painting, graveling or repairs and its white surface is not only attractive, but reflects the heat of the sun and makes buildings cooler in summer.

J-M Asbestos Roofing covers hundreds of the largest and finest buildings in all parts of the country. It is the ideal roofing for any building anywhere.

Be sure you get the genuine J-M Asbestos Roofing. We'll tell you where to obtain it if your dealer won't supply you.

Write our nearest branch for Samples and Booklet C 26

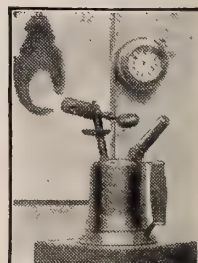
H. W. JOHNS-MANVILLE CO.**ASBESTOS**

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Roofings, Packings,
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Detroit Pittsburgh
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The Canadian H.
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1272 Vancouver, B. C.



In this test the flame of a powerful blow-torch was placed within two inches of J-M Asbestos Roofing. At the end of fifty minutes the roofing was not burned or injured, being only slightly blackened with smoke.

in any four years before, and the end is not yet.

The writer recently visited the home of this breeder and had access to all his books and correspondence and knows whereof he writes, but we don't want to give our readers the impression that they must have this certain variety and strain of fowl to succeed in the poultry business, for we firmly believe that the same results can be secured with other varieties if the same methods are pursued, as other breeders of other varieties have been just as successful, but they had to have the stock with quality for a foundation.

Some two years ago there appeared in these columns an editorial written by the writer of this, in which claim was made that the breeders of thoroughbred poultry were selling their stock and eggs at too low a price; that they could not afford to put their time and money into producing exhibition birds and sell them for five dollars.

The success of the breeder referred to above bears out our claim, for the prices he has secured for his stock and eggs have been far in excess of prices secured in former years by other breeders. In fact, these prices have opened the eyes of poultry breeders all over the country and has resulted in the prices of fancy stock and eggs being greatly increased by fully 50 per cent of the breeders in all sections of the country.

Mr. Ernest Kellerstrass, Kansas City, Mo., is the gentleman we have been referring to, and it is worth any man's time, trouble and expense to visit this great farm and see for himself just how the Crystal White Orpingtons are raised and how he manages his business. He is always willing to give his fellow breeder any information or assistance he can, for he figures that the greater success the other breeders have the greater will be the chicken industry as a whole.

Mr. Kellerstrass is a firm believer in giving every customer full value for his money and that he does this is evidenced by the following letters from a few of his customers to whom we took the liberty of writing and asking just what kind of treatment they had received in their business relations with Mr. Kellerstrass. The letters speak for themselves:

Denton, Tex., Aug. 8, 1910.
American Poultry Journal Publishing Co.,
358 Dearborn St., Chicago.

Gentlemen: Replying to your inquiry of the 4th inst., I will say that my business relations with Mr. Kellerstrass have been very pleasant, the quality of his stock has fully met his representations, and my success with them has far surpassed all expectations. He has always been careful to state accurately the character of the stock offered for sale, and from the time I bought my first setting of eggs from him, in the spring of 1908, he has seemed to take a personal interest in my success in breeding the Crystal White Orpingtons. He has taken especial pains in furnishing valuable information and has sent numerous bulletins bearing on the care of the stock.

In 1908 I ordered a setting of eggs from Mr. Kellerstrass' utility pens, and was so pleased with them that a year later I secured some eggs from his best stock. From last year's raising I sold chickens to the amount of \$45, reserving only eleven of the best hens. From these I have sold eggs to the amount of \$115, have 100 fowls in my home pens, and have established a branch farm with 26 for a beginning.

I have found that the great popularity of these fowls is well warranted. Having had experience with a number of other varieties of standard breeds, I am better able to appreciate these. They mature early and are unsurpassed for table use. Moreover, they combine the laying qualities of the Leghorn, the hardness of the Game, and the size of the Plymouth Rock. Respectfully,

Mrs. W. A. Richards.

Gloucester, Va., Aug. 9, 1910.
Mr. Jas. W. Bell,
American Publishing Co.,
Chicago, Ill.

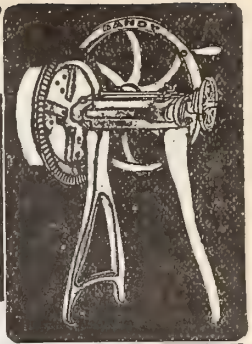
My Dear Sir: In regard to your request that I tell you of the treatment I have received at Mr. Kellerstrass' hands, I might sum it all up, I suppose, in a sentence, and say, "He has treated me white" for he certainly has! The only acquaintance I have with Mr. Kellerstrass is what has grown out of an obscure person, a would-be fancier, writing to the most successful breeder in the world for his cheapest line of goods.

ORDER ONE TO-DAY

Use it
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Days
FREE

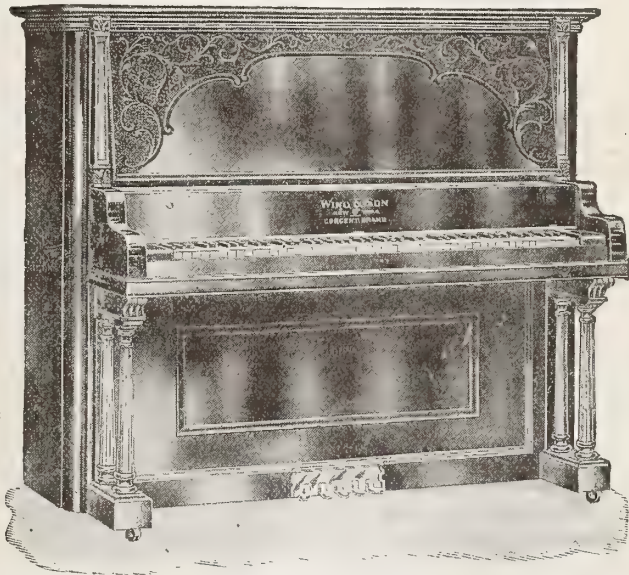
Do you want to have lots of eggs to sell? Then you will have to provide your hens with the kind of food eggs are made of. Feed cut green bone and the increase in your egg yield will more than pay for a "Dandy" Green Bone Cutter. We'll sell you any size cutter you want on 15 days free trial backed by a broad guarantee. This will give you an opportunity to see how the machine is made and how it works before you buy it. The "Dandy" has distinctive features found in no other bone cutter—is easily operated and being automatic in its feed, it never clogs the cutter, nor gets out of order. Write today for Free catalog—it's full of poultry feeding facts that will save you money. **STRATTON MFG. CO., Box 17 Erie, Pa.**

IF IT
DON'T
SUIT
DON'T
PAY



CATALOG FREE

THE
WING
PIANO
Player Pianos
Uprights and
Grands



THE
WING
PIANO
Player Pianos
Uprights and
Grands

One of our forty designs

Rock-Bottom!

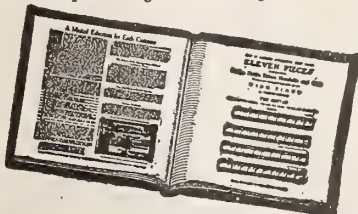
Yes, Rock-Bottom Prices and on a Piano of the HIGHEST Quality

Let us quote you the most astounding prices ever offered on pianos of unexcelled quality. The very rock-bottom prices—prices that would mean ruin to the local dealer or the mail-order houses that buy their pianos from the manufacturer. You will be amazed at the direct-from-the-factory prices on the well-known Wing Piano. We will positively save you from \$150 to \$250 on the purchase of a piano of highest quality, recognized merit. We offer to convince the purchaser by shipping your choice of a piano on approval, all freight prepaid, no money down—absolutely free trial—a four weeks' free trial. **Remember: all freight charges prepaid, no matter whether you keep the piano or not.**

Send for Book of Information FREE!

Would you like to know all about pianos, how they are made, how to judge the fine points of quality and price in buying a piano? Then send the coupon for the piano book which we are sending out FREE for the present—the book is free.

The Coupon Brings this 156-Page Book Free



information that may mean hundreds of dollars to you, whether you buy a piano now or later. Put your name on the coupon and mail it to us AT ONCE.

WING & SON, Est. 1868, 373-386 W. Thirteenth Street, New York

So many of the new style Wing Pianos are getting into homes where the people buy for all cash, that dealers are trying to tell it around that Wing & SON REFUSES to sell on time. This is not true. We sell for cash OR on VERY, VERY EASY PAYMENTS just as YOU choose after your four weeks' free trial. And many of our wealthy men are buying Wing Pianos right now on our easiest monthly payment plan.

Every discount goes direct to you

The Wing Piano stands alone—sold direct from the factory—the only one sold direct from an exclusive piano factory without going through the hands of a single middleman.

When you buy a Wing Piano you pay no salesmen's, dealers' or middlemen's profits. You pay no commission to music teachers and supposedly disinterested friends. We cut out all middlemen and you put the discounts in your own pocket. The piano book tells how to save from \$150 to \$250.

This book (156 pages) tells all about material, manufacture, assembling, patented devices and what they do, all about soundboard, action, case, in fact every detail connected with the production of a fine, high grade piano. You will be astonished at the amount of information about piano quality and piano prices, and how to avoid the deceptions of piano salesmen. The New York World says, "A book of educational interest everyone should own." With this book we send our direct-from-the-factory prices on Wing Pianos.

Send Coupon

or a letter or postal NOW, Don't miss this opportunity to get the very latest and best piano in.

TO WING & SON
373-386 W. 13th St.
New York City

Gentlemen: Without any obligations to purchase or pay for anything, please send me free and prepaid the book of piano information, the complete encyclopedia of the piano, pieces on pianos, etc., all free, prepaid.

Name.....

Address.....

ORPINGTONS

Kellerstrass Strain—S. C. Whites. A few fine cockerels for sale.

J. B. Crist --- Golconda, Illinois

SINGLE COMB BLACK**MINORCA COCKERELS**

Two months old, \$1 each. Can contract for a few pullets, two months old, delivered August 1, \$1 each. All these from the best pens.

F. C. WING

South Side Poultry Farm : Wayland, Michigan

Buff Leghorns

Winners at New York, Orange, Red Bank and Ruthersford shows. Lamon's old strain pure. Choice young stock now ready to ship. Send for catalogue of my winnings.

W. D. Campbell, R. F. D. No. 1, Bloomfield, New Jersey

ROSE COMB BROWN**LEGHORNS**

Ckls. bred from 1st, 1910, N. Y. chl. fit to win in any competition. Also pedigreed pullet bred cockerels, and properly mated pens.

B. A. Oakley, Brooklyn, Pennsylvania

S. C. R. I. REDS

Large size, good shape and color. Males, \$3 and \$5; females, \$2 and \$3.

Elmer G. Dean, Morganville, N. J.

20 Acres of Fruit Land in

CALIFORNIA

will make you independent in five years. Mild climate. You can work out of doors all the year round.

Write for free information about any part of the State to the

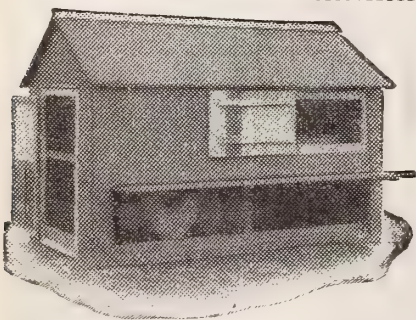
California Development Board

San Francisco, California

It is a State Organization with the Governor as President

and has nothing to sell

Address your letter to Bureau No. 1

**Perfect Portable Poultry House**

Affords perfect laying conditions the year round for a dozen hens. Ready built, durable, convenient, two-story, arranged to give standard room inside. Put together in twenty minutes with wrench furnished. Price, complete with roosts, nests, trough and hopper and with full instructions for care and feeding to produce eggs at seven cents per dozen, \$25.00, freight prepaid. Incubators, brooders, shipping coops, exhibition coops. Send for descriptive circular.

THE OWEN COMPANY

South Street, Allegan, Michigan

I do not consider that I could have expected the interest that I have received at his hands if I had been his most extravagant purchaser. From a twenty-five dollar pen of birds bought of him a year ago I have raised show birds that have carried off forty ribbons at Richmond, Washington and Baltimore shows, and have earned a thousand dollars. I have since bought an own son of Peggy from him, and this season several settings of eggs to improve my stock. He has always treated me most handsomely, and has attended to every detail of his business perfectly. He is a genius in business as well as a prince of poultrymen. He is far ahead in the poultry world as an artistic and successful advertiser as he is in the prices he has earned for his stock.

Yours very truly,
Mrs. L. C. Catlett.

Springfield, Ill., Aug. 5, 1910.
American Poultry Journal,
Chicago, Ill.

In reply to your inquiry of the 4th inst., regarding the breeding of Kellerstrass Crystal White Orpingtons, will state that in April, 1909, I purchased from the Kellerstrass Poultry Farm, at Kansas City, Mo., a pen of these birds, and in January, 1910, another pen, and from these two pens have raised two hundred of the whitest, cleanest, and best chickens I ever saw. One hatch of twenty, in March, are at present almost fully developed, and are certainly hard to beat. Have lost very few of the chickens hatched, and they show their breeding and vitality in the vigorous and continuous growth. As egg layers they are hard to beat. I have some Single Comb Rhode Island Reds which I consider good egg producers, but, as compared with the Orpingtons, not so good. The crystal white color and clean bright appearance attracts attention from every one, and brings out words of wonder and praise, some even charging that the birds have been powdered, they are so white. My dealings with Mr. Kellerstrass have been satisfactory. I purchased no eggs of him. As to this strain of fowls, I cannot say too much in their praise. The prices that have been paid for them are sufficient proof of the charm of their appearance and beauty. Coupled with this is their excellent egg production, and the unsurpassed quality of their meat for table use.

Trusting that above may be a satisfactory reply to your inquiry, and with best wishes, I remain,

Yours truly,
E. P. Bartlett.

Kirkwood, N. Y., Aug. 6, 1910.
Jas. W. Bell,

Editor American Poultry Journal.
Dear Sir: Your letter of inquiry regarding the treatment received with my business by Mr. Ernest Kellerstrass of Kansas City, Mo., would say, I received three settings of Crystal White Orpington eggs of him April 8, 1909. I got twenty-four nice, lively chicks from those eggs and you never saw healthier stock. I consider Mr. Kellerstrass a fine man to deal with, as he takes a personal interest with his customers. He has written me several times, giving me the best of advice and instructions, also telling me that if I couldn't find sale for my eggs he would turn some of his customers over to me; but I have not had to ask Mr. Kellerstrass for any orders, as I have had all the orders I could fill and turned away some. People know I have Kellerstrass White Orpingtons, and lots of them come here to see them. I have no other breed to get mixed with them and I keep them yarded, all nice, healthy stock, because they came from healthy stock, just as Mr. Kellerstrass told me. Mine commenced to lay at six months old and I didn't feed any meat or meat scrap to push them, and fine layers. I never had anything yet that came anywhere near them. To say that I am pleased with Mr. Kellerstrass' stock and with his kind consideration for my welfare is putting it very mildly. Just show me any other breeders that will recommend others to you for stock and eggs as does Mr. Kellerstrass. On the contrary, they advertise to buy of no one only themselves, thereby condemning the stock they are sending out. They tell you to come to them direct and not to go to small breeders.

Now Mr. Kellerstrass doesn't do this; on the contrary, he recommends his customers to any one that has his stock because he knows it is good—it is the best there is. He gives his customers a show. He is fair and square, and will treat

ENTERPRISE

MEAT AND FOOD CHOPPER
strong, simple. It CUTS the food without tearing. Send 4c for booklet.

The Enterprise Mfg. Co. of Pa., Philadelphia, Pa.

75c

Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

**Adjustable Clinch Bands**

As good as any made. 25 for 20c; 50, 35c; 75, 50c; 100, 65c; 175, \$1. Sample free. Agents wanted. Good profit.

Frank Cross, Montague, Massachusetts

HERE-I-HIDE MITE TRAPS

Will catch every mite in any chicken house and keep it until you kill it. This is absolutely true without reservation. Each trap is a yard long, protecting six fowls. By mail, 6 for 30c. Booklet tells why.

W. W. FRANTZ, : WAYNESBORO, PA.

A Statement:—Carlisle, Pa., Aug. 30th, 1910.—Mr. Frantz, Waynesboro, Pa. Dear Sir: Enclosed please find 30 cents. Send me six of your Here-I-Hide mite traps. The one I received from you proved very good, doing all you claim for it. Send by return mail. Yours, etc.—J. M. Morris, 55 W. North Street.

REDS**S. C. RHODE ISLAND REDS**

More than 500 young birds. I have birds that are of splendid shape and color. A few of my hens are left. Will close them out at sale prices. The famous Red Raven strain bred exclusively. WRITE FOR PRICES.

H. F. Kennerk, R. F. D. No. 7, Fort, Wayne, Ind.

WHITE ROCKS

Some choice young stock now ready to ship. Satisfaction guaranteed or no sale. Write for prices on what you want.

W. N. Graham, Bradford, Illinois

With the... Fall Winds

comes chicken troubles—Colds, Sneezes and Roup. Your flock absolutely insured against loss from disease if you will send for a box of the magic, wonder working **Eureka Tonic and Roup Tablets**. Fred Oertel, Sup't of Brighton, Ill., shows, says: "The 1st Single Comb Red Cockerel was so bad that both eyes were swollen shut and could not eat. I went right after him with some of the Eureka Roup Tablets, and by the next morning he was as well as he ever was in his life, and ready to take another first prize." 1000 other testimonials. Full size box (65 tablets) 25 cents. Sample box 4 cents. Write today. Agents wanted.

The Coleman Company, 20 Plymouth Street, Lexington, Ohio

A Valuable Poultry Book Free

Filled with valuable information and tells you how to succeed. Thousands are now making big money raising poultry and our book tells you how to do it. We give it FREE to any one sending forty cents for a trial package of Egan's Peerless Poultry Powder, a guaranteed egg producer. This special offer is for a short time only, so send today.

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan

I HAVE THE FINEST LOT OF BARRED AND WHITE ROCKS

in the state of Ohio. I won 30 prizes at shows last winter. Have choice birds from these winners for sale now from \$5 up

A. J. LAUNDON
CHEAPSIDE : : : ELYRIA, OHIO

you with courtesy and do all he can to get you going. Show me another breeder like him. I like to deal with him. I can't say enough for him. I wish there were more like him. Yours truly
E. W. Francis,

**GET THIS FAMOUS BOOK ON THE
"KALAMAZOO QUALITY"
IDEA.**

Every reader of this paper has probably known for years of the famous "Kalamazoo Idea" of selling high grade stoves and ranges from "Kalamazoo direct to you" on the most liberal plan ever offered by stove manufacturers. The popularity of this plan has caused this company to grow so large that it has been necessary this year to make new additions to their factory, including a new moulding room 60' x 200 feet long, and also to add a new 300-horse-power boiler which more than doubles their present power plant.

Then, too, in order to increase the healthful conditions which have always surrounded the men in the Kalamazoo factories, they have built a two-story lavatory and bathroom for their men, and it is a fact well known to the Commissioner of Labor in Michigan that the expert stove makers employed by the Kalamazoo Stove Company work under the most favorable conditions and produce the most satisfactory work of any men employed by any company making stoves in this country.

We believe that our readers will be interested to know these facts and also to send their names for the new 1910-11 Kalamazoo stove catalogue, which also includes gas stoves, and which shows prices of all kinds of ranges, stoves, heaters, etc., sent direct to the user at wholesale factory prices.

Every Kalamazoo is handsomely finished and blacked and safe delivery is guaranteed, all ready to be set up for use. Freight is prepaid and you have thirty days' free trial to test the Kalamazoo right in your own home and 360 days' approval test backed by \$100,000 bank bond guarantee of satisfaction or money back.

The Kalamazoo Stove Company has over 140,000 satisfied regular customers among farmers and home folks in almost every city in the United States, including people who have a Kalamazoo in over 21,000 towns and cities, so it is very probable that if you wish to ask people near you who own Kalamazoos how they like them that the company can send you the names of many—probably many folks right near you in your own neighborhood.

Kalamazoo stoves, ranges and gas stoves are not sold through dealers or agents, but everybody first sends for their big free catalogue, which costs them 10 cents to mail to you and which contains over 100 pages, fully illustrated, showing you how you can save from five to forty dollars on any stove or range that you buy.

The company will let you pay cash or give credit to responsible buyers, so that if you wish you can make a small payment down and the balance on easy monthly payments.

tory to send a postal card or letter for the Kalamazoo catalogue No. 415. You may say on your letter or postal just thinking of buying, and say whether you are interested in gas stoves. Address



WHITE PLYMOUTH ROCK.

First prize pullet at Milwaukee, 1910. Bred and owned by W. R. Abbott, Fort Atkinson, Wis.

We believe that every reader of this paper who is contemplating buying any kind of a stove or range or gas stove will find it very profitable and satisfac-

Kalamazoo Stove Company, Manufacturers, Kalamazoo, Mich. For prompt service say that you are a reader of this paper.

EVERYTHING FOR POULTRY KEEPERS



COMPLETE FREE CATALOGUE AND
ANNUAL POULTRYMAN'S GUIDE

WE MANUFACTURE SEVENTY-TWO DIFFERENT ARTICLES for up-to-date, progressive poultrymen and women, ranging from Cyphers Mammoth Compartment Incubators holding 50,000 eggs at one filling down to 10-cent trial packages of Lice Powder, and every article is warranted to be as represented and is guaranteed to give satisfaction or money refunded. Standard goods we manufacture and sell include the following:

Incubators	Developing Food	Lice Powder	Roofing Paper
Brooders	Chick Food	Lice Paint	Spray Pumps
Brood Coops	Forcing Food	Napcreol (Disinfectant)	Powder Guns
Chick Shelters	Laying Food	Anti-Fly Pest	Wire Fencing
Brooder Stoves	Short-Cut Alfalfa	Egg Preservative	Bone Cutters
Leg Bands	Shredded Alfalfa	Fumigating Candles	Chick Markers
Egg Packages	Mealed Alfalfa	Drinking Fountains	Bone Mills
Egg Testers	Full-Nest Egg Food	Grit and Shell Boxes	Root Cutters
Caponizing Sets	Nodi Charcoal	Food and Water Holders	Nest Eggs
Scratching Food	Poultry Remedies	Roost Supports	Poultry Books

OUR COMPLETE CATALOGUE FOR 1910

Consists of 160 pages, 7½ x 10 inches, and contains an illustrated description of all goods we manufacture. Tells about freight rates, gives prices, etc. Contains five instructive chapters on successful incubating, brooding, feeding, heavy egg yields, etc. Illustrates and describes our \$40,000 poultry farm—the largest in the world owned and conducted by an Incubator, Brooder and Poultry Supply Company.

THIS BIG CATALOGUE and Poultryman's Guide is **FREE** postpaid to any address if you will kindly mention that you saw our advertisement in this paper. Note below our six places of business in the United States which insure low freight rates and prompt delivery of goods. Address Home Offices or Branch Store nearest you.

CYPHERS INCUBATOR COMPANY, BUFFALO, N. Y.

BRANCH STORES AND WAREHOUSES:

NEW YORK CITY, N. Y.
21-23 Barclay St.

BOSTON, MASS.
12-14 Canal St.

CHICAGO, ILL.
340-344 N. Clark St.

KANSAS CITY, MO.
2325 Broadway

OAKLAND, CAL.
1569 Broadway.

"BETTER THAN EVER STRAIN"

White Rocks

More prizes at Cincinnati than any other exhibitor. Choice exhibition stock now ready to ship. Prices right. Circular.

H. L. Brown, Oxford, Ohio

BANTAMS

The demand will increase with you as it has with me, if you breed quality and sell quality. There is still plenty of room at the top. If you want that little booklet of mine send 4 cents in stamps. Cochins, R. C., Sebrights.

Frederick G. Davis, Ben Avon, Pittsburgh, Pa.

CONGO

NEVER LEAK

ROOFING

Congo 2-ply or 3-ply Roofing will last Ten Years

The ten years of life is guaranteed by a genuine enforceable Surety Bond issued by the National Surety Company of New York.

The guarantee is such that you get new roofing free of charge if Congo does not give satisfaction.

You needn't be an expert in roofing. You may not know good material when you see it, but you do know what "ten years" means.

Copy of the guarantee, sample and booklet free on request.

UNITED ROOFING & M'F'G. CO.**523 West End Trust Bldg., Philadelphia, Pa.**

Chicago

San Francisco

Congo on
Johnson City Ice Plant,
Johnson City, Tenn.



600,000 HOMES



are made brighter and happier the year 'round by the visits of **Park's Floral Magazine**. Oldest and best floral monthly in the world. Illustrated 39th year. It will delight you.

SEND 25¢ TO-DAY for the Magazine 3 yrs; add 5 cts (30 cts in all), and I'll mail you 3 dozen **Fine Hardy Tulips**, worth 75 cents; double and single, all colors. Plant now for a glorious big bed of spring flowers that will surprise your neighbors. Last for years. 6 lots for \$1.50 Imported these fine Tulips from Hollanders who sacrificed them to get money. I may not be able to make such an offer again. Send 30 cts today for Magazine 3 yrs and the 3 doz fine Tulips. Money back if not pleased. Tell your friends.

Three Dozen Tulips 5 Cents. A RARE BARGAIN.

GEO. W. PARK, Box T, LaPark, Pa.

LAYING HENS OR NON-LAYING HENS?

It makes a great deal of difference from the money standpoint to any poultry keeper whether he has laying hens or non-laying hens in his flock. The eggs which any hen will lay is the only way to estimate her worth. If she is a good laying hen then she will more than pay for her feed, but how many hens are there in every flock that are not laying and are not only an expense to the owner but take nearly all the profit from the eggs that are produced by the laying hens.

Keeping Only Laying Hens.

There are over 30,000 poultry keepers in this country who now know from experience that they can keep a flock of only laying hens and that is because they have purchased the Potter System of Selecting Laying and Non-Laying Hens, which tells them how to go into their flock and pick out instantly the hens that are laying from those that are not laying. The Potter System book, entitled "Don't Kill the Laying Hen," contains 100 pages and over 30 illustrations. There is no poultry keeper in the United States or any other place who can afford to be without this book.



Don't Kill or Sell Laying Hens.

This time of year poultry raisers are beginning to sort out their flocks and get rid of the older birds, to make room for the young stock which is coming on. How many times poultry keepers kill or sell just the hens which are in full laying condition and the ones they should keep. But by using the Potter System on your flock, it is an easy matter to pick out the laying hens, the ones you want to keep, and to kill or sell only the non-laying hens, or drones, in your flock. Over 30,000 poultrymen are using the Potter System and are making more profit on their hens every day. The letters below are from a few of those using the Potter System and they tell frankly what they think of it:

"A Great Help to Poultrymen."

Gentlemen: I received the booklets in due time and have studied the "Don't Kill the Laying Hen" very closely and can almost say I am an expert already in testing chickens for laying. I think it is a great help to poultrymen and shall do all I can to recommend it to my neighbors. Yours truly,

Chas. Boldt.

Watertown, Ill.

"Worth Its Weight In Gold."

Dear Sirs: I must say your booklet, "Don't Kill the Laying Hen," is valuable to any poultry keeper. It's worth its weight in gold. Your system is reliable in every way and I am more than pleased with it. I told some of my friends about it and they got the book and are pleased with it. Respectfully yours,

977 Wilcox Ave.

Chicago, Ill.

"Its Value Is Unlimited to the Poultryman."

Dear Sirs: I have derived much benefit from the book entitled, "Don't Kill the Laying Hen." As my object in the poultry business is to build up a heavy laying strain, I could not get along without the knowledge I have received from it. When I received it I had over 700 hens and after picking out the layers I only had 200, and am glad to say I am getting just as many eggs as ever. So much



The **FAVORITE BAND**
THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.

CHAS. L. STILES
COLUMBUS OHIO,
24 Columbia Bld.

HANLON'S BUFF LEGHORNS AND BLACK ORPINGTONS

Produces the winners. A few extra choice Black Orpington cockerels for sale at prices to suit. Write for full particulars.

Philip Hanlon, Jr., Watertown, New York

R. C. R. I. REDS

Cockerels \$2 to \$5 each

N. B. Lints, Route 3, Frankfort, N. Y.

EGGS

Our Mammoth Pekin Duck eggs, \$3, \$2.50 and \$1.50 per 11, or \$8 per 100. Orpingtons at \$3 per setting. Can fill your orders for day-old S. C. W. Leghorn chicks at \$12.50 per 100 in any size lots.

C. C. Herron -:- Hope, Indiana

FOR SALE. The patentees and sole manufacturers of a valuable patented (two patents) device in the poultry supply line, wishes to correspond with reliable party who desires to obtain a very profitable article that they can manufacture and control by State or for the entire country.

This article has been advertised in the leading poultry publications during the past two years and is at the present time being shipped to all parts of the country. The demand for it is unlimited and the profits large. Other interests demanding our time and capital compels us to sell.

Fullest investigation is invited.

Address, "Patentees" in care of this Paper

Economy Beef Scrap

THE QUALITY KIND

Guaranteed Analysis 65% Protein

No matter what methods of feeding you employ or the kind of feed you are using, you can only get the maximum results from your poultry by using Economy Beef Scrap, \$3.25 per hundred. Write for sample and discount on quantity orders.

The Economy Meat Food Co.
155 Terrace Street, Buffalo, New York

"TYCOS" Incubator Thermometer

supplied with any incubator, is the mark of quality which proves that the maker puts value into his machine, regardless of cost. Install on the "Tyco"

Taylor Instrument Companies

ROCHESTER, N. Y.

for the Potter System. As space and time will not permit me to tell all of its good qualities, I can only say its value is unlimited to the poultryman. Yours respectfully,

John E. Kuhn,
R. F. D. No. 3.

State College, Pa.

"Found It Absolutely Correct."

Gentlemen: Two years ago I bought your book, "Don't Kill the Laying Hen." After thoroughly testing your method I found it absolutely correct. I learned how to apply the method in one day. I think I made 500 per cent on the dollar invested. Every one who raises poultry should know your method. I have always regretted killing a laying hen when it was too late, but now the laying hen is safe in my hands.

Yours truly,
R. C. Robinson.

McLeansboro, Ill.

"Would Not Be Without It For Any Amount."

Dear Sirs: I received your book, "Don't Kill the Laying Hen," some time ago. I am very much pleased with it and think it the best book I have ever read. Would not be without it for any amount you might ask for it, and think every person keeping chickens should have a copy.

Yours truly,
Ed Archer,
304 Grand Allee.

Quebec, Canada.

"Worth Hundreds of Dollars."

Dear Sirs: Some two years ago I bought one of your books, "Don't Kill the Laying Hen," and must say that in all my years of poultry raising the idea had never presented itself to me before. It is worth hundreds of dollars to any one doing an extensive poultry business, and proportionately valuable to those keeping only a few hens. I hope to induce a few of my friends to invest a dollar in so good a thing.

Very truly,
Fred G. Sears.

Dalton, Mass.

Healthy Hens.

Few poultry keepers realize the fact that sometimes as many as 10 per cent of the hens in their flock are in an unhealthy condition and could not lay eggs even under the best conditions and the best feeding. The Potter System teaches you how to pick out the unhealthy hens

which are not laying and perhaps never have laid and are just the ones you should get rid of. Defective laying organs is one of the greatest causes of non-laying hens in any flock. Roup and other diseases also put hens out of laying condition, and oftentimes after being sick this way they never lay any more.



The above cut shows the organs of a healthy laying hen and shows how the eggs are formed and they are seen in all stages of development, from the smallest germ to the fully developed egg, ready to lay. Hens in this condition are the kind to keep and are the ones that will be profit-makers in the line of egg production. No poultry keeper in this time and age needs to keep an unprofitable flock of hens. It is simply a matter of using the Potter System and selecting

only those that are healthy and in laying condition. T. F. Potter & Co., Box A, Downers Grove, Ill., have been selling their Potter System book to thousands of poultry keepers all over the country for the past five years, and any poultry keeper who wants to make more money on his flock should not delay a day in sending for their circulars describing this wonderful Potter System book. They also manufacture a complete line of portable poultry houses, brood coops, roosting coops, roosting and nesting fixtures, etc. Their large advertisement will be found in this issue of American Poultry Journal.

NOTICE.

The firm of Stephen Marsh and W. G. Holbrook, known as Standard Plymouth Rock Farms, has been dissolved and a division of the stock has been made. All the New York winners and the best breeding stock has come to me.
(Signed) Stephen Marsh.

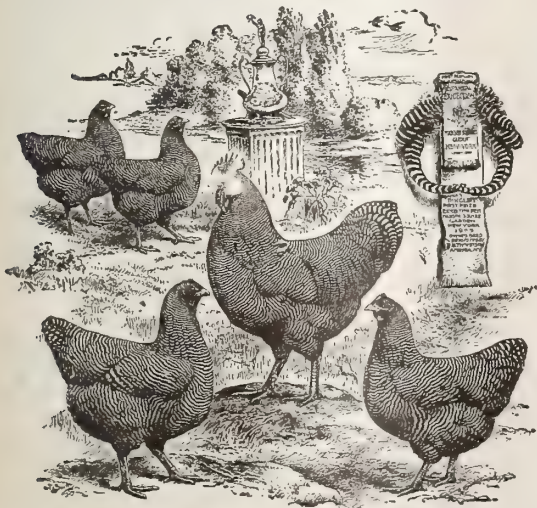
Dr. I. W. Brown, of Cleveland, Ohio, has a nice flock of Rhode Island Reds which he offers for sale in this number. Dr. Brown got his foundation in stock from the famous Lester W. Tompkins strain, and now has what he calls his "own particular strain," and it is a good one, too. The doctor has been several years preparing for his entry into the field of successful poultry breeding, and has steadfastly refused to do any advertising or pushing his stock until he felt absolutely sure of his position. He feels himself now established firmly enough, and anyone desiring fair, square, business-like treatment will do well to correspond with or call upon the genial doctor. His first ad appears elsewhere in this number.

Gage & Houston, Williamsport, Pa., the well-known breeders of Barred Plymouth Rocks and Single Comb Leghorns, report that never in their 12 years' breeding have they produced so great a percentage of first class birds as they have this season, and they are now offering 300 cockerels at prices that will move them quick. They guarantee to deliver money's worth and a little more. Write them today.

W. D. Lipe, Litchfield, Ill., the well-known breeder of R. C. Rhode Island Reds, is offering some exceptional bargains in cockerels this month. He has 150 to dispose of. His stock does not need any recommendation from us.

Fashion's Proudest Birds

ARE "RINGLETS"



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

E. B. Thompson's Barred Plymouth Rocks are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which has made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse—it is the most remarkable in the annals of poultry shows.

The "Ringlets" are always imitated, but never equaled

I now have on my farm the largest and finest lot of superior exhibition and breeding birds—both male and female—I ever owned; they show that elegant blue color and bright, snappy, narrow "Ringlet" barring, that win under all judges and have made my Barred Rocks the leading silver cup and trophy winners at Madison Square Garden, New York, since 1887—nearly a quarter of a century. These birds will be the winners this fall and winter for the leading shows of America. Will mate breeders to produce winners if desired.

The enormous prestige of my "Ringlets," created by superlative quality, has made them the standard by which all other Barred Plymouth Rocks are judged

New richly illustrated 58-page catalogue mailed upon request; it is full of pictures of New York winners from life. You may have the product of my skill, reaped by 30 years' experience, at reasonable prices. Your wants will have my best and personal attention.

SEE MY AD ON
BACK COVER PAGE

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

SPECIAL 30-DAY REDUCTION

Harding's Roup Cure, 50c size, 35c postpaid; Harding's Roup Cure, \$1 size, 60c postpaid; Harding's Cholera Cure, pound size, 50c postpaid; Harding's Scaley Leg Cure, 25c size, 25c postpaid; Harding's Head Lice Ointment, 25c size, 20c postpaid. **Harding's Granulated Milk Albumen**—The BEST egg producer ever made. Keeps in any climate. \$3 single 100-lb., or freight prepaid on 300 pounds or more, east of Mississippi River. Send N. Y. draft or postoffice money order TODAY to

Geo. L. Harding : 20 Grand Boulevard : Binghamton, New York

Russell Farm White Wyandottes

Winners at Guelph, Toronto, Boston and Ottawa. This season at above shows they won seven first prizes out of a possible 16 competed for. For sale: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write your wants.

Joseph Russell, Prop., 1308 Queen Street E, Toronto, Ont., Canada

OCTOBER ISSUE

OF Reliable Poultry Journal CONTAINS

Frontispiece by C. H. Latham
Care of Exhibition Birds—C. H. Latham
The Invalid Poultry Woman—Myra V. Norys
Biographical Sketches of Judges—By Editor
What Shall the A. P. A. Do Next?
The Modern Black Minorca—O. E. Remsen
Judging Wyandottes by Comparison—J. H. Drevenstedt

Seward Open Front house
How to Raise Turkeys Successfully—M. A. Dartt
Departments, namely: Practical, Health and Disease, Standard Bred, Specialty Clubs, Woman's Table, Everybody's News Items, Southern, Pacific, Western News Notes, Eastern News Notes.

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Free sample copy will speak for itself. Postal will bring it to you. Write today. Address
Reliable Poultry Journal Publishing Co., Box E 10, Quincy, Illinois

THE SONG OF THE HOUDAN HEN.

O listen to the song
Of the hen that wears a bonnet;
'Tis the Houdan, proud and happy,
About whom I write this sonnet.

This speckled crested biddy,
She goes around so snappy;
If you could see her egg pile
You'd know why she's so happy.

She'd beat that old White Leghorn,
For her eggs are always large—
No measly little egglets
To Mrs. Houdan can you charge.

Talk about white feathers,
Mostly dirty white;
This iridescent Frenchy Lady
Puts them out of sight.

She's coming down the pathway,
Head upright she holds,
Queen of all the Hendom,
Exclusive biddy bold.

Stop and think one moment;
Ah! indeed she has a right to smile!
For she beats them all a mile
With her big, big eggpile.

—E. L. P. T.

The Candee Incubator and Brooder Co., of DeWitt, N. Y., wishes us to inform our readers that they are urging all their customers to place their orders early, as their factory is now running night and day to keep up with present orders. These people have certainly made wonderful strides in the development of their business, but this, of course, is due to the satisfaction their machines are giving their customers, a sample of which is given in the following letter:

YESTERLAID EGG FARMS CO.
Fern Hill in the Ozarks.

Pacific, Mo., Sept. 5, 1910.
Candee Incubator & Brooder Co.,
DeWitt, N. Y.

Gentlemen: Enclosed find our order No. 266 for an eighty-four hover Candee Hot Water Brooding System.

The chicks which were grown to the age when they did not require heat in our Candee System Brooder house this season are so far superior to those handled in our other brooders that we consider it a good business investment to install these additional eighty-four hovers, even if we were not planning to very materially increase the number of chickens raised.

We are greatly pleased with the absolute efficiency of your heaters. The care and regulation of the No. 10 heater on our Candee Brooding System and the No. 6 on our 6,000 egg Candee Incubator is not a chore—it is merely a detail in the very small amount of routine work required to operate our hatching and brooding plant.

You will be interested to learn that we were obliged to turn away a large amount of custom hatching business—there was fully twice as much as we could handle. It is quite probable that we will install another 6,000 egg Candee Incubator next year. Several of the parties for whom we did custom hatching have told us that the chicks we hatched for them were much stronger and grew more rapidly than the ones they hatched with hens.

It was a constant source of surprise to our many visitors during the hatching season to be shown how simply and absolutely such a large machine was regulated.

Thanking you in advance for an early shipment, we are very truly yours,

Yesterlaid Egg Farms Co.,
R. C. Lawry, Mgr.

Does advertising in the American Poultry Journal pay? Read what Mr. Whitney, of Rock River says:

Rock River, O., Aug. 19, 1910.
American Poultry Journal,
Chicago.

Gentlemen: I advertised breeders in the August number of your paper and since it came out I have averaged 5 inquiries per day from all over the United States and several from Canada. This is the best pulling power I ever saw. The sales arising from advertisements in your paper are better than any other poultry paper by 50 per cent.

Yours truly,
H. T. Whitney, Proprietor.
White Feather Poultry Farm, Rock River, Ohio.

The above testimonial was made entirely unsolicited, and speaks volumes for the largest and best. Mr. Whitney intends enlarging his already enormous plant and is now arranging for a larger business than he ever had.

Are You Getting all the Eggs You Would Like From Your Hens?

If not, the trouble is that you are not feeding them properly. Your hens are only machines and without food could not lay an egg. Accordingly it is the food they get that determines the number of eggs and it is scarcely an exaggeration that

THE PARK & POLLARD CO.



DRY-MASH

MAKES THEM
LAY OR BUST

Why? Because it is not a food cheaply prepared for the mere purpose of money making but the result of years of study and experimentation. It keeps the birds in the best of health and is in a class by itself as an egg producer. Naturally when eggs bring high prices they are hard to get and only the best food can be expected to produce them. Consequently it will pay you to start using this Dry-Mash immediately.

Order Some From Your Dealer

If he does not have it ask him to order some for you. Tell him we guarantee absolute satisfaction or money refunded, so there is no risk. If he will not do this, send us his name and we'll quote you prices direct.

At any rate, write today for our new illustrated book entitled "Poultry Truths." Worth \$1.00 but absolutely free.

THE PARK & POLLARD CO.

General Offices and Salesrooms, 30 Canal St., BOSTON, MASS.

Poultry Show Dates, 1910-11

1910.

- Oct. 3-6—Hamilton, O. J. A. Horning, judge; W. C. McKenny, secretary, R. R. 2.
 Oct. 5-8—San Jose, Cal. Venn, judge; Charles R. Harker, secretary.
 Oct. 8-17—Joplin, Mo. H. A. Forkner, secretary.
 Oct. 10-15—Nashua, Mo. A. W. Thompson, Secy.
 Oct. 11-14—Hagerstown, Md. Drevenstedt, Brown, McClave, Nichols, Stanton, Ewald, Shaylor, Atherton, Oke, Minich and Kummer, judges; W. F. Spahr, poultry secretary.
 Oct. 12-15—Delaware, O. Ed. S. Mettler, secretary.
 Oct. 14-15—Golden, Ill. Penny, judge; Mrs. T. W. Eckles, secretary, Camp Point, Ill., R. R. 1.
 Oct. 21-22—Girard, Ill. D. E. Hale, Quincy, Ill., judge; H. C. Rathgeber, Girard, Ill., secretary.
 Nov. 29-Nov. 6—El Paso, Texas. C. P. Van Winkle, judge, L. E. Gillett, secretary.
 Nov. 5-10—Phoenix, Ariz. C. E. Conner, secretary, R. F. D. 1.
 Nov. 7-12—Augusta, Ga. Wittman, Simmons and Ewald, judges; H. W. Cameron, sec'y.
 Nov. 8-11—Braymer, Mo. Hobbs, judge; R. F. Nickels, secretary.
 Nov. 9-12—Mexico, Mo. Branch, judge; W. S. Eller, secretary.
 Nov. 14-19—Little Rock, Ark. Emry and Rhodes, judges; C. B. Maxwell, secretary, care of Mercantile Trust.
 Nov. 14-19—Greenfield, Ill. Phil Feil, judge; Miss Carrie Allen, secretary.
 Nov. 15-17—Front Royal, Va. W. Theo. Wittman, judge; M. C. Richardson, Jr., secretary.
 Nov. 15-18—Cheshire, Conn. Card, judge; E. H. Williams, secretary, Box 185.
 Nov. 16-19—Packwood, Ia. Russell, judge; G. A. Spielman, secretary.
 Nov. 18-24—New York City. Weed, Davey, Atherton, Welles, Card, Cleveland, Ewald, Punderford, Cutting, Young, Fitch, Glasgow, Josenhans and Ellard, judges; Robert Seaman, manager, Jericho, N. Y.
 Nov. 21-24—Camp Point, Ill. Heimlich, judge; C. Donald Gay, secretary.
 Nov. 21-25—Farnia, Ill. Shellabarger, judge; Oscar Wells, secretary.
 Nov. 21-26—Dallastown, Pa. W. G. Minnich, H. S. Holse, judges; Jacob Eberly, secretary.
 Nov. 21-26—St. Louis, Mo. Rigg, Campbell, Hettich and Ewald, judges; M. M. Anderson, assistant secretary.
 Nov. 21-26—Beaumont, Tex. Northup, judge; J. L. McKinley, secretary, 1228 Harrison St.
 Nov. 21-26—East Orange, N. J. George Eckel, secretary, 46 Washington Terrace.
 Nov. 21-26—DuQuoin, Ill. E. G. Teaney, secretary.
 Nov. 22-24—Honey Grove, Tex. M. S. Fite, judge; A. S. Galbraith, secretary, Box 180.
 Nov. 22-25—Vandalia, Mo. Stoddard, judge; J. A. B. Keith, secretary.
 Nov. 22-25—Dalton, Ga. Loring Brown, judge; W. R. Davis, secretary.
 Nov. 22-25—Keyser, W. Va. B. J. Hill, judge; C. E. Everhart, secretary.
 Nov. 22-26—Mohnton, Pa. Webb and Jane Broster, judges; J. H. Fuhthorn, secretary.
 Nov. 22-26—Bellingham, Wash. Dixon and Coats, judges; Lloyd Hildebrand, secretary, 2110 D St.
 Nov. 22-26—Mt. Carmel, Pa. Eberly, judge; Thomas F. Owens, secretary, 224 E. 7th St.
 Nov. 22-26—Peekskill, N. Y. Drevenstedt and Davey, judges; G. A. Aschenbrenner, secretary, 1514 Main St.
 Nov. 22-26—Davenport, Ia. Russell and McCord, judges; H. A. S. Kelley, secretary, 738 E. 15th St.
 Nov. 22-26—Marion, O. Bean, judge; M. G. Dickerson, secretary.
 Nov. 22-26—Mohnton, Pa. J. H. Fichtthorn, secretary.
 Nov. 22-27—Dover, N. J. W. H. Bidgood, secretary.
 Nov. 22-27—Oakland, Cal. Stanfield, judge; E. K. Healy, secretary, 2214 San Jose Ave., Alameda, Cal.
 Nov. 23-25—Adams, Neb. E. W. Campbell, secretary.
 Nov. 23-26—Bridgeton, N. J. Stanton, Huyler and Wolsieffer, judges; Paul G. Springer, secretary, R. D. 4.
 Nov. 23-26—Somerset, Pa. McClave, judge; A. D. Shaffer, secretary.
 Nov. 24-28—Quincy, Ill. W. S. Russell, judge; C. D. Tillson, secretary.
 Nov. 28-30—New Virginia, Ia. Shaner, judge; L. E. Wilson, secretary.
 Nov. 28-Dec. 3—Lake Charles, La. Davis, judge; H. K. Ramsey, secretary.
 Nov. 28-Dec. 3—Belle Plaine, Ia. Holden, judge; E. M. Ewen, secretary-treasurer.
 Nov. 29-Dec. 2—West Haven, Conn. Drevenstedt, Card and Wells, judges; W. J. Maher, secretary.
 Nov. 29-Dec. 2—Gastonia, N. C. Marshall, judge; S. S. Morris, secretary-treasurer.
 Nov. 29-Dec. 2—Cleburne, Tex. Savage, judge; G. E. Sears, secretary.
 Nov. 30-Dec. 3—Paterson, N. J. Drevenstadt, Davy, Stanton, Nixon and Anderson, judges; L. Thonnerieux, secretary.
 Nov. 30-Dec. 3—Taylorsville, Ill. Pierce, judge; Mrs. Laura B. Evans, secretary.
 Nov. 29-Dec. 3—Kansas City, Mo. Russell, Oke, Rhodes, Heimlich, Hale, Thompson, Southard, Roberts, Palmer, Pickett and Ewald, judges; T. E. Quisenberry, secretary, Columbia, Mo.
 Nov. 30-Dec. 3—Williamsport, Pa. Schwab and Wittman, judges; James T. Huston, sec'y.
 Nov. 30-Dec. 3—Wornersdorf, Pa. F. H. Davey, judge; Charles D. Lembach, secretary.
 Dec. 1-3—Glen Rock, Pa. Hoke and Eberly, judges; Allen M. Seitz, secretary, R. R. 2, New Freedom, Pa.
 Dec. 1-4—Arlington, Tex. Davis, judge; W. T. Thurman, secretary.
 Dec. 5-8—Whitesville, Mo. Branch, judge; J. F. Case, secretary.
 Dec. 5-8—Donnellson, Ia. Cooley, judge; H. G. Kirchner, secretary, R. R. 4.
 Dec. 5-9—Gnadenhatten, O. Falkner, judge; W. O. Lyle, secretary.
 Dec. 5-10—Ashtabula, O. Kummer, judge; E. R. McCune, secretary.
 Dec. 5-10—Mansfield, O. Lane, judge; Sherman Bowden, secretary.
 Dec. 5-10—Dowagiac, Mich. Keeler, judge; A. C. Robinson, secretary.
 Dec. 5-10—Morristown, N. J. Stanton, Heller and Nixon, judges; Lloyd B. Tredway, secretary, Chester, N. J.
 Dec. 5-10—Portland, Ore. Collier and Coates, judges; J. C. Murray, secretary, 1005 E. 14th St. North.
 Dec. 6-8—Milford, Mass. W. H. Pyne, secretary.
 Dec. 6-8—Bellows Falls, Vt. I. K. Felch, judge; A. T. Pierce, secretary.
 Dec. 6-9—Ithaca, Michigan. R. V. Otto, judge; E. J. McCall, secretary.
 Dec. 6-9—Richmond, Ind. Lane, judge; Frank L. Waidele, secretary, Richmond and West 7th Sts.
 Dec. 6-10—Alva, Okla. Dudley, judge; A. H. Bullis, secretary.
 Dec. 6-10—Athens, O. Pierce, judge; S. M. Johnson, secretary.
 Dec. 6-10—Reading, Pa. Edwards and Webb, judges; C. H. Glase, secretary, 1331 Perkins Ave.
 Dec. 6-10—Scottsdale, Pa. Charles T. Cornman, judge; W. G. Sherrick, secretary, Everson, Pa.
 Dec. 6-10—Norristown, Pa. Davey, Nevius and Poley, judges; George C. Whittam, secretary, 1529 Arch St.
 Dec. 7-10—Red Bank, N. J. Davey, Stanton and Minich, judges; P. J. Gislison, secretary.
 Dec. 7-10—Kirkville, Mo. Rhodes, judge; C. B. McClanahan, secretary.
 Dec. 7-10—Hydro, Okla. D. A. Stone, Wichita, Kans., judge; Mrs. Lulu Thralls, Hydro, Okla., secretary.
 Dec. 7-10—Medford, Okla. C. L. Bickerdike, secretary.
 Dec. 7-12—LaCrosse, Wis. Hoffman, judge; Joseph H. Pehling, secretary.
 Dec. 7-12—Rochester, Minn. Holden and Whitney, judges; D. L. Williams, secretary.
 Dec. 8-12—Asheville, N. C. Drevenstedt, judge; Dr. Charles Beers, secretary.
 Dec. 8-10—Guilford, Conn. Paul P. Ives, secretary.
 Dec. 8-10—Apollon, Pa. Auerswald, judge; George L. Rudolf, secretary, Box 117.
 Dec. 8-14—Chicago, Ill. Theodore Hewes, secretary, Indianapolis, Ind.
 Dec. 10—Gadsden, Ala. Marshall, judge; J. C. Greene, secretary.
 Dec. 12-15—Lincoln, Ill. McCord, judge; William Corwine, secretary.
 Dec. 12-16—Sioux Falls, S. D. Keeler, judge; L. G. Granger, secretary.
 Dec. 12-16—Princeton, Ill. Rapp, judge; Walter Asche, secretary.
 Dec. 12-16—Parkers Landing, Pa. Andrews, judge; J. S. Brady, secretary.
 Dec. 12-16—West Point, Neb. McClaskey, judge; Rudolph Brazda, secretary.

Victory for Bleakley's Buff Rocks

At America's greatest show. Send for my free catalogue which explains all. **J. J. Bleakley**, R. 3, Box B, Abilene, Kansas. Life Member A. P. A. State Vice President Buff Rock Club.

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashtabula, Ohio.

S. C. BUFF ORPINGTONS

Eggs for hatching now half price, \$1 for 15; \$3 for 50.

H. Brevoort Zabriskie, 18 Elm St., Woburn, Mass.

PATENTS Books free. Rates reasonable. Highest references. Best services. **I PROCURE PATENTS THAT PROTECT.** **Watson E. Coleman**, Patent Lawyer, Washington, D. C.

CAPONIZING INSTRUMENTS Milk Fever Outfits, Dehorners, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04, Chicago, '93. Illustrated cat. free. **Hausmann & Dunn Co.**, 392 S. Clark, Chicago

HEWES' FARM BLACK LANGSHANS

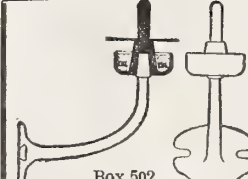
Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

R. A. HEWES : : **CRETE, ILL.**

THE BEST REDS IN AMERICA

are owned and bred by

Maltbie & Shelley, Geneva, O.
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Potter Perch Support
 Best on the market
 25c pair, \$1.40 doz.
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The Potter Mfg. Co.
 Sound Beach, Conn.

Feed Cut Roots

To Poultry and get more eggs in summer and winter at less cost. The Banner Root Cutter cuts fast and runs easiest. Leaves feed in ribbon-like strips that prevent choking, so chicks can eat safely. Adjustable steel knives. Iron grate allows dirt and gravel to escape before reaching knives. The

Banner Root Cutter No. 7

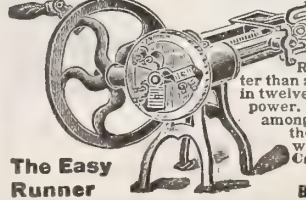
is low-priced, nicely finished and mechanically perfect. 2 to 5 minutes and you have enough feed for a flock. You need a Banner. Write now for facts and low price.

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 Ypsilanti, Mich.

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The Leading Bone Cutter

Cuts fast and fine. Handles big chunks as well as little pieces. True automatic feed, no choking, cuts bone across grain.



Try it 10 Days FREE
 Return if not better than any other. Made in twelve sizes, hand and power. First choice among poultrymen—the cutter that always makes good. Catalogue Free.
STANDARD BONE CUTTER CO.
 Milford, Mass.


The Easy Runner

FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 31 heights of farm and poultry fence. Catalog Free.

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Box 82 Winchester, Indiana.

GREATEST NET PROFITS



ARE MADE IN THE LAND OF MANATEE ON THE WEST COAST OF FLORIDA, GROWING ORANGES, GRAPEFRUIT AND VEGETABLES.

Highest prices secured in Northern and Eastern Markets. Quick transportation—low freight rates via S. A. L. Ry. Cheap lands—ideal climate—two and three crops a year—\$500 to \$1500 net per acre. People who locate here are satisfied. Write for free illustrated booklet. Address: J. W. WHITE, GEN'L INDUSTRIAL AGENT, SEABOARD AIR LINE RY. DEPT. X NORFOLK, VA.

Lost Feathers

Feathers on the ground and dropping from sleepy, droopy, half-sick hens—that's moulting time, when egg production usually ceases.

Mr. Poultryman, its now up to you to restore the weakened hens to normal vigor and put them in proper trim for a large egg yield through the coming winter. Give them each morning



DR. HESS Poultry PAN-A-CE-A

in the warm mess. It vitalizes and "tones" the drooping bodies, aids digestion and carries off the clogging poisons that weaken and debilitate the hen. Thus it shortens the moulting season and hastens the return of productivity. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D.V.S.). It makes hens lay, market fowls fat, chicks grow fast and also wards off all poultry diseases. Endorsed by leading poultrymen and sold on a written guarantee.

Costs a penny a day for 30 fowls.

1½ lbs., 25c., mail or express, 40c.; 5 lbs., 60c.; 12 lbs., \$1.25; 25 lb. pail, \$2.50.

Send 2c. for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK,
ASHLAND, OHIO

Instant Louse Killer
Kills Lice.

- Dec. 12-16—Fremont, Neb. Shellabarger, judge; Charles W. Mulloy, secretary.
- Dec. 12-16—Iowa Falls, Iowa. U. J. Shanklin, judge; H. S. Dixon, secretary.
- Dec. 12-17—Williamstown, W. Va. Bean, judge; W. P. Miller, secretary.
- Dec. 12-17—Easton, Pa. Drenstedt and Webb, judges; S. W. Godley, secretary.
- Dec. 12-17—Meridian, Miss. Hutchison, judge; F. R. Ziller, secretary.
- Dec. 12-17—Genoa, O. Emch, judge; C. F. Coleman, secretary.
- Dec. 12-17—Jamestown, N. Y. Burgott and Denny, judges; A. J. Hammerstrom, secretary.
- 627 English St.
- Dec. 12-17—Colorado Springs, Col. D. T. Heimlich, judge; H. H. Chase, secretary.
- Dec. 13-16—Smithfield, W. Va. Sites, judge; F. E. Funk, secretary.
- Dec. 13-16—Middletown, Conn. Bunnell, Shove and Coolidge, judges; Charles L. Fisk, sec'y.
- Dec. 13-16—Hannibal, Mo. Johnston, judge; W. S. Hoke, secretary.
- Dec. 13-16—Richland, Ia. Dagle, judge; J. W. Allen, secretary.
- Dec. 13-16—Kingston, N. Y. B. C. Deyo, secretary, New Paltz, N. Y.
- Dec. 13-17—Philadelphia, Pa. C. Carroll Kempton, secretary.
- Dec. 13-17—Pine Bluff, Ark. Savage and Brown, judges; E. W. Phillips, secretary.
- Dec. 13-17—Lebanon, Pa. Corey and Eibel, judges; Samuel Black, secretary, 1121 Nudlin St.
- Dec. 13-17—Bucyrus, O. Heck, judge; D. M. Odaffer, secretary.
- Dec. 13-18—Wapakoneta, O. Case, judge; F. M. Bowers, secretary, 511 E. Pearl St.
- Dec. 14-17—LeGrand, Ia. Mills, judge; L. C. Knudson, secretary.
- Dec. 14-17—Cottage Grove, Ore. Collier, judge; W. C. Conner, secretary, Main and 4th Sts.
- Dec. 14-17—Clinton, Mo. Branch, judge; A. L. Armstrong, secretary.
- Dec. 14-17—Maryville, Mo. Thompson, judge; Joseph H. Saylor, secretary.
- Dec. 14-18—Wakeman, O. McClave, judge; C. M. McWhorter, secretary.
- Dec. 14-19—Fort Wayne, Ind. Kummer, judge; W. H. Didier, secretary.
- Dec. 14-19—Oconomowoc, Wis. Tucker, judge; Charles Behrend, Jr., secretary.
- Dec. 15-16—Pender, Neb. Mrs. H. E. Blattler, judge; R. Chow, secretary.
- Dec. 15-17—St. Charles, Ia. Todd, judge; J. M. Brown, secretary.
- Dec. 15-18—Beaver Dam, Wis. Keeler, judge; Otto J. Winning, secretary, 412 W. 3d St.
- Dec. 15-19—Green Bay, Wis. Campbell, judge; J. M. Franssens, secretary.
- Dec. 15-21—Holland, Mich. J. C. Clipp, judge; J. B. Hadden, secretary.
- Dec. 19-23—Bradford, Ill. Heimlich, judge; B. D. Phinx, secretary.
- Dec. 19-23—Shelby, Ohio. McClave, judge; W. O. Smith, secretary.
- Dec. 19-21—Charleston, Ill. J. J. Klein, judge; C. L. Carney, secretary.
- Dec. 19-24—Pueblo, Colo. F. C. Kay, secretary.
- Dec. 19-24—Weldon, Ill. Stanfield, judge; Dr. A. V. Foote, secretary, Box 29.
- Dec. 19-24—Aledo, Ill. Warnock, judge; Willard Ruse, secretary.
- Dec. 20-22—Bridgeport, Conn. George Seltsam, secretary, Sylvan Ave., R. D. 4.
- Dec. 20-23—Hutsonville, Ill. Shaw, judge; J. S. Walker, secretary, Palestine, Ill.
- Dec. 20-24—Austin, Minn. Ott, judge; Alfred A. Ziemer, secretary.
- Dec. 20-24—Maquoketa, Ia. Shellabarger, judge; N. J. Rankin, secretary.
- Dec. 20-24—Salem, Mich. Otto, judge; F. W. Roberts, secretary.
- Dec. 20-24—Schwenksville, Pa. F. H. Davey, judge; S. R. Crom, secretary.
- Dec. 23-Jan. 1—McKeesport, Pa. Kummer and Keeler, judges; W. N. Soles, secretary.
- 211½ Fifth Ave.
- Dec. 26-29—Newton, Ill. Chas. McClave, judge; Floyd Clark, secretary.
- Dec. 26-31—South Bend, Ind. T. E. Hans, secretary.
- Dec. 26-31—Twin Falls, Idaho. Elmer Dixon, judge; O. W. Dougherty, secretary.
- Dec. 26-31—Parsons, Kans. Shellabarger, judge; A. E. Blaker, secretary.
- Dec. 26-31—Columbia, Pa. Davey, judge; M. S. Gohn, secretary.
- Dec. 26-31—East Liverpool, O. Kummer, judge; J. F. Grosccross, secretary, 633½ Dresden Ave.
- Dec. 26-31—Havana, Ill. Heimlich, judge; Benjamin L. McFadden, secretary.
- Dec. 26-31—Lansing, Mich. Tucker and Wise, judges; J. A. Turner, secretary.
- Dec. 26-31—Huntington, W. Va. Northup, judge; C. P. Sanborn, secretary.
- Dec. 26-31—Geneseo, Ill. Ott, judge; Matthew O'Connell, secretary.
- Dec. 27-30—Barre, Vt. Card, judge; R. S. Currier, secretary.
- Dec. 28-30—Freeport, Me. Watson, Ballou, Atherton and Bartlett, judges; George P. Coffin, secretary.
- Dec. 27-31—Lititz, Pa. Cornman and Corey, judges; James H. Breitigan, secretary.
- Dec. 27-Jan. 2—Salina, Kas. Clipp, judge; Samuel E. Hoover, secretary.
- Dec. 28-30—Charlotte, N. C. Brace and Simmons, judges; C. W. Best, secretary.
- Dec. 28-31—Montpelier, O. McClave, judge; Will Welch, secretary.
- Dec. 28-31—Vicksburg, Mich. Tucker, judge; C. A. Morse, secretary.
- Dec. 29-Jan. 2—Kiel, Wis. Campbell, judge; M. J. Wirth, secretary.
- Dec. 29-Jan. 2—Toronto, Ont., Can. F. T. Saunders, secretary, 18 Toronto St.
- Dec. 31-Jan. 5—Jackson, Mich. Schwab and Traviss, judges; W. O. Wellman, secretary.
- Jan. 2-6—Kendallville, Ind. Chas. McClave, judge; G. M. Patterson, secretary.
- Jan. 2-7—Coshocton, Ohio. Chas. McClave, judge; Dr. Geo. M. Boone, secretary.
- Jan. 2-7—Spokane, Wash. Warnock and Norton, judges; H. J. Fuller, secretary.
- Jan. 2-7—Grand Ledge, Mich. Otto, judge; W. G. Shaw, secretary.
- Jan. 2-7—Springfield, Ill. O. L. McCord, secretary.
- Jan. 2-7—Topeka, Kas. Tompkins, Smith, Rhodes, Branch, Byers, Roberts and Palmer, judges; E. W. Rankin, secretary.
- Jan. 2-7—Polo, Ill. Russell, judge; Frank Niman, secretary.
- Jan. 2-7—New Castle, Pa. Jaquins, judge; C. L. Carson, secretary, 75 E. North St.
- Jan. 2-9—Gowrie, Ia. C. H. Rhodes, judge; S. R. E. Anderson, secretary.
- Jan. 3-6—Ft. Madison, Ia. Ellison, judge; Albert M. King, secretary, West Point, Ia.
- Jan. 3-6—Springfield, Mass. Weed, Card and Ballou, judges; E. P. Tilton, secretary.
- Jan. 3-7—Attica, O. Cram, judge; J. Hobart Sutton, secretary.
- Jan. 3-7—Baltimore, Md. George O. Brown, secretary, 2027 E. North Ave.
- Jan. 3-7—Elmore, O. Feil, judge; George A. Neis, secretary.
- Jan. 3-7—Mountain Grove, Mo. Emry, judge; E. J. Greene, secretary; J. M. Cassil, assistant secretary.
- Jan. 4-7—San Diego, Cal. A. Eldridge, secretary, 764 Newton Ave.
- Jan. 4-7—Fort Morgan, Col. Hewes, judge; R. J. Nothwehr, secretary.
- Jan. 4-8—Elyria, O. Falkner, judge; A. J. Laundon, secretary, 114 Cheapside.
- Jan. 5-12—Mankato, Minn. Holden, judge; Fred O. True, secretary.
- Jan. 6-13—Waukegan, Ill. T. B. Gleave, secretary.
- Jan. 9-13—Lebanon, Ind. Zike, judge; Frank B. Wooley, secretary.
- Jan. 9-13—Mineral Pt., Wis. Jas. A. Tucker, judge; Allen Tucker, secretary.
- Jan. 9-13—Decatur, Ill. Klem and Johnston, judge; Wilbur G. Watt, secretary.
- Jan. 9-14—Monmouth, Ill. G. D. McClaskey, judge; S. L. Hamilton, secretary.
- Jan. 9-14—Kalamazoo, Mich. F. H. Shellabarger and W. E. Stanfield, judges; E. W. Hough, secretary.
- Jan. 9-14—Charleston, W. Va. Sites, judge; Elijah Steen, secretary, 307 Penn Ave.
- Jan. 9-14—Wichita, Kans. Thompson, Johnston and Stoner, judges; Thos. Owen, secretary.
- Jan. 9-14—Salt Lake City, Utah. Heimlich, judge; C. J. Sander, secretary, 3335 So. 7th St. East.
- Jan. 9-14—Columbus, Ind. Corey, judge; H. K. Voland, secretary.
- Jan. 8-14—Galveston, Ind. Pickett, judge; Harry Gray, secretary, R. R. 13.
- Jan. 9-14—Sullivan, Ill. Rapp, judge; J. L. McPherson, secretary.
- Jan. 9-14—Rochester, N. Y. Maunder, Webb, Stanton, Cornish, Brace and Brown, judges; F. A. Newman, secretary, Box 472.
- Jan. 9-14—Beloit, Wis. McClave and Hackett, judges; Geo. A. Miller, secretary, R. D. 28.
- Jan. 9-14—Altoona, Pa. Cornman and Ewald, judges; J. L. Wertberger, secretary, 1322 10th Ave.
- Jan. 9-15—Atlanta, Ga. Emry and Marshall, judges; C. O. Harwell, secretary, 113 N. Pryor St.
- Jan. 10-12—Spartanburg, S. C. Brown and Owen, judges; C. W. Anderson, secretary, 133 Magnolia St.
- Jan. 10-13—New London, Ia. Shanklin, judge; A. M. Cornwell, secretary.
- Jan. 10-13—Platteville, Wis. S. B. Mill, Ames, Iowa, judge; Henry Pargman, Platteville, Wis., secretary.
- Jan. 10-14—Aurora, Ill. Rountree, judge; Herman Moser, secretary.
- Jan. 10-14—Boston, Mass. W. B. Atherton, secretary, 30 Broad St.
- Jan. 10-14—Dalton, Mass. Felch and Tasker, judges; W. H. Griswold, secretary.

Jan. 10-14—Norwalk, O. Charles O. Jackson, secretary.
 Jan. 10-14—Washington, N. J. William H. Cyphers, secretary.
 Jan. 10-15—Independence, Kans. D. R. Kinkead, secretary.
 Jan. 11-14—Richmond, Va. Simmons, judge; W. R. Todd, secretary, 426 N. 6th St.
 Jan. 11-14—Junction Park, Beaver, Pa. A. F. Kummer, judge; J. Mays Ecoff, secretary.
 Jan. 11-14—Fairmont, W. Va. L. C. Taylor, judge; C. E. Smith, secretary.
 Jan. 11-15—Milwaukee, Wis. Keller, Heyl and McCauley, judges; Theodore Koss, secretary.
 Jan. 11-15—Evanston, Pa. Gault, judge; J. F. McFarland, secretary.
 Jan. 11-17—Minneapolis, Minn. Holden, Rhodes and Roberts, judges; Charles O. Johnson, secretary, 4201 No. Colfax Ave.
 Jan. 12-14—Rutherford, N. J. F. A. Minnerly, secretary.
 Jan. 13-14—Downers Grove, Ill. Shellabarger, judge; A. B. Snow, secretary.
 Jan. 16-20—Grand Rapids, Mich. Tucker, Wise and Otto, judges; W. L. Kupps, secretary, 42 Will St.
 Jan. 16-20—Lincoln, Neb. Rhodes, Johnson and Southard, judges; A. H. Smith, secretary.
 Jan. 16-20—Utica, N. Y. J. D. Jaquis, judge; E. W. Blatsford, secretary.
 Jan. 16-21—Dixon, Ill. McClave, judge; A. G. Hill, secretary.
 Jan. 16-21—Franklin, Ind. B. Myers, judge; Walter B. Fanner, secretary.
 Jan. 16-21—Mt. Vernon, O. Felch, judge; Luther A. Stream, secretary.
 Jan. 16-21—Scranton, Pa. Denny McGrew, Mosher, Wittman, Alden, Barber and Stanton, judges; C. W. Payne, secretary, 140 Washington Ave.
 Jan. 16-21—Janesville, Wis. Heimlich, judge; F. J. Holt, secretary.
 Jan. 17-20—North Adams, Mass. Tasher, Weed, judges; C. A. Larabee, secretary.
 Jan. 17-20—Attica, Ind. Zike, judge; W. R. Gilmore, secretary.
 Jan. 17-20—Winsted, Conn. Corey, Welles, judges; L. P. Capwell, Secretary, 72 Hinsdale Ave.
 Jan. 17-20—Leavenworth, Kans. Branch, Palmer, judges; Fred T. Nye, secretary.
 Jan. 17-20—Stevens Point, Wis. Frank J. Blood, secretary.
 Jan. 17-21—Huntington, Ind. Campbell, judge; Herbert Zahn, secretary.
 Jan. 17-21—Van Wert, Ohio. Shaner, judge; L. C. Blake, secretary.
 Jan. 17-21—Logansport, Ind. Campbell, judge; Wm. Grace, Jr., secretary, 316 Market St.
 Jan. 17-22—Michigan City, Ind. McClave, judge; A. L. Peterson, secretary, 409 Earl road.
 Jan. 18-21—Port Huron, Mich. Wise, Coburn, judges; Robt. S. Taylor, secretary.
 Jan. 18-21—Belton, Mo. Ben Huber, secretary.
 Jan. 18-21—Blue Island, Ill. Frank Heck, L. A. Jansen, judges; A. W. Doermann, secretary.
 Jan. 18-21—Knoxville, Tenn. Emry, judge; John E. Jennings, secretary, 621 N. Central Ave.
 Jan. 18-23—Bloomington, Ill. Pierce, judge; Frank Peitsch, secretary.
 Jan. 22-28—Bay City, Mich. Hathaway, judge.
 Jan. 22-29—Buffalo, N. Y. Dr. Stanley A. Merkley, secretary.
 Jan. 23-27—Cadillac, Mich. Ray Otto, judge; C. A. Saunders, secretary.
 Jan. 23-27—New Hampton, Iowa. Shanklin, judge; J. C. Mueller, secretary.
 Jan. 23-27—New Berlin, N. Y. Jaquins, judge; R. F. Talbot, secretary.
 Jan. 23-28—Casey, Ill. Keeler, judge; John S. Elder, secretary.
 Jan. 23-28—Goshen, Ind. J. W. Mullinix, judge; H. E. Kratz, secretary.
 Jan. 23-29—Danville, Ind. Lane, judge; Wilbur Hadley, secretary.
 Jan. 24-26—Bristol, Vt. Shove, judge; Geo. S. Farr, secretary.
 Jan. 25-28—La Porte, Ind. Chas. Keeler, judge; J. Osburn Brink, secretary.
 Jan. 25-29—Mendota, Ill. O. L. McCord, judge; Edw. Brown, secretary.
 Jan. 25-Feb. 1—Detroit, Mich. Tucker, Marshall, Wise, judges; J. A. Turner, secretary, 703 Seymann St., Lansing, Mich.
 Jan. 26-28—Houghton, Mich. Traviss, judge; John T. McNamara, secretary.
 Jan. 26-31—Marietta, Ohio. Pierce, judge; Fred C. Snodgrass, secretary.
 Jan. 27-Feb. 1—Kenosha, Wis. Hale, judge; E. J. Huber, secretary.
 Jan. 31-Feb. 4—Mt. Vernon, Ind. Heimlich, judge; John A. Schenk, secretary, Box 8.
 Jan. 30-Feb. 4—Monticello, Ind. Northup, Hanawalt, judges; Thos. A. Roth, secretary.
 Jan. 31-Feb. 4—Wooster, Ohio. McClave, judge; Arthur H. Smith, secretary, 8 Columbus Ave.
 Feb. 8-13—Fond du Lac, Wis. Tucker, judge; E. R. Zamzow, secretary.
 Feb. 9-11—Moncton, N. B., Canada. Geo. Robertson, judge; Geo. H. Seamann, secretary.

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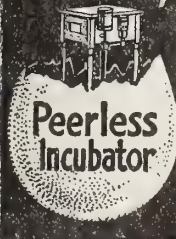
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300 S. C. WHITE Leghorn cockerels. "Quality Kind." Price right. Booking orders for baby chix. Jas. H. Robey, Fairfield, Ill. 9-3

SINGLE COMB WHITE Leghorn cockerels. from 196-egg strain, very good sized, blue white quills, scoring 94 to 96. George W. Wolfrum, Carey, Ohio. 9-3

FINE S. C. WHITE Leghorn Cockerels for sale cheap. Curt Garrison, Fairfield, Ill. 8-3

LEGHORNS.

SINGLE COMB BROWN Leghorn Cockerels, \$2.00 each; 3 for \$5.00. Pure, vigorous and heavy laying stock. Homestead Poultry Farms, Belmont, Montana. 8-3

ORPINGTONS.

CRYSTAL WHITE ORPINGTON cockerels from \$100.00 pen direct from Kellerstrass. Great bargain! Also 500 S. C. Buffs. Alice Morris, Big Rock, Ill. 10-3

FOR SALE—100 good S. C. White Orpington cockerels, Cook and Kellerstrass strains, \$2 to \$5 each. W. B. Myers, Wayne City, Ill. 10-12-1

S. C. W. ORPINGTON cockerels; large, thoroughbred, specially fed. Eggs, \$3.00 per 15, until 1911. Hill Side Poultry Plant, 909 N. Walnut St., Champaign, Ill. 10-3

CRYSTAL WHITE ORPINGTON cockerels for sale, \$5.00 up, March, April hatched. Chas. McWhorter, Wakarusa, Mo. 10-3

VERY CLASSY Single Comb Golden Buff and Crystal White Orpingtons. Yearlings and young stock. Won thirty prizes in 1909. J. L. McDavid, Hillsboro, Ill. 10-3

S. C. BUFF ORPINGTONS. Bred from stock direct from Cook & Sons. Cockerels and pullets, \$1.50 each. Mrs. J. E. Grinstead, Route 3, Danville, Iowa. 10-3

SINGLE COMB BLACK ORPINGTON cockerels. Prices reasonable. C. N. Hambleton, Jeffersonville, Ill. 10-3

75 SINGLE COMB White Orpington cockerels, Kellerstrass strain. These big robust fellows need to be seen to be appreciated. Farm raised. Prices reasonable. John S. Leach, Hartford City, Ind. 10-3

KELLERSTRASS STRAIN White Orpington cockerels, early hatched, \$2.00 to \$5.00. Frank Warwick, Waterloo, N. Y. 10-3

SINGLE COMB WHITE ORPINGTON cockerels, four months old, \$1.50 each. The Hammett Orpington Farm, Chas. Hammett, Manager, Mansfield, Ohio. 10-1

WHITE ORPINGTONS OF QUALITY. Winners of 11 firsts and 2 cups. Young stock for sale. Write your wants. Sheldon Wolf, Washington, Pa. 10-3

KELLERSTRASS STRAIN, WHITE ORPINGTONS. Trios, \$10.00, \$15.00 and \$20.00. Thos. Brogden, Rush Lake, Wis. 10-1

FOR SALE—200 S. C. Buff Orpington cockerels, \$1.50 apiece, or \$16.00 a dozen. Some of these are stock from a sire whose grand sire was sold for \$150.00. All April hatched. Mrs. Wm. Swanson, Genoa, Ill. 10-1

SPECIAL SALE—KELLERSTRASS White Orpington cockerels. Five dollars each. Satisfaction guaranteed. Edward Buss, Janesville, Wis. 10-3

KELLERSTRASS STRAIN WHITE ORPINGTON cockerels, Fine stock. J. Kirk, Old Fort, Ohio. 10-1

SINGLE COMB WHITE ORPINGTON cockerels \$2. upward. White Feather Farm, New Bremen, O. 10-3

CRYSTAL WHITE ORPINGTON Cockerels, Kellerstrass Strain, \$2.00 up. Eggs booked for spring, 10c each. Clayton Williams, Andover, N. Y. 10-1

KELLERSTRASS WHITE ORPINGTONS. Young stock for sale. Write your wants and I will try to please you. Shadyside Poultry Farm, Henry J. Moore, R. D. 1, Waynesburg, Pa. 10-3

SINGLE COMB BUFF ORPINGTONS. Early hatched, farm raised pullets; beauties. Stock always gives satisfaction. \$1.25. Overstocked. Mrs. U. Butler, New Richmond, Ohio. 10-3

ORPINGTONS. 300 WHITE AND BUFF S. C. Orpington cockerels, to dispose of before winter, at very low prices. See particulars in display advertisement in this issue. Also a few very high class Black Orpington yearling cockers. Send for cockerel circular. Grannis Brothers, R. F. D. 12, La Grangeville, Dutchess County, New York. 1-10-1yr

KELLERSTRASS STRAIN WHITE ORPINGTONS. We have for sale cockerels, pullets and some yearling hens bred from Kellerstrass famous pen of thirty hens. If you want a fine Kellerstrass cockerel to head your best pen I can please you. T. E. Lockbridge, Liberty, Ind. 10-3

S. C. BUFF ORPINGTON cockerels bred from stock direct from Cook, \$3.00 and \$4.00 each. Frank Myers, Oakwood, Ohio. 9-4

WANTED—WHITE AND BLACK Orpington hens and pullets. Fully described and price first letter. Size, color, legs, eyes. Must be bargain. Buckeye Poultry Co., 250 West 9th Ave., Columbus, Ohio. 9-3

FOR SALE—S. C. BUFF Orpingtons, Cook strain direct; 100 choice hens, \$2 each; 10 fine cocks, \$3 and \$5 each; 100 cockerels and pullets, \$2 each. B. S. Long, Little Sioux, Ia. 8-3

KELLERSTRASS WHITE ORPINGTONS must be sold at once, prices very reasonable. Walter Steidinger, R. 1, Box 5, Forrest, Ill. 9-3

SINGLE COMB BUFF and White Orpingtons, Cook strain, \$1.50 up. M. C. Jester, Cannonsville, N. Y. 9-3

KELLERSTRASS STRAIN WHITE ORPINGTONS, choice stock. Oak Grove Farm, Box. A, R. 34, Peoria, Ill. 9-3

KELLERSTRASS ORPINGTONS. Fred Alger, Waukau, Wis. 9-3

S. C. WHITE ORPINGTONS, Cook strain, cockerels, \$2 and \$3 each. Fred Haynes, Cannonsville, N. Y. 9-3

TO MAKE ROOM, at bargain prices; February and March White and Black Orpington Cockerels. W. H. Van Arum, Sub. P. O. No. 1, Victoria, B. C. 8-3

BUFF, BLACK AND WHITE ORPINGTONS—500 young birds. Best strains. Special price list free. W. G. Taylor, Orleans, Ind. 8-3

SINGLE COMB BUFF, BLACK, White and Rose Comb Whites. Big bargains in breeding stock. Some excellent youngsters for sale. Dr. Evans, LeGrand, Iowa. 8-3

SINGLE COMB WHITE ORPINGTONS—Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

SPECIAL PRICE on White Orpington eggs from eight select pens. No better to be found. See display ad on another page. Brookdale Farm, Hillsdale, Mich. 5-10-1f

FOR THE BEST ORPINGTONS, all varieties, you must send to their originators. Send 6c for illustrated catalogue. William Cook & Sons, Box A, Scotch Plains, New Jersey. 5-09-1f

RHODE ISLAND REDS.

TEN TO FIFTEEN DOLLARS DOZEN Rhode Island Red Females. Cooperative Poultry Co., Lewistown, Ill. 10-3

SINGLE COMB Rhode Island Red cockerels for sale from silver cup winners. Prices reasonable. Wm. Ginn, Delphi, Ind. 10-3

S. C. RHODE ISLAND REDS. March cockerels, \$1.50 to \$2.00. From prize winning strain. Mrs. Lorrinda B. Hyde, Marshfield, Mo. 10-3

DeGRAFF REDS—BIG, LUSTY, free-range-raised stock. Also Brown and White Leghorns, Plymouth Rocks, Pekin Ducks. Exhibition quality. Low price. Satisfaction guaranteed. Bargain circular. Jay Crawford, Frazeysburg, Ohio. 10-3

SINGLE COMB RHODE ISLAND RED cocks, hens, cockerels. Fine stock. Prices reasonable. L. D. Hopkins, Big Suanico, Wis. 10-3

DUTCHER'S S. C. RHODE ISLAND REDS. 2,000 pullets, hatched February and March, now laying and will lay throughout fall and winter months. Utility birds for sale; prices reasonable, quality considered. "It pays to buy the best." Maplecroft Farms, J. G. Dutcher and H. D. Warner, Mgrs., Pawling, N. Y. 10-2

I HAVE THE MOST BEAUTIFUL lot of early hatched Single Comb Red cockerels this season I have ever raised, and to close them out quickly I will sell at Two to Five dollars each. Remit amount you wish to pay and I will please you. No pullets. Harry R. Crane, President, Illinois Branch National Single Comb Red Club, Grafton, Ill. 10-2

I HAVE A NICE LOT of Crane's high class Single Comb Reds, both males and females, for sale at reasonable prices. Mrs. C. R. Allemang, Grafton, Ill. 10-2

COCKERELS—SINGLE COMB, \$1.50. Martin Poultry Farm, Rheems, Pa. 10-1

ROSE AND SINGLE COMB Rhode Island Reds, Tuttle, Tompkins and Caswell strains. Palmer, 1132 Forest Avenue, Wilmette, Ill. 9-3

ROSE AND SINGLE COMB Red Pullets and Cockerels. Better than ever. "Pure Tompkins strain." Dr. W. C. Bradshaw, Ogden, Iowa. 8-3

SINGLE COMB RHODE ISLAND RED cockerels and pullets. Golden Wyandotte cockerels. Red and Black Tumbler pigeons. H. M. Wells, Caldwell, Ohio. 9-3

NO BETTER REDS THAN OURS. Rose or single comb. We are selling young and old stock at moderate prices. Ours are the egg laying, prize winning kind, and genuine Reds. Bixby and Bixby, Council Bluffs, Ia. 9-3

CORNISHQUALITY Reds are the world's best Reds. Satisfaction guaranteed. Advertisement inside front cover. 5-10-1f

AMERICAN DOMINQUES.

AMERICAN DOMINQUES. AT NEW YORK. December, 1909, our birds won four of the five first prizes offered. Stock for sale. Price list free. William Davenport, Colrain, Mass. 10-3

MINORCAS.

FOR SALE—SINGLE COMB Black Minorcas from trapped hens and of the great egg producing Bluegrass strain. R. S. Oetzel, New Richmond, Ohio. 10-3

ROSE COMB WHITE MINORCAS. Thos. Brogden, Rush Lake, Wis. 10-1

FOR SALE—March and April hatched Single Comb Black Minorca cockerels and pullets. Bred from prize winners. Satisfaction guaranteed. Gus. Steffen, Bismarck, Mo. 10-3

ROSE COMB BLACK MINORCAS exclusively, Northup, Sutton, Mishlers strains; 14 years breeding this one fowl exclusively. Will win in strongest competition. Insure satisfaction. Send for circular. J. D. Stevenson, Coshocton, Ohio. 9-4

ROSE COMB WHITE MINORCAS. Fred Alger, Waukau, Wis. 9-3

ANCONAS.

PRIZE-WINNING MOTTLED ANCONAS exclusively. Fine stock for sale in pairs, trios and pens, from the very best laying strains. Fairview Poultry Yards, G. H. Hubbard, Lock Haven, Pa. 10-3

ANCONA COCKERELS. Winning strain. High quality. Low price. P. E. Gregoire, Newton, Ill. 10-3

SHEPPARD'S FAMOUS ANCONAS, Berea, Ohio. The world's best. See display advertisement, second last page. 10-6

LANGSHANS.

WHITE LANGSHANS bred from the first prize cockerel of the Illinois State Show; scored 94½, by Rhodes. Both young and old stock for sale. Pairs, \$4; trios, \$5; pens of 5 hens and cock, \$10. Cedar Lawn, R. 2, Rutland, Ohio. 10-3

"PEERLESS" WHITE LANGSHANS. Special clearance sale, including high scoring exhibition birds at reduced prices. Kearns-Preston Poultry Plant, Ripley, Ohio. 10-1

"BLUE RIBBON" WHITE LANGSHAN cockerels from best breeding pen headed by Duke Delmo, \$1.50 each; great bargain. George L. Gebhardt, Pleasantville, Ohio. 9-3

HOUDANS.

HOUDANS—Some dark cockerels from McAvoy's No. 1 Pen, for which I paid him \$25.00 a setting. They are dark, long backed, vigorous show birds and will please most exacting. R. A. Church, Seneca Farm, Lock Box 258, Davenport, Iowa. 10-3

PINKNEY HOUDANS. EXHIBITION, utility and old stock. Write for prices. Mrs. E. A. Trueblood, R. 9, Box 17, Salem, Ind. 10-1

MY HOUDANS ARE CHAMPIONS of the show-room. Winning more firsts and specials at Cleveland, Pittsburg, Columbus and Toledo, than all competitors. Unexcelled as layers. Breeders and exhibition stock for sale. Catalog free. Scott Clark, Sullivan, Ohio. 9-3

HOUDANS. WINNERS at Minneapolis and Chicago for several years in succession. Good ones for sale. H. M. Sparboe, Webster City, Iowa. 9-3

YOUNG HOUDANS of quality, large crests, perfect toes, etc., \$5.00 per pair. Ridge View Farm, Knowlesville, N. Y. 8-3

HAMBURGS.

SILVER SPANGLED HAMBURGS. "Black Diamond" strain. Two firsts at Madison Square. More firsts at Columbus, Mansfield, Greenwich, Detroit than all competitors. Show birds. Breeders. Circular. Will L. Clark, Sullivan, Ohio. 10-3

SILVER SPANGLED HAMBURG cockerels, \$1.00 each. Frank Heilman, North Judson, Ind. 9-2

HAMBURG, youngsters that can win the Blue for you in Golden Penciled, Golden and Silver Spangled. Ridge View Farm, Knowlesville, N. Y. 8-3

COCHINS.

HIGH GRADE Partridge Cochins exclusively, \$1.00, up. E. C. Jolly, Franklin, Ill. 9-4

BANTAMS.

FOR SALE—Well marked and highly bred black tailed Japanese bantams. Two cockerels and four hens, two pullets, \$5.00 for the lot. 1028 Andrus Bldg., Minneapolis, Minn. 10-1

BUFF COCHIN BANTAMS at greatly reduced prices. Kearns-Preston Poultry Plant, Ripley, Ohio. 10-1

EXHIBITION JAPANESE BANTAMS. Black Tails White, Black, Golden Seabrights. Stock for sale. Hez. Kinter, Dillsburg, Pa. 10-3

BLACK, BUFF, WHITE and Partridge Cochins Bantams. Walter Schafer, Mt. Pulaski, Ill. 9-3

BANTAMS.

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr.

RARE BARGAINS IN GOLDEN and Silver Sebright, Buff and Black Cochins Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 8-10-1 yr

BUFF COCHIN BANTAMS at greatly reduced prices. Kearns-Preston Poultry Plant, Ripley, Ohio. 9-1

BANTAMS. Early hatched show birds, in Black Breasted Reds, Brown Reds, Buff Cochins, and Japanese Silkies. Ridge View Farm, Knowlesville, N. Y. 8-3

BEARDED WHITE POLISH BANTAMS, all firsts New York. Sebrights, Booted, Cochins, Silkies. Exhibition stock ready. Hugh A. Rose, Welland, Canada. 8-3

SPANISH.

WHITE FACE BLACK SPANISH cockerels, \$1.50 each. Winnie White, Watson, R. R. 1, Illinois. 9-3

POLISH.

POLISH, some choice youngsters in White Crested Black, Buff Laced, Bearded Golden and Silver Polish. Ridge View Farm, Knowlesville, N. Y. 8-3

BUTTERCUPS.

H. V. MEEKER, TOLEDO, OHIO, has a carefully selected strain, special prices. 10-3

GAMES.

GAMES, GAFFS, COCKERS' SUPPLIES. Stamp for illustrated catalogue. H. P. Clarke, Mansure Building, Indianapolis, Ind. 9-10-1 yr

PIT GAMES—SIX STRAINS. The best that experience can produce—winners everywhere. Send for circulars. Also cockers supplies. W. C. Byard, Walnut Hills, Cincinnati, Ohio. 10-3

FINE IRISH RED and Red Pyle trios \$5.00. A. J. Tucker, Watseka, Ill. 10-1

SILVER, DUCKWINGS, BLACK, RED, Games. Choice birds for sale. Circular stamp. Clark C. Price, Rochester, Mich. 9-3

CORNISH FOWL.

CORNISH FOWL. YOUNGSTERS from my imported cock Stannator. Cir. free. R. D. Reider, Middletown, Penna. 9-3

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QUALITY CHICKS. Write wants. Also White Leghorn Cockerels. Catalogue free. Walnut Hill Hatchery, Macon, Mo. 8-3

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns, the hatched-right kind. Strong, vigorous chicks, that will grow. Incubator eggs a specialty. Free booklet. Address L. M. Headman, Upper Black Eddy, Pa. 3-8

BABY CHICKS—Thoroughbred Barred Rocks and White Leghorns. The hatched-right kind, strong, vigorous chicks that will grow. Incubator eggs a specialty. Free booklet. Address, L. M. Headman, Upper Black Eddy, Pa. 2-10-8 mos.

TURKEYS.

WHITE HOLLAND TURKEYS. Extra fine. Six hens and male. Make offer or write Ada Pratt, Box 408, Elgin, Ill. 10-1

WHITE HOLLAND TURKEYS. \$5.00 a pair. Winnie White, R. R. 1, Watson, Ill.

160 MAMMOTH BRONZE TURKEYS, raised from first and second toms at Chicago and Minneapolis. Have raised toms weighing to 48 pounds. Barred Plymouth Rocks raised from Chicago prize winners. Forde Bros., Mabel, Minn. 10-3

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 1032. 2-tf

DUCKS.

ONE TO ONE-FIFTY each Runner, Rouen, Pekin and wild Mallard ducks. Cooperative Poultry Co., Lewistown, Ill. 10-3

PEKIN AND INDIAN Runners for sale. Kearns-Preston Poultry Plant, Ripley, Ohio. 10-1

PEKIN AND INDIAN Runners. ¼ off during Sept. and Oct. Geo. A. Stoney, Eagle, Mich. 10-1

INDIAN RUNNER DUCKS—Trios, extra good breeders, \$7.00; choice, \$9.00. Our drakes have fawn head and tail. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 10-3

PRIZE WINNING STRAIN of heavy laying Indian Runner ducks from imported stock. Mated not akin. Oak Grove Farm. Box A., R. 34, Peoria, Ill. 9-3

YOUNG INDIAN RUNNER ducks from heavy laying strain, well matured, mated not akin. Duck and drake, \$2.00. Now ready to ship. Place order at once. C. J. Yoder, Grantsville, Md. 10-3

YOUNG INDIAN RUNNERS, from 280-egg strain, old enough to lay, at \$4.00 and \$5.00 per pair. Ridge View Farm, Knowlesville, N. Y. 8-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1 yr

FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1 yr

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PRIZE WINNING AFRICAN and Toulouse Geese. John Worley, Mercer, Pa. 10-3

EMBDEN GEESSE, \$3 each. Miles Funk, Route 5, Chambersburg, Pa. 10-3

SEVERAL BREEDS.

MARCH HATCHED BLACK JAVAS, 30 Single Comb Rhode Island Red cockerels, \$1.25 each, 5 or more one shipment, Tompkins strain. Herbert Hodgson, Albion, Ill. 10-1

COCKERELS, THOROUGHbred, BEAUTIES. DeGraft strain Rhode Island Reds. Kellerstrass strain White Orpingtons. Cook strain Buff Orpingtons, three dollars each. Silver Spangled Hamburgs two dollars each. E. M. Williams, Monticello, Kentucky. 10-3

PARTRIDGE WYANDOTTES, White and Black Cochins Bantams. Several males and females of each variety for sale. Good show birds ready now. F. H. Snyder, Wakeman, Ohio. 10-3

CHOICE LOT OF UTILITY Houdan and Single Comb Buff Leghorn cockerels, excellent breeding. Birds, best blood in America, \$1.50 each. Geo. C. Schwegman, Richmond, Indiana. 10-3

IF YOU WANT BREEDERS or exhibition birds that win in Barred and White Rocks, Single Comb Brown Leghorns and Pekin Ducks write W. I. Pfaff, Dix, Ill. 10-1

R. I. REDS, BROWN and White Leghorns, Plymouth Rocks, Pekin Ducks. Big, lusty, free-range-raised stock. Exhibition quality. Low price. Satisfaction guaranteed. Circular. Jay Crawford, Frazeyburg, Ohio. 10-3

BUFF ROCKS, ORPINGTONS, Single Comb White Leghorns, Black Langshans, Light Brahmas, \$1 up. Guy Neisler, Fillmore, Ill. 10-1

COCKERELS FOR SALE. Brown Leghorns, both combs; White Leghorns, S. C.; Buff Orpingtons, S. C. Price, \$1.00 up. G. B. Haskins, Wakeman, Ohio. 10-3

SINGLE COMB WHITE ORPINGTONS, Kellerstrass strain. White Wyandottes, White and Barred Rocks, Leghorns, Light Brahmas, and R. I. Reds, and Indian Runner Ducks. Utility, choice breeders and exhibition birds for sale at reasonable prices. Kinney I. Miller, Box T, Lancaster, Mo. 10-3

BARRED PLYMOUTH ROCKS. Black Cochins chickens and Angora goats for sale. Zepp and Son, St. Clair, Mo. 9-3

FOR SALE—BLACK LANGSHANS. Brown Leghorns, White and Silver Wyandottes, Buff Cochins Bantams and Colored Muscovy Ducks. Gus Norton, Union City, Mich. 9-4

JAPANESE, ROSE COMBS, Frizzles, Polish, Cochins, Silkies, Sultans. No Circular. M. Hurd, Marshall, Mich. 9-3

BUFF ORPINGTONS, Buff and Barred Rocks, fine stock, young and old, from prize winners. Write your wants. H. L. Ragsdale, Cherry Hill Poultry Yds., Centralia, Ill. 8-3

BUFF ROCKS, Toulouse Geese, Rouen, and Mallard ducks, old and young stock now ready. Show stock a specialty, address Edw. Davidson, Carey, O. 12-09-1f

INDIAN GAME and WYANDOTTE SPECIALIST, White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden, Partridge, Buff and Columbian Wyandottes. Catalogue and winnings. H. J. Hunt 3rd, Bethesda, Md. 12-09-1 yr

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PHEASANT FOOD—I manufacture a full line of foods for the successful raising of Pheasants, Wild Ducks, Turkeys, Grouse, Quail and Partridges. Don't make a failure again this year by using home-made or inferior foods. Use the foods I offer which are exactly the same as are used on my farm, the most successful game farm in this country. Wallace Evans Game Farm, Oak Park, Ill. 3-tf

PHEASANTS, Wild Ducks, Geese, etc. Write for prices. Wallace Evans Game Farm, Oak Park, Ill. 3-tf

RING NECK PHEASANTS.—Wanted young ring neck pheasants for early delivery, must be good, healthy stock. Can also use a limited number of old birds. State lowest price and number can furnish. W. B. Cain, 5744 Erie St., Chicago, Ill. 9-10-tf

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BELGIAN HARES. Best quality. Win and please everywhere. A. Ziegler, Box 81, Blippus, Ind. 10-3

BELGIAN HARES—Rufus Red and Pedigreed. Quality and prices right. L. W. Rosenkrans, M. D., Hallstead, Pa. 8-3

DO YOU WANT QUALITY in Rufus Red Belgian Hares? Jos. R. Counihan, Grandview St., Wheeling, W. Va. 3-10-1 yr

GET MY PRICES of Red and Black Belgian Hares and save money. Ray Rickard, Schoharie, N. Y. 7-2

FERRETS.

TRAINED FERRETS, small breed for hunting rats and rabbits; book and price list free. Levi Farnsworth, New London, Ohio. 11-tf

TRAINED FERRETS: ferret harness; muzzles; perforated sacks; rabbit net; ferret and pheasant books; catalogue free. Wallace & Son, Lucas, Ohio. 9-10-1 yr

FERRETS: FINEST STOCK in America; circular free. Nelsons Kennels, Grove City, Penna. 9-3

3000 WHITE AND BROWN Ferrets for sale, the right size for hunting rabbits and rats. C. E. Crow, New London, O., R. F. D. No. 3. 9-5

FERRETS, champion rat killers; also Poultry, Pigeons and Dogs. Catalogue, 2 cents. Missouri Squab Co., St. Louis, Mo. 8-3

PIGEONS.

FOR SALE—Loft of 50 Maltese Hen Pigeons, pure white, registered stock. Another lot of 50 White Homers, registered. Both pens bred for pleasure. Going away and will sacrifice. Hens \$2.50 per pair, and Homers \$1.00 per pair. 102S Andrus Bldg., Minneapolis, Minn. 10-1

PIGEONS?—Thousands of them, all known varieties. Prices free. Illustrated descriptive book tells all you want to know, one dime. Wm. A. Bartlett & Co., Box 13, Jacksonville, Ill. 3-tf

DOGS.

FOR SALE—2 Female pedigreed prize winning Yorkshire terriers, six months old and nicely marked. Will sacrifice at \$5.00 each account going away. 102S Andrus Bldg., Minneapolis, Minn. 10-1

COLLIE PUPPIES—Registered stock, \$5. Catalogue free. Failing Poultry Farm, La Fargeville, N. Y. 10-3

FOX TERRIER DOGS. Best ratters, pets and watch dogs on earth. Circular. W. G. Smith, 22 Moore Pl., Detroit, Mich. 10-3

BEAGLES, FOXHOUNDS, POINTERS. Collies. Pups and trained stock. Trial. Box 6, Codorus, Pa. 10-1

A LITTER OF QUALITY bred Collies now ready from "Bellfield's Queen," sire Pont Montey, fine markings, golden and silver sable, price right. W. E. Stanfield, Hillsdale, Mich. 6-10-tf

GUINEA PIGS.

GUINEA PIGS—Good assortment, farm raised Guinea pigs at 50c each. H. Colter, Rock Creek, Ohio. 9-3

MISCELLANEOUS.

PEDIGREED BELGIAN HARE, Collie Puppy and Leghorn. Catalogue free. Hare book, 5 cents. Failing Poultry Farm, La Fargeville, N. Y. 10-3

KEEP YOUR POULTRY ACCOUNTS in the Standard Poultry Account Book. 25c per copy postpaid. H. L. Breckman, Pub., Lombard, Ill. 10-6

ALBANY, OREGON. In the heart of the great Willamette Valley; richest portion of the North Pacific. For free printed matter, address Secretary Commercial Club, Albany, Oregon. 10-1

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OREGON INFORMATION—For authentic detailed information concerning fruit growing, dairying, general farming, manufacturing and business opportunities in any part of Oregon address Portland Commercial Club, Room 607, Portland, Ore. 10-1

MISCELLANEOUS.

SIMPLICITY POULTRY ACCOUNT BOOK classifies income and expenses. So ruled as to show at glance where losses, if any, occur, allowing better profits. Fifty cents postpaid. H. L. Engle, Box 87, Montclair, Colo. 10-3

FOR RENT—POULTRY PLANT completely equipped for chickens and ducks. Good brick dwelling, 8 rooms, hot water heat. Large new chicken house, modern construction, incubator, brooders, etc. Location, 35 miles north of Chicago. Address M, care American Poultry Journal. 10-1

BROTHER—Accidentally discovered root will cure both tobacco habit and indigestion. Gladly send particulars. John Stokes, Mohawk, Fla. 9-4

BENNETT'S POULTRY RECORD and Expense Book keeps daily account of eggs collected and sold, the opposite page for money spent and just what for. 25c. money back if not satisfied. Agents wanted. E. W. Bennett, Box 656L, New Britain, Conn. 9-3

PRINTING.

POULTRY PRINTING—The distinctive, business-getting kind. Samples free. Orvil Kiger, Brighton, Iowa. 10-3

1,000 FINE WHITE ENVELOPES, Letter Heads, Cards, Bill Heads, Shipping Tags, Statements, etc., \$1.20; 500 for 75c; 250 for 55c. Fine line of cuts to select from. Catalogue of cuts, samples free. West Park Printing Co., McKees Rocks, Pa. 10-3

PRINTING FOR POULTRYMEN, Stockmen, Everybody. Noteheads, envelopes, postcards, labels, cards, tags, 100 either 45c; 250, 80c; 500, \$1.25; 1000, \$2.00; postpaid. Neat circulars and catalogues our specialty. Finest engravings. Excellent workmanship. Elegant samples for stamp. Model Printing Company, Manchester, Iowa. 9-3

Printing for Poultrymen. Any standard cut of fowl used free of charge. Samples 10 cts. Fred A. Sotter, Box 86A, Douglassville, Pa. 8-6

WANTED.

WANTED—Twelve Single Comb Black Minorcas, April birds. E. A. Washburn, 4124 N. Avers Ave., Chicago, Ill. 10-1

WANTED—YOUNG GUINEA HENS, one pound each and over. Also Dresses, Squabs. Write for prices before selling. Homestead Squab & Poultry Co., Reading Terminal Market, Philadelphia. 10-3

WANTED TO BUY—Homer and Carneaux pigeons, also Hamburgs, English Red Caps and White Orpingtons in large or small lots. Name lowest price in first letter. Matthew Mertz, 907 W. 15th St., Des Moines, Ia. 9-10tf

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WILL SELL 140-egg Mandy Lee Incubator, good as new for \$15.00 cash. Cost \$22.00. Send remittance with order. Machine scarcely used. Congress Park Poultry Yards, Congress Park, Ill. 9-tf

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INCUBATORS AND BROODERS for sale cheap. Kearns-Preston Poultry Plant, Ripley, Ohio. 10-1

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For Sale at Less Than 50c on the Dollar

Fifteen 240-egg Trenton incubators as good as new, cost \$26.50 each. Will sacrifice for \$12.50 each, sold separately or in bulk. This bargain will not appear again. Order NOW!

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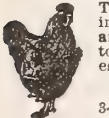
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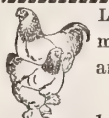
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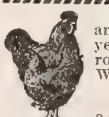
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1st PRIZES ON COCKERELS More by 20 per cent.

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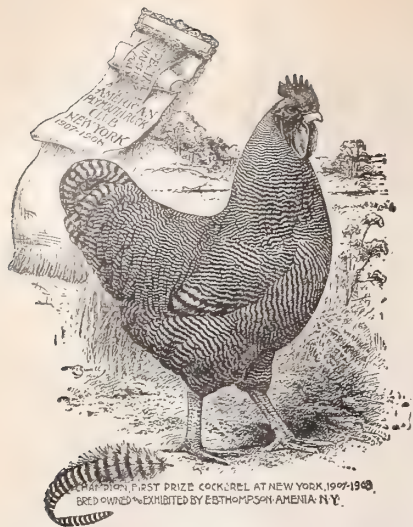
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At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials.

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Is recognized by the leading poultrymen of the United States as the best, simplest and most practical Automatic Feeder and Exerciser on the market. It is GUARANTEED to be absolutely RAT, SPARROW and WEATHER proof. The same machine will feed four-weeks'-old chicks, growing stock and breeders or layers. Saves its cost in feed and labor six times a year. Increases egg production, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Very simple in construction and operation; will not get out of repair and will last a life time. Send for our booklet explaining our 30-day free trial offer. We will also mail our Barred Rock or Light Brahma catalogue for 10c in silver or stamps. State which breed you want. But the Feeder booklet is free. Ask for it. Address River Home Poultry Yards, Box B, Perrysburg, Ohio

VOL. 41

NOVEMBER, 1910

NO. 11

AMERICAN POULTRY JOURNAL



PINE TOP POULTRY FARM

Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns

If you want winners for the fall or winter shows, single birds, pairs, trios, pens or any number, why not send to us? We won the majority of Blue Ribbons at Orange County Fair, New York; all the Blue Ribbons in both classes at Troy, New York, 1909; more Blue Ribbons and Specials than all our competitors combined, in both classes at Ill.-State Fair, Memphis, Tennessee, 1909, first prize pen Single Comb White Leghorns, and many other places. Cup presented by the president of the National Single Comb White Leghorn Club for scoring the greatest number of points at Madison Square Garden, December, 1909, and January, 1910, and at Boston, Massachusetts, January, 1910, we won every Blue Ribbon in Single Comb White Leghorns and every Special, including the American Poultry Association Medal for the best male of all the Mediterranean class and in Barred Rocks, won many places and the Special for the best shaped female. If we can do all the above, why not send to us to help you out? Send for literature and particulars as we consider giving information a pleasure without charge. We have breeders, show birds, eggs for hatching and day-old chicks for sale in season.

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have won the highest honors at N. Y., Boston and all the prominent shows in U. S. and Canada, including the Alaska Yukon Exposition. Send for circular and see who has been breeding the best winners for many years. All stock returned at my expense, if not satisfactory.

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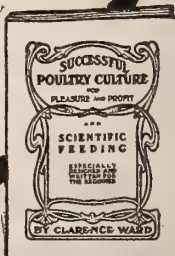
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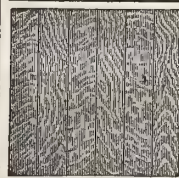
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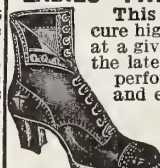
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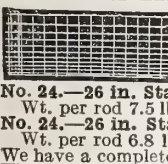
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We have a complete stock of Wire and Fencing.



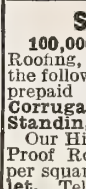
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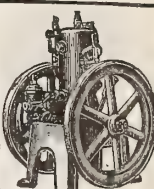
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I have now selected my breeders for next season and offer for sale the rest of my stock consisting of the following: 200 pullets, some of them laying, at \$1 to \$2 each; 150 cockerels at from \$1 to \$5 according to age and quality; 50 yearling hens at \$1 each; 8 yearling cocks at \$2 and \$3 each. Satisfaction guaranteed.

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S. C. White, big white 236-egg strain.

Rose Comb White, first Madison Square, big white eggs and big white birds, no finer strain.

White Wyandottes (Duston's) many firsts and \$25 cup, big brown eggs. Stock, all breeds, for sale.

Barred Rocks (Bradley's) won \$100 cup, 1909, big finely barred birds and great layers.

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NUGGET BUFF ROCKS, bred from NEW YORK winners. Over half my breeders have won at Madison Square Garden. Young stock for sale. Write me.

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Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in Standard Qualities. Remember that we are the originators and for more than thirty years specialty breeders of the justly celebrated Wyckoff strain of S. C. White Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. 3,000 choice yearling hens and cocks, and fine strong early cockerels must be sold at once to make room, and prices will be made especially attractive to early buyers. Send for catalogue and state wants as near as possible.

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WHITE PLYMOUTH ROCKS

Have been raised for 12 years on 100 acres of free range and are producing the highest quality of healthy winners for my customers. Their show record since Dec. 1909 are the Ontario Berlin, Buffalo, Winnipeg, Brandon, Toronto, Ottawa and many others too numerous to mention. Exhibition birds a specialty.

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Cockerel mating exclusively

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A Perfect Baker Economical In Fuel

That's what every housewife seeks in a range—one that is absolutely dependable, every day, year in, year out.

Built on honor, of the best materials, the Great Majestic outwears three ordinary ranges. It is the only range made entirely of charcoal and malleable iron. Malleable iron can't break—charcoal iron won't rust like Steel.

The seams of the Majestic are riveted (not put together with bolts and stove putty)—they always remain air tight, neither heat, nor cold affects them. The Majestic is lined throughout with pure asbestos, 1/2 inch thick, held in place by an iron grating—you can see it—and it stays there always. Air tight joints and pure asbestos lining assure an even, dependable baking heat, saving one-half the fuel.

The Great and Grand MAJESTIC Malleable and Charcoal Iron RANGE

The reservoir is all copper and heats like a tea kettle, through a copper pocket, stamped from one piece of copper, setting against left hand lining of fire box. It boils 15 gallons of water in a very few minutes and by turning a lever the frame and reservoir moves away from the fire. This feature is patented and is used only in the Majestic.

It is the best range at any price—a range with a reputation and it should be in your kitchen. It is for sale by the best dealers in nearly every county in 40 states. If you don't know who sells them in your vicinity, write us and we will send you our book, "Range Comparison." Everyone thinking of buying a range should first read this booklet.

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IT WILL MAKE MONEY FOR YOU

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It is a business machine giving the highest average percentage of chicks and operated at the lowest possible cost.

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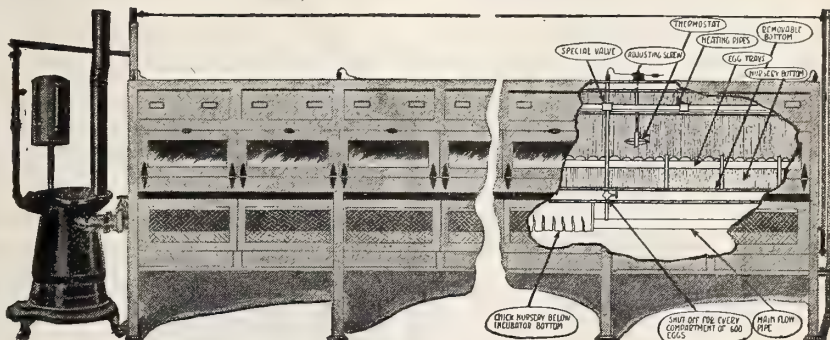
You heat only compartments in actual use. Exclusive Candee feature.

You have the most perfect and yet the simplest heat regulation. Separate thermostat for each compartment, controlling the heat without moving the sanitary trays up or down. Exclusive Candee feature.

Besides

You have a simple heat control of the main flow, without using a float. Exclusive Candee feature.

You have a sectional machine that can be added to as your business increases.



The Incu-Brooder Capacity Ranges from 2,400 to 20,000 Eggs

You have the most economical and durable heater and a machine made of the best materials, accurately fitted and quickly erected.

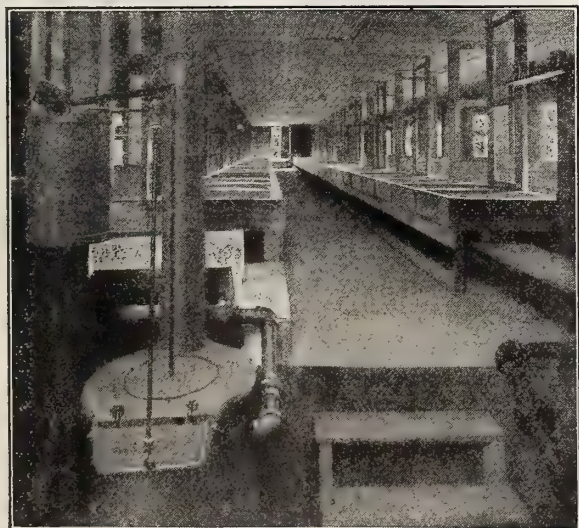
And Then

You can fill your machine to capacity in Custom Hatching.

You can have a steady income and you will find that each season the business offered you will be greater than your capacity.

You can be a leader in the Baby Chick trade with its large profits.

You can handle your own work without cost



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First cost is lower than equal capacity of oil heaters.

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Candee Outfits Stand Every Test and prove their superiority in steady use. They are noted for their reliability and their continual service. They are simple and do not get out of order. Because of this and their remarkably low cost of operation they give the best results and that is what counts.

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Good breeders at \$1.50 each. Show birds very reasonable; winners at the good shows. Write us.

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Barred and Columbian Ply. Rocks and Single Comb White Leghorns

Now is the time for bargains in young stock. I have them of high quality.

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Winners at many of America's leading shows. I have the finest lot of male birds for sale I ever raised. Write for prices. Wm. J. Fox, R. 17, Box 10, Cabot, Pa.

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Brooders, Hovers, Incubators. Warmth by conduction; ventilation by induction; non-crowding invention.

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Guaranteed to cure White Diarrhoea, Roup, Colds, Gapes, etc., in chicks; also to kill lice, etc.

Caledonia Chemical Co., Caledonia, New York

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1909—Vigor and Vitality Win—1910 First cockerel, East Orange, N. J.; 3d cockerel, Madison Square Garden. Few choice cockerels for sale. Eggs for hatching. :: :: :: ::

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THE IMPROVED CHAMPION LEG BAND

Aluminum or Copper, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off.

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Can't be removed without destroying band; six sizes; sealer free. Numbered consecutive; no duplicates will be made. **THE SUPERIOR**



Positive lock, can't lose off; six sizes; always state breed and sex. Either kind, postpaid, 12, 15c; 25, 20c; 50, 35c; 100, 60c. Initials extra on Champion only, 10c per 100; 50 or less, 5c. Also Pigeon Bands. Stamp for one sample. Circular free.

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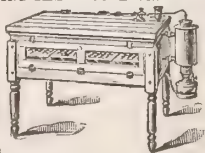
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Kellerstrass and Owen Farms Strain. I have 75 cockerels and pullets of that fine cobby type, so much desired in this breed. They were hatched early and are of fine size and will make somebody step lively at the coming shows. My prices are reasonable and I guarantee satisfaction. Write me your wants quick, as they won't last long at the price I am asking for them.

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All the standard requirements as to shape, color and markings of all standard breeds of poultry are clearly described and illustrated in the new work.

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**S. C. WHITE LEGHORNS - BARRED PLYMOUTH ROCKS
SINGLE COMB RHODE ISLAND REDS**

from exceptionally heavy egg laying utility matings and the choicest selected exhibition pens. **Each variety the best product of an expert breeder. Are strong, healthy, vigorous, liveable chicks.** Southern orders a specialty now. Am booking orders for spring deliveries. Send six cents in stamps for my handsome catalogue.

R. C. Caldwell, Box 1021, Lyndon, Ross Co., Ohio

Special Stock Sale

**1000 Head of Choice Yearling Hens
300 Head Early Hatched Cockerels**

Before moving to our new home we wish to dispose of the following stock. Quick buyers will find some remarkable bargains in this stock and it will pay you to investigate by sending for our special stock list before ordering elsewhere.

This stock is offered in grand breeders and utility fowls. Our Special Stock Circular gives prices description etc. All Breeding Stock furnished with score cards if requested. Every bird sent subject to approval.

White Wyandottes	100 Hens,	200 Cockerels
S. C. Rhode Island Reds	200 "	500 "
R. C. Rhode Island Reds	75 "	300 "
Barred Plymouth Rocks	100 "	300 "
Buff Plymouth Rocks	125 "	400 "
White Plymouth Rocks	100 "	300 "
S. C. White Leghorns	150 "	300 "
S. C. Brown Leghorns	100 "	250 "
S. C. Buff Orpingtons	50 "	300 "
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PARTRIDGE PLYMOUTH ROCKS

THE wonderful new breed that is attracting so much attention. Combining great utility with striking beauty. Breeding now more true to type than most old breeds, and all from single standard matings.

**They will please you, make money for
you and prove a good investment**

Send to headquarters . Write for what you want

S. A. Noftzger, Box A, North Manchester, Ind.
ORIGINATOR OF PARTRIDGE PLYMOUTH ROCKS



**"I Made
\$18,178.53**

NET PROFIT

**In One Year, Selling
Chickens & Eggs"**

**I Tell
You
How**

I made \$3,600.00 in one season from 30 hens, on a lot 24x40, by feeding the scraps from my table three times a day. I'll give you the names of those who paid me over \$2,000 for the eggs alone from these fowls—you can refer to them.

I'll tell you how I make my chickens weigh 2 1-2 pounds at 8 weeks of age.

I tell how I prepared my chickens for the show room, so that I won over 90 per cent of all the blue ribbons offered during 1907 and 1908. This has never been published before.

How I raise ninety-eight chickens out of a hundred that I hatch—how I feed my chickens for egg production—how I keep them healthy and free from disease—how I tell the layer from the poor layer—how I break up my broody hens without injuring them. I tell you how to pack eggs to keep them fresh—how I mate my chickens for breeding and fertility—how I run my incubators and supply moisture—how I raised my famous \$10,000.00 hen, "Peggy"—how I bred my big egg-laying strain. I tell you all about broiler plants, egg plants, etc.

I tell you about everything that is necessary to success in the poultry business.

It also gives you my opinion and experience that I have had with advertising solicitors of poultry journals.

It also gives you my opinion and experience that I have had with poultry judges in the show room, and why, in my opinion, the little fellow don't get what he thinks he ought to have in the show room. I tell it just as I have seen it and experienced it. There are several pages in this book taken from my records, and from my cash book and ledger. There are no secrets—I tell it all.

See what others say on opposite page.



I took a flock of 1,638 chickens and made them net me a profit of \$11.09 per bird in 12 months' time.

My farm and books are open for inspection to any State Poultry Experimental Station. If your station doesn't find the above statements true, I'll donate \$1,000.00 in cash to your institute.

**My New Poultry Book Tells
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It covers all branches—it tells everything necessary to success with poultry. It tells you what I have done—how I started.



Try my way and you can raise them by the thousands

It shows you a picture of the first hen house I built, 6x6 feet in size. It contains over 50 full-page pictures of buildings and views taken on my farm. It was written from actual experience



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NOTE—Ask the editor of this Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.



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The Kellerstrass Farm,
Kansas City, Mo.

I received your book sent me Saturday a. m. It would have been worth to me \$500.00 if I had had it last spring. "Good Book," common sense learned by hard-earned experience. Worth \$1,000.00 to me. Kespt.,

L. R. HAYWARD.

Clinton, Ia.

Kellerstrass Farm,
Kansas City, Mo.

The book, "The Kellerstrass Way of Raising Poultry," received, and will say it is the most sensible and practical book on poultry that I have ever read, and I would not part with it for ten times its price if I could not get another one. Very truly yours,

H. C. HEINSEN.

Albany, N. Y.

Ernest Kellerstrass.

Dear Sir:—I received your book. Comparatively speaking, it is WORTH MORE MONEY.

Very truly yours,

GEO. W. CAMPBELL.

The American White Orpington Club,
Richmond, Va.

Dear Mr. Kellerstrass:

Received the book O. K., and it certainly is brim full of meat; you have the other fellows beat a mile for real down chicken information, and I have all of the books, as well as some practical experience in the 15 years I have been breeding.

Fraternally,
F. S. BULLINGTON.

Hurst Pierrepont,
Garrison-on-Hudson, N. Y.

Mr. Kellerstrass

I have read your book with deep interest, and want the satisfaction and pleasure of telling you how much I admire your wonderful enterprise, your unbounded success and your most beautiful and peerless poultry. I have the greatest wish to visit your farm, and as I am honored with a permit, I hope some day to avail myself of the privilege.

It must be a great satisfaction and joy to you to have been able to do all you have done, and to have given inspiration to very many people.

It is not probable that it would be possible for anyone to excel you. You have no doubt brought poultry raising up to the goal of excellence, but if in the future there should happen to be others capable of following your great example, you will have reason to rejoice that you were the first to give them such an inspiration. What greater good can we do in the world than to be an example so perfect in whatever way that others may desire and succeed in following. What most people need is inspiration. Many talents lie dormant. The desire has not been roused to put forth interested efforts.

When one such as you and Luther Burbank come to the fore it has the effect of stirring desire and ambition. Blessed are such individuals; they have accomplished a great work, and posterity will not forget them.

Sincerely yours,

M. BECKWITH.

Winchester, Kans.

Dear Sir:—Received the book all O. K. this a. m. and find same very interesting and full of GOOD SOUND LOGIC.

Yours truly,

CHAS. FORSYTHE.

Mr. E. Kellerstrass,
Kansas City, Mo.

Buffalo, N. Y.

Dear Sir:—Received your book all right. Am well pleased with book; best dollar's worth I have ever received.

Yours truly,

CHAS. P. GOETZ.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Adah, Pa.

Dear Friend:—The book at hand. I got so much interested in the book that I couldn't lay it down. It is the best book that I ever opened on poultry talk. I think every person that has a bird on his lot or farm should have one of these books. I was surprised when I read where you opened those chicks and found lath nails and tacks in their craws. I never heard of such a thing; it stands to reason that would kill them.

H. M. GROVER.

Irrington, N. J.

Ernest Kellerstrass:

Dear Sir:—Received your poultry book; it is worth many times the price, and should be in the hands of everyone handling chickens, as it contains information that would take many years to learn.

Yours very truly,

JOHN SELFELDER.

Kellerstrass Farm,
Ernest Kellerstrass, Prop.,
Kansas City, Mo.

Elyria, Ohio.

Dear Sir:—I was very much interested in your book, as I believe that it gets closer to nature than any other book that I have seen, and am much interested in your Crystal White Orpingtons.

Yours very truly,

H. H. CLOUGH.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Augusta, Ga.

Dear Sir:—Yours of a recent date to hand. Also your book of "Kellerstrass Way of Raising Poultry," which I appreciate very much. I must say I think more of it than all the other books I have ever received.

Thanking you again for the book you sent me, and assuring you that I am and will from now on follow your way and no other,

Yours truly,

G. K. JOHNSON.

Hot Springs, Ark.

Mr. Ernest Kellerstrass.

Dear Sir:—Please excuse my apparent slothfulness. I have not had a chance to write to you since I received the book. I would not take three times the cost of it for it. It is all good common sense, and no man could have known it without experience, and it takes time to find out such. I am a thousand times obliged to you. I feel as if you had given it to me. I am not a breeder of any particular breed. I just raise a few for home use, but I like to make them pay. I am an admirer of the work and hope in the near future to go in it for a business.

Thanking you again, I am,

Respectfully yours,

R. S. TONEY.

Grey Bull, Wyo.

Received book all right. It suits me fine. Is worth its money in any man's country. Yours as ever,

J. T. ROBINSON.

Oklahoma City, Okla.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Your late poultry book received, and I have received very much valuable information therefrom. I believe I can now begin the poultry business intelligently and successfully.

Very respectfully,

T. W. SHACKELFORD.

Jennings, Kans.

Ernest Kellerstrass.

Dear Sir:—Enclosed please find \$1.00 for your book, "My New Poultry Book." Your ad. was sent me by one who has your book and thinks it is a grand book.

MRS. C. H. DANLEY.

Calgary, Alta, Can.

To Kellerstrass Poultry Farm,
Kansas City, Mo.

Dear Sir:—Received your book O. K., for which I thank you for the quick reply, and having read it through, may say that in my estimation the book is worth its weight in gold to anyone who has or takes interest in poultry.

Yours truly,

B. DICKINSON.

Victoria, B. C.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Received your poultry book and enjoyed reading it. I like that kind of language you talk. Your book cheers me up, and I have decided now to go into the poultry business.

Yours truly,

WM. COLLEN.

Asbury, Mo.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—I like the book fine, and would not part with some of the information for many times the price of book.

Very truly yours,

C. J. RHOADS.

Birmingham, Ala.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Sir:—Have just received your book—found it very interesting. Am sure it will be of much help to me. Don't see how I could do without it.

Yours truly,

J. W. GILLESPIE.

Brandon, Manitoba.

Mr. Ernest Kellerstrass.

Dear Sir:—I received your book, and think it far ahead of all others. Everything so plain and to the point.

I remain,

S. E. WOODLEY.

Chicago, Ill.

Mr. Ernest Kellerstrass.

Dear Sir:—I have your late book on your way of raising poultry, and have been reading it. Am very much taken with your way—am proud of my book.

W. PICKENS.

New York City.

Ernest Kellerstrass,
Westport Station,
Kansas City, Mo.

Dear Sir:—Please find enclosed check for \$2.00 for two copies of your "New Book on Poultry." I received a copy of this book from you some weeks ago, but it was so admired by a friend that I gave it to him, and now want one for my own use.

Very truly yours,

THEODORE CRANE.



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We have a few choice White Orpington cockerels to sell. Write at once. Book your orders of chicks for spring delivery. Catalogue.

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Write for 1910 Catalogue of

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Chicago first prize winners. Buy your eggs from the yards that have produced Blue Ribbons the last 3 years at Chicago and other large shows. Send for circular.

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R. and S. C. Black Minorcas

The kind that wins, pays and lays.

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A few choice breeders for sale now at bargain prices. Young stock in the fall. Satisfaction guaranteed.

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Bearded silver, bearded golden, bearded white, buff laced and white crested, black polish. \$2 to \$5 each. Eggs, \$2 to \$5 per 13. Prize winners twenty-eight years.

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WHITE WYANDOTTES

Won at Mansfield, 1909—1, 2 and 3 pul.; 1 and 2 cockerel, 1 and 2 hen against a field of 100 Wyandottes; and also the special prize for best pair of all varieties. If you want the best, write me.

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Buff Wyandottes and R. C. R. I. Reds

100 breeders and 500 youngsters from our famous combined utility and exhibition strain winners and bred from winners at Madison Sq., Toledo, Mansfield, Massillon, etc. Whatever your wants, write.

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Barred Rocks

Correspond with us. Twelve years of experimental work crowned with success. Won more firsts on pullets in Chicago 1909 show than any other exhibitor. 1st pen, 3d cockerel, Cleveland 1910. At Akron, Canton and Youngstown, Ohio, since 1902, have made practically clean sweeps on 1st, 2d prizes. We've the goods.

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R. I. REDS

I have the handsomest lot you ever saw anywhere. If you are looking for quality, drop me a line and I'll tell you all about them. My birds are prize winners. Price \$5 up.

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Buff, Black and White—Well grown young stock for sale for fall showing and breeding purposes.

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South Kent, Connecticut

White Plymouth Rocks

I paid U. R. Fishel \$50 for cock bird and \$10 apiece for the hens to start my flock; also \$1 apiece for 100 eggs. Snow Ball, my favorite cock bird, has won every place shown. 1st at Ohio State Fair, 1908, 1st as a chl. at Cleveland, 1907. Write me for prices on stock and eggs.

C. M. Reynolds - Fullerton, Nebraska

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200 fine birds for exhibition and breeding purposes at half their real value, for quick sales. They are fine, vigorous, healthy birds, with good type and station, good combs, eyes, ear lobes, yellow legs and as white as snow. I have no pullets to spare, hence I will let you have cockerels at half their value. Satisfaction or your money back. My low prices, \$2 to \$10, will get your order. Write to day.

Breznal Poultry Farm, F. A. Fuller, Owner

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**WORLD'S BEST ORPINGTONS**

White, Buff, Black, Rose or Single Comb—Over 1200 prizes, diplomas, cups, etc., such shows as Madison Square, N. Y.; Jamestown Exposition, Philadelphia, Pa.; Allentown, Pa.; Washington, D. C.; Boston, Mass.; Easton, Pa.; Pennsylvania State Show; Dover, N. J.; etc., etc. An Orpington specialist ten years. Can start you right with chicks, eggs or stock. Write

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MORE AND
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More than 30,000 in actual use. Every one of them hatching and raising a larger percentage, with less attention and less expense than any other made. No other machine has so many improvements—so many money savers—so many labor savers as the Peerless. Here are a few of the special features:

Automatic ventilation and moisture; cold-rolled copper tank; heat distributing bars; tandem, double-compound thermostat regulator; automatic lamp; acme trip burner with combined damper and flame regulator—this is the safest burner made. It saves half the time, labor and cost of operation.

My Lampless Brooder—the greatest brooder success of the age. No lamp, no tank, no expense to operate. Raises a larger percentage of healthy, vigorous chicks than any other brooder on the market.

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Send for my combined catalog and book of plans. It is free. It contains more than 100 photographic illustrations, showing step by step how Peerless Incubators and Brooders are constructed and how easily you can build them yourself. Whether you build an incubator or buy one ready made, you will save money by buying from me. Send for my free book today and learn all about the "House of Quality."

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**CHAPMAN'S PICKING FRAME**

Revolutionizes the plucking of poultry. Saves half the labor. Keeps everything perfectly sanitary. It is adjustable for all sizes. Allows the use of both hands in plucking. The bird can be revolved in either direction. In fact, it is the greatest little invention that has been placed before the poultry fraternity for ages. Send for catalogue describing this invention.

Chapman's Improved Trap Nest and Chapman's Sanitary Poultry Fountain. Picking Frame \$2. Turkey Attachment \$1. extra. Three Trap Nest \$3. Glass Fountain \$1. Agents Wanted.

THE CHAPMAN CO.,
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NEW breeds come and go, but a variety that has continuously grown in public favor for twenty years is surely worthy of your consideration. Not only one man has made a snug little fortune out of this variety of fowls, but hundreds of them; therefore it is surely folly to cast aside a variety of fowls that has "made good" to "try" something that has no redeeming feature. Before you buy your poultry consider well

BEAUTIFUL

PROFITABLE

**U. R. FISHEL'S
WHITE PLYMOUTH ROCKS**
"THE BEST IN THE WORLD"

STUDY carefully the above lines and then try some of the birds, and you will say as do thousands of others: "The half has not been told" of this money-making breed. The U. R. Fishel White Rocks have won the leading prizes the world over for the past fifteen years. Our birds are all farm reared, strong and vigorous; just the kind you want as exhibiton birds, selected breeders or utility fowls.

We have over ten thousand birds to select from this season, therefore are in position to give you a better selection than the breeder with but a hundred or two.

Imagine you own a pen of pure white birds, with rich yellow legs, bright red combs and head; stylish, attractive, vigorous fowls. Could you own anything more beautiful or profitable? Those are the U. R. Fishel White Rocks.

Send two dimes for 56-page catalogue; it will interest you.

Eggs, after Dec. 1st, \$10 per 15

U. R. Fishel, Box A, Hope, Ind.

Barred Rocks and S. C. W. Leghorns

Egg orders booked now from choice pens, mated to produce exhibition stock.

Lake View Poultry Farm, H. B. Koch, Manager, Pekin, Illinois

Columbian Wyandottes

A few choice yearling breeders and good exhibition birds at bargain prices. Send for mating list.

C. L. Patterson, R. 33, Box 1, Barberton, Ohio

Ringlet Barred Rocks and Silver Spangled Hamburgs

High quality young Hamburgs now for sale. Some Rocks later. Write your wants.

R. D. Sly : : West Clarksfield, Ohio

MR. WHITE WYANDOTTE MAN

A month ago you put down in your note book a reminder to order your fall stock of J. J. Heverly & Son of Center Point, Ia. Order now. Some fine cockerels left.

J. J. Heverly & Son, Center Point, Iowa

**Adjustable Clinch Bands**

None better made. 25 for 20c; 50, 35c; 75, 50c; 100, 65c; 175, \$1. Samples free. : : : : :

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And Brooder Supplies, Fixtures and Repairs

Everything for repairing old Incubators and Brooders, or making new ones. Catalog free.

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**Columbian Rocks**

A limited number of fine cockerels and cock birds yet to spare. If you want something fine to head your pens, write me.

F. M. CLEMANS
Mechanicsburg : Ohio

**45 Varieties
Land and Water Fowls**

Send for illustrated catalog, which tells you much you should know. Stock and eggs at all times.

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**For Father, Son,
Brother, Uncle,
Nephew or Grandpa****\$5 Safety Razor for Only 97c**

Old Way | New Way

Beautifully silver plated, with strop, handle and holder, a full set of Grains Celebrated Wafer Blades, all in a handsome lined leather case, just like the high grade \$5.00 outfits sold in stores. Remember this

Special Advertising Offer is for a short time only in order to introduce in every city, town and hamlet in the United States. All you need to do is to refer to this ad. enclosing ninety-seven cents, with your name and full address and the complete Grains Safety Outfit exactly as described will be sent at once full prepaid.

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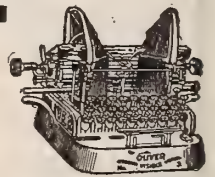
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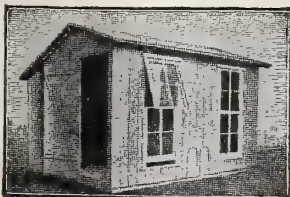


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"Worth Ten Times What You Ask for It"

Dear Sirs:—Some time ago I sent for your book, "Don't Kill the Laying Hen." I studied it through pretty thoroughly and as I had a number of hens to dispose of, tried the plan in your book, and can say that it worked to a tick. I killed several hens for table use and did not make a mistake on one. It is worth ten times what you ask for it and is so plain that anybody can understand it. Yours very truly—W. J. English, R. F. D. No. 2, Chenango Falls, N. Y.

"Worth Five Dollars"

Dear Sirs:—I just received your letter stating that you have a new book on your system of selecting the laying hen. I have one of the old booklets and if the new book is as good as the old one it is all right. I have found everything as represented in the old booklet. It has been worth \$5 to me. I will send later for your new book. Yours truly—John H. Burkart, 1208 W. Lawrence St., North Topeka, Kansas.

"Would Not Part With It For Many Times What It Cost"

Dear Sirs:—I have received your book regarding the laying hen and am pleased to say it has done a great deal for me. I would not part with it for many times what it cost if another could not be had. Yours respectfully—John Van Schoar, 3095 W. 100th St., Cleveland, Ohio.

"All It Is Claimed to Be and More"

Dear Sirs:—I received your booklet, "Don't Kill the Laying Hen," and must say it is all it is claimed to be and more. I now want you to send me your booklet on "Profitable Poultry Raising," remittance for which you will find enclosed. Yours for success—Geo. J. Griffie, 614 Boas St., Harrisburg, Pennsylvania.

"Made One Hundred and Ninety Dollars"

Dear Sirs:—Your circulars at hand. The best thing I can do is to get the new book, "Don't Kill the Laying Hen." Your method has made me \$190 and is still making more, and only a few chickens; from 70 down to 44 now. Yours truly—G. W. Normac, Renfrow, Oklahoma.

"\$5 Worth of Satisfaction"

Dear Sirs:—I received your book and tried Test No. 1, and it was all right the first time. I have had \$5 worth of satisfaction out of the book already. Your system is O. K. Yours truly—Wm. Thummoor, 412 Hoffman Ave., Oil City, Pennsylvania.

"Worth More Than You Ask For It"

Gentlemen:—Enclosed find remittance for your booklet on "Profitable Poultry Raising." If it is as good as your book, "Don't Kill the Laying Hen," it certainly is worth a great deal more than you ask for it. Yours truly—The Sunnyside Poultry Farm, Rutland, Vermont.

"Would Not Take \$50 For It"

Dear Sirs:—Your booklet entitled, "Don't Kill the Laying Hen," is a great help to the poultryman. Makes dollars where you made cents. I wouldn't take \$50 for my booklet. Yours truly—Clarence K. Honeyman, Proprietor, Spring Creek Poultry Farm, Troy, Ohio.

T. F. POTTER & CO., Box A1, Downers Grove, Illinois.

Gentlemen:—I am interested in your Potter System book, also Portable Poultry Houses and Hennerly Fixtures. Send me at once catalogs and circulars describing your goods. I enclose 4c in stamps to cover postage.

Signed.....

R. F. D. or Street.....

Town.....State.....

CRYSTAL WHITE WYANDOTTES

Choice cockerels and pullets for sale. Denver and Colorado State Fair winners. Prices reasonable. Satisfaction guaranteed. Eggs in season.

W. H. LAUCK : : EADS, COLORADO

Re-Manufactured Typewriters

Guaranteed as good as any new make. We can save you from 50 to 80 per cent on your machine. Write for circulars. The Elwood M. Pusey Co., East Liverpool, O.

S. C. BROWN LEGHORNS

Michael's strain are winners. Vigorous, farm raised birds and persistent layers. Some year-old hens and young stock for early delivery. Free catalogue.

O. E. MICHAEL, R. R. 6, DAYTON, OHIO

S. C. R. I. Reds

Bred to lay. Twice winners of shape and color specials at Wheeling and State Fair. A few good cockerels for sale. : : GEO. H. KECK, Wheeling, West Virginia

S. C. W. LEGHORNS

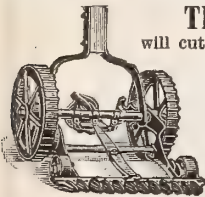
WIN AGAIN. We have been breeding winners for years and our record at the Montgomery Co. Fair is only a repetition of our success. We were pitted against some of the best breeders in the country, but we carried off 1st chl.; 1st, 2d pullet; 1st, 2d pen; 3 specials. A few choice cockerels to spare.

Turley & Scobee, Box M, Mt. Sterling, Ky.

**S. C. BLACK & WHITE MINORCAS
AND WHITE ORPINGTONS**

Stock and eggs. Winners wherever shown. Write for prices; mention American Poultry Journal.

G. B. SMITH & SON
BOX 454 : NORTH BALTIMORE, OHIO

**THE CLIPPER**

will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices.

Clipper Lawn Mower Co., Dixon, Ill.

**POULTRY
IN VIRGINIA**

Good Land \$10 and Up PER ACRE

A steady market and good prices place Virginia FIRST as a poultry-raising State.

The Diseases of Cold Climates are Unknown

Virginia's soil, roads, schools and churches are excellent—her hospitality is unsurpassed.

Send to-day for booklet and additional information about Virginia.

Address F. H. LA BAUME, Agricultural and Industrial Agent Norfolk and Western Railway, Dept. B 51, Roanoke, Virginia.

**THE OLD RELIABLE
LAMBERT'S
DEATH TO LICE****Insures Clean Fowls—
Large Profits**

It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding."

O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago

HOUDANS

A fine lot of winning Houdans for the fall and winter shows. We also breed Blue Ribbon Orpingtons, Buff, Black and White. Write your wants.

Dr. G. W. Taylor, Box A, Orleans, Ind.

OLD DOMINION STRAIN**BARRED PLYMOUTH ROCKS**

Few show birds for sale bred from my 1st prize Cockerel at Washington, D. C. Ancestors from New York "Ringlets." Also breeders for sale.

Chas. C. Wine

R. F. D. No. 1

Mt. Sidney, Virginia

RHODE ISLAND REDS

Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS

: :

CONCORD, MASS.

**BLACK ORPINGTON SALE!**

Just furnished 1st and 3d chl. at the Des Moines, Iowa, Fair. Do you want a winner? If so, write us; we have them for you. Our prices are right and satisfaction guaranteed or money refunded less express. The "Duke of Kent Strain" is one of the oldest and best founded strains of S. C. Black Orps. in America. Place your order now before the best are taken.

Foster @ Johnston

R. F. D. 7

Fort Wayne, Indiana

Our New**Poultry Book****ORIGIN AND HISTORY OF
ALL BREEDS OF POULTRY**

This Book Gives a Complete History and the Origin of all the Recognized Varieties of Chickens, Ducks, Geese and Turkeys, and is

Illustrated With 198 Colored Pictures of Fowls Painted From Life.

Something Never Before Attempted by any Publisher

This is, without question, the greatest book ever published on poultry. The artist's work alone on this book took almost one year's time to complete, but it shows the fowls in their natural colors and correct shape, and these colored pictures, together with the history of each variety, gives the fancier all the information to produce fowls for either exhibition or breeding.

HOW TO MATE

This book also tells how to properly mate the different varieties of fowls to produce birds that will conform to Standard requirements. This is something that even the Standard of Perfection does not do. It tells you at a glance what it will take years of practical experience to learn. It is a book that no breeder or fancier can afford to be without, as it is just as suitable for the needs of the experienced fancier as for the amateur.

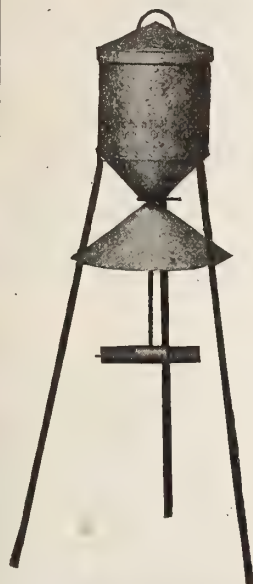
PRICE ONLY \$1.00

Or this Book and American Poultry Journal, one year; for only \$1.25

—SEND ALL ORDERS TO—

AMERICAN POULTRY JOURNAL PUBLISHING COMPANY
358 DEARBORN STREET, CHICAGO, ILLINOIS

DON'T PEN YOUR BIRDS WITHOUT The Norwich Automatic Exerciser & Feeder



Our machine will add to the benefits derived from the summer free range, and keep your birds in condition for the coming show season.

It is endorsed by the largest poultrymen in the country as the only **Perfect Automatic Feeding Device ever offered** and will positively effect a saving of over 20% in your feed account, increase egg production, eliminate the **labor and care of feeding**, while the average weight of the flock is materially increased **and every bird fit for market.**

THE NORWICH AUTOMATIC EXERCISER & FEEDER has been "tried out" for over a year on the largest plants in the industry, and on the results.

We **GUARANTEE** the purchaser absolute satisfaction in every respect, or money and expenses refunded after a 30 days' trial. It therefore costs you nothing to prove our claims, and we want you to try our machine.

The latest advocate among our list of big poultrymen is **Mr. U. R. Fishel**, who puts his stamp of approval only on such articles as he knows are perfect, and just as represented. Full descriptive printed matter for the asking.



NORWICH AUTOMATIC FEEDER CO.

20 WATER STREET

NORWICH, CONNECTICUT

THE SECRET OF WINTER EGGS



Don't force your hens by feeding patent or prepared foods. These often lead to serious injuries.

Feed them on fresh meat scraps, green bone and substitutes for the green stuff of the summer, and above all, give them plenty of fresh water of the right temperature.

Cold water in summer acts as a tonic, whereas warm water at that season makes them listless and lazy.

Warm water in winter stimulates the fowls and acts as an invigorator, consequently it keeps them up and doing. Result—More eggs.

Weldon's Fireless Poultry Fountain and Hopper Feeder

has made it possible to keep warm water before your fowls during the cold winter months for 36 hours without the use

of a fire. It is built like a fireless cooker and works like a "Thermos" bottle. 64% of an egg is water. Your hens can't lay if they cannot supply the necessary moisture for the eggs. Coax them to drink by keeping warm water before them at all times during the winter in one of our fountains. **The egg yield will double and triple.** Get a copy of our **Free Book** giving the experience of successful poultrymen with this invention, by addressing

ANDREWS WIRE AND IRON WORKS, SUB. STA. C, ROCKFORD, ILLINOIS

OWEN FARMS

INTRODUCTION.

I have been thinking hard six weeks in preparation for the writing of this advertisement. I have had before me the fact that Owen Farms down here on Martha's Vineyard has over 5,000 of the best fancy poultry they have ever raised in all of their previous years of experience. They have a large lot of male birds in all of their varieties that have been carried over that are moulting out into grand form, and a corresponding number of females which have been used in their pens which have produced their eggs for hatching that are either now, or soon to be, at the very top point of their fitness to contest for the blue ribbons at any or all shows in America. I have had in mind the untold number of winnings we have made for our customers in the past and the certainty of our ability to make winnings for them in the shows of this year. I have been so filled with enthusiasm and so absolutely confident of results that I have been almost at a loss to know what to say and how to say it to carry that firm, deep conviction to the reader of this advertisement that I so earnestly desire. I have concluded that direct, positive statements of facts or beliefs must mean more to the buyer than anything else and, consequently, I have decided to place before you the statements which follow. So far as I know, Owen Farms has never yet made a statement that has not been absolutely true and that you can completely rely upon what follows I do assure you.

OUR PRICES.

Never are our prices high. We see to that. Any bird is worth but \$1.00 to go to the market and all amount charged above that is represented by quality. Whatever the price given by Owen Farms, or whatever the price paid by our customer, we absolutely see to it each and every time that the money's worth of quality is represented in the bird sold. We do not intend and we will not allow, if we can help it, anyone to give more quality for a fixed price than we will.

ON APPROVAL.

All birds sent from Owen Farms at a price of \$10.00 or more are sent subject to approval, and this means that you are under no obligation whatever to Owen Farms until after you have received, handled, judged and decided that the birds sent you are of the full value you have paid for them and are what you require. If such birds are returned to us we pay the return express charges. We only insist that proper rest shall always be given the bird, according to the distance he has traveled, before returning. This is liberal.

GUARANTEED WINNERS.

We make a proposition to anyone desiring it—a proposition in which we guarantee the winning of any show in America in any class of the breeds which we handle. You name the show and the date. We set the price. Our proposition is a clear one, founded first upon this absolute requirement, that if you accept the birds on arrival and show them, they are your birds and cannot afterward be returned. If, however, on arrival you do not feel satisfied with them, you may return without showing, under our usual conditions, and money is refunded with absolute promptness. Special application by mail should be made for our GUARANTEED WINNER proposition.

FITTING.

Everyone knows that a bird well fitted stands a much better chance of winning. I have said before in our advertising that if there is anyone who can fit birds for the show room better than Owens Farms we want to meet him. All birds that are sold for the show we undertake to fit in as perfect condition as we know how and in every way that this can be made to insure your certainty of winning we leave no last thing undone. Truly, your interest in the win is not more than ours.

ORDER EARLY.

Several times during the last three weeks we have been obliged to telegraph that we could not fill orders that have been sent us for white birds to be fitted for the show room. The reason was because ample time had not been given us to select, wash, fit and train the bird and then ship him from this point to the customer in time to reach a certain specified show. Dear friends, it takes time to do this work well, and Owen Farms cannot and will not slight this portion of their work. You must give us time to do our best. One-quarter deposit with the order and the balance paid ten days before shipping is always satisfactory and insures our very best service.

OUR FACILITIES.

One whole page written on this one subject would not commence to tell you of the advantages Owen Farms has in

selecting stock ready for the particular day the show is going to be held. Birds raised every month in the year, from January to July, are maturing and getting at their best each week as it comes. We therefore know that we can fill your requirements better than most farms, if not better than any. Our wash room and fitting room is capable of preparing fifty white birds each and every day in the week. All who have seen it marvel at its convenience and the perfection of detail there employed.

THE WIZARD.

Our visitors constantly ask, "How do you manage to get the right bird for the right place? You sell for all shows, varying in size from the smallest to the greatest, and at all prices. How do you manage to get the right bird at the right price for a given show?" The answer is, "Our Mr. Delano is a wizard. His judgment of value is almost infallible. His knowledge of exactly the class we may expect at any show is very rarely at fault." We have on Owen Farms some other little wizards, but all confess that our manager, Mr. Delano, is the boss wizard.

HONEST ADVICE.

I would rather that Owen Farms have the best reputation of any farm in the world for giving honest advice to its customers than any other one point I can name. Early in the history of Owen Farms the proprietor tried to buy a male bird of Harry Graves, of Higganum, Conn. He did not want to sell the bird. I said, "Mr. Graves, if you were going to sell that bird to me, what would you charge for it?" He said, "Mr. Owen, I would charge you \$75.00." I replied, "Will you sell that bird to me for \$150.00?" He said, "No, I will not. I would not take \$150.00 of your money for what I had said I would sell, if I were going to sell, for \$75.00." I put Harry Graves down as an honest man and paid him \$1,500.00 for fifteen birds the following year. I took that lesson to heart and, I say to you with an absolute conviction of heart that in any advice I give a customer I will never influence him to spend one dollar for a bird more than I think his trade demands and his show requires. If I think his show which he wishes to win can be won for \$25.00 I would rather refuse to sell him at all than to influence him in any way to pay one dollar more. Owen Farms will give its customers advice at any and all times, and wherever they do it you can absolutely depend on its being honest.

INDIVIDUAL RESPONSIBILITY.

The proprietor of Owen Farms has conducted a business in which his employees numbered 800 and had branch offices for doing business in every capital of Europe, India, Africa and Australia. If anyone ever learned the necessity for individual responsibility he did. At Owen Farms you will find as perfect a condition of individual responsibility as in any business you ever investigated. Our White Rock man is a White Rock man, and the best. Our Barred Rock man is a Barred Rock man, and the best. Our White Wyandotte man is a White Wyandotte man, and the best. Our Orpington man is an Orpington man, and the best; and so our Reds are under the individual responsibility and management and care of the best man that can be secured. Each one of these individuals has no responsibility and no care of any other flock than his own, and as far as his duties are concerned, there might not be any other poultry on Owen Farms than those birds for which he is responsible.

SPECIALISTS.

If there is a great deal of advantage in specialists in the various breeds, we have that right here at Owen Farms. Each flock is considered by itself as carefully and as intelligently as the very best man acquainted with that breed can possibly develop it. Practically every chick on our farm is raised with hens and each chick is pedigreed so that we know the pen from which it is raised, and year after year the blood lines are followed and the type, the head, the body lines, the comb, the eye and each and every feature of the bird is considered and improved.

EGGS FOR HATCHING

During this past year we have had remarkable success reported from our customers from all over the country. Our eggs for hatching have reached our customers in excellent condition, have been very fertile and have hatched well, and we are daily receiving reports on the young stock raised from them which are as gratifying to us as they are apparently pleasing to our customers. We shipped eggs from January 1st constantly every month until the 20th of August. This year we anticipate even better results and a longer season. In some varieties we were behind our orders

OWEN FARMS

for much of the season, and the delays which were occasioned our customers we regretted fully as much as they did. We shall prepare more largely and hope that the delays the coming season will be almost wholly avoided. However, the question of whether you get your eggs at the time you wish must necessarily be somewhat a matter which you can control. Order your eggs early, for shipment at a particular time, and if it is within the power of a well organized and well conducted business, Owen Farms will do its very best not to disappoint you.

SOUTHERN TRADE

In all of our varieties we are arranging this year to meet the demand, which has been very great and which hitherto we have not been quite equal to, namely, the early demand for eggs from the Southern states. We are settling our pens at the present time and propose to be in a position to furnish eggs for hatching at least a month earlier than ever before, and probably six weeks. To all of our customers and friends in the South we say, "Come to us as early as you can. Give us as much notice as is possible and we will do our very best for you in any of our varieties."

VISITORS.

We thank our many friends from all parts of the country for the trouble and expense they have been to in visiting Owen Farms this summer. We have had ten times more visitors than ever before, and many are the days that Mr. Delano and the writer have marked down in their book as red letter days which have been made so by the visits of prominent poultrymen from everywhere. We welcome you and it is only through such visits that it will ever positively be known how great a fancy poultry farm there is located here in this somewhat out-of-the-way place. We do believe, and we state it from every conviction and every visit we have ever made on any other farm anywhere, that we have more here to show our visiting friends than can be seen on any one farm anywhere; not a few good birds but hundreds of the grandest birds to be seen, and facilities and methods of preparation that are worth a visit to know and examine. Come one, come all. We will heartily welcome you.

POULTRY INVESTMENT.

Everybody in the world is looking for a good investment and really what makes a good investment is constantly a question of thought, and particularly a question for each individual to decide. On that we all agree. Now, I say that never is it possible in any other breeding proposition to get the result from an investment that you can in poultry. Let me illustrate. A customer buys a trio of White Rocks, for example, from Owen Farms for \$50.00. He has spent \$2.00, about, for the market value of the birds and \$48.00 for his investment in quality, or at a rate of \$16.00 for each bird. Now, if he gets his money's worth in quality, so that the trio will produce for him birds of equal quality, let us see where he ought to be at the end of, say, two years. The first year from such a trio he can raise sixty birds, with fair success, each partaking of that quality. Then if he selects from that sixty, say, twelve of the very best specimens and the best breeders, from that twelve he can easily raise during the next year 420. He will thus have had 480 birds representing the quality of his first investment, and thus if he figures to divide the cost for the quality at the end of the second year, it will stand him exactly 10 cents each. This returns him an actual 1,600%. This is no fairy tale. It is a statement of exactly what may be expected, and I urge you in making your investment in poultry to limit the number to a very small number and to increase the quality, for your return is simply unparalleled in almost any line of business.

FOREIGN TRADE.

The proprietor of Owen Farms was situated in London doing business there for eight years. He did business all over the world and has had a large acquaintance with foreign conditions and foreign trade, and we make many shipments abroad. We know how to coop the birds so as to get the very best results in landing birds in good health and condition. We furnish the proper food for them during the voyage. We are willing to do anything and everything that is required, sending all foreign shipments f. o. b. at New York. You are at liberty to order through your shipping house at New York and we will do the rest.

BUFF ORPINGTONS.

Do you find the Buff Orpington easy to breed to the ideal color? Do you find dark in tail and wing? Do you find unevenness of color? Are you bothered with white in wing or tail and in undercolor? Are your Buff Orpingtons solid

buff at the base of hackle? Do they have good size and type? Are their heads good? If you answer all these questions emphatically "Yes," you do not need Owen Farms to help you in your breeding or winning. If, however, you are bothered in any of these particulars, Owen Farms can help you. Their strain, as we have told you often, is from the best strain in England. There is no doubt about that. I dare assert it without any exception, we have a flock that is more generally representing all of these qualities in individual birds than anyone else. We have consistently and all the time been winning the very first honors and never were we as strong as we are today. Our trade in Buffs last year was extremely large. It promises to be far larger this year. We will give each and every one complete satisfaction, price considered. It seems almost trite for me to say it, but wherever you find Buff Orpingtons running true to color, with good type, good heads, and especially, good undercolor and freedom from the objectionable features, you will find, if you get at the true history, Owen Farms blood at the foundation of it. Remember, the buff is the buff color of the show room and dark and reddish color in male or female is practically unknown on Owen Farms. What do you want? When do you want it? Answer these questions squarely to Owen Farms, and as fully as you can, is all we ask.

WHITE ORPINGTONS.

We have a special catalogue on White Orpingtons alone. Why? Because we have found the popularity of the White something unprecedented in the history of any breed of poultry. There are hundreds upon hundreds applying through the week for our White Orpington information and we decided to get out this special catalogue for this purpose. We believe that we have secured the best foundation flock in the world. We believe that we have the best individual birds in the United States. We demonstrated at New York in our showing there last year, winning as we did over the Kellerstrass Farm with eight birds against their thirty-four first cock and second cock, first hen and second hen, first cockerel and fifth cockerel, that we would have to take off our hat to no one in this particular variety. We did not show at Baltimore last year. A mistaken idea has arisen that we did. Hitherto we have been unable to advertise our White Orpingtons with any degree of satisfaction to ourselves because we could not fill our orders. The demand has been far greater than the supply heretofore. This autumn and winter, however, and for eggs for hatching in the spring we expect to be able to cope with the enormous demand that is sure to come.

We do want you to clearly understand and differentiate between our flock of White Orpingtons and any other. If we are putting this too strongly it will hurt us. We have no fear of that, however, and there is no step that Owen Farms would not go to in demonstrating that the White Orpingtons from our farm are quite the best in this country. Our prices on them are right and fair. Individual birds of certain winning quality and merit in White Orpingtons are no more than birds of equal merit in other classes. The individual merits of different birds in this variety, just as in all other varieties, vary considerably from the most expensive to the utility birds. We promise you, however, that you will get the quality you ought to get for the money each and every time. Write us early concerning them. Place your egg orders as early as you possibly can and we will do each and every thing within our power to make your expenditure with us successful and profitable.

P. S.—Is the White Orpington white? I feel that I cannot let this advertisement go to press without expressing myself fully, according to the best of my knowledge in regard to this subject. I say that the White Orpington female is white, extremely in undercolor and down to the skin, with pearly white quills. She remains white and is thoroughly satisfactory in every particular from the highest standpoint known in America in regard to white birds. The male birds of the White Orpington never have been white in surface color, although they are extremely white in undercolor. Mark well what I say! They are white in new feather, but when the feathers mature and the male bird is one year old or as a cock bird his new feathers have become eight to twelve months old they show to a greater or less extent creaminess, or as it is often called, brassiness. I have known the White Orpington for twelve years well. I have never yet seen a male—and I state it positively, and those I have seen amounted to thousands—that in his adult plumage did not show some color.

I am willing to give \$500, one-half of which shall go to the owner of the bird and the other half go to any charity which the owner of the bird may name, for the first White

Continued on Next Page

OWEN FARMS

Orpington male bird that shall be put into the hands of a committee of three people and remain in their hands three months, providing that the male bird at the time of being placed in such committee's hands is in feather and has been in feather eight months, if such bird does not show any brassiness or creaminess before the end of the third month following the placing of the bird in the hands of the committee. One other condition, namely, that at the end of the three months if the committee decides that bird to be white according to the American standard without creaminess or color that upon payment of the \$500 the bird shall become the property of Owen Farms.

I make this further statement that Owen Farms birds are as white in the male line as any male birds among the White Orpingtons of the world. More we cannot state.

BLACK ORPINGTONS.

Cockerels that weigh nine pounds, pullets that are seven to seven and one-half pounds at this date (October 8) with color that is as near perfect as you could wish, with size, type, heads, eyes and quality from one end of the flock to the other. We are prepared now to fill your orders to your complete satisfaction as we have never been before. Birds much earlier, much more mature, almost an entire absence of purple in every bird, many entirely free from it! First, second and third cockerels at Boston and first, second, third and fourth pullets at the same show last year demonstrated the quality of our birds raised in that year. For anywhere you wish to place them Owen Farms will supply them. The Black Orpington is becoming more popular year by year. It is exceedingly popular in England and is bound to grow more in popularity in this country. Every breeder of Orpingtons will find it to his advantage, as we do, to have all three of the leading varieties. We especially desire the trade of those who wish foundation stock. Arrange to get it so that you can win with it and then breed from it, and your investment will be a grand one.

WHITE ROCKS.

Owen Farms does not claim to have all of the best White Rocks in the United States. There is one flock, namely, that of the Greystone Farm, presided over by Mr. Davey, that has contested with Owen Farms for the highest honors at Madison Square, New York, year after year. The honors have been very evenly divided between the two. The marked difference between the two flocks is not in quality, but in the fact that we have at Owen Farms many, many times more birds of the remarkable quality that both farms possess and are able, we believe, to sell and dispose of more high quality birds, capable of winning in the very fastest company, than any one else. I cannot see how anyone with an unprejudiced mind, investigating fairly and squarely the merits of the White Rock situation, can come to any other conclusion than it is at one of these two farms that he must go to get the best.

One dealer claims he has "The best in the world." Has he? Five years in succession we have shown in New York in Madison Square, the first and hardest show to win in America, and where if it ever could be established that one had the best in the world that show would be the place to prove it. Never have we been met there by the claimant. Owen Farms has said in its advertising that it would probably not show this year. Gladly, however, would they change their plans and show White Rocks in New York to contest against any one, and thrice gladly would they show at New York this coming show season if the one claiming the "best in the world" would publicly or privately engage to take a string there for competition. Frankly, if we deserve your trade we hope to get it and it is for you to decide.

Winners we can and will sell you. Breeding birds that will produce every ideal that the White Rocks possess we have in quantity and offer them to you cheerfully.

BARRED ROCKS.

Last year in Barred Rocks we did a business which amounted to twice as much as the largest year's business ever amounted to for Gardner & Dunning, from whom we got our large foundation flock. We anticipate a far larger return the coming year and have prepared accordingly. Bred very carefully, our young birds in the cockerel and pullet matings have come on showing better promise than ever before. New York quality is among them and we feel as positive as we ever felt of anything in the world that were we to show at New York this year we would get more than our fair share of results. All of these birds practically are

at your disposal. We will sell for any show guaranteed to win. We will always send subject to your satisfaction and approval. We will mate trios and pens for you and we can predict with certainty the results that you will have. We are convinced of how very important it is in Barred Rock breeding to be careful of your breeding lines. We would recommend to you a small mating and a small trial of our best breeding possibilities. Keep it distinct. Be patient and in one or two years it will pay you a thousandfold. Barred Rocks are not easy. Only those who are persistent, painstaking and love the accomplishment of a difficult thing persist and make a good success at Barred Rock breeding. I find, however, that every one who does love the breeding of Barred Rocks in full accord that they would rather breed a Barred Rock cockerel or pullet equal to the very difficult task of winning at the very best show than to accomplish almost any other known thing in the poultry world. We can help you do so or furnish you the birds that will do it.

WHITE WYANDOTTES.

Strong statements concerning our White Dottes are always in order. They have grand type, excellent heads, running the best for a flock in nearly ideal combs, and are as white as white birds ever grow. At Boston last year we won the collection with 55 points. This was a larger win than ever made by any exhibitor at the Boston show. The largest number of points ever won before was 37, and that was won by Owen Farms four years ago. Our young birds are nothing short of marvelous in quality. They are well grown, maturing rapidly; are excellent layers, and from among them we can give you the winner that you desire. Our trade in them is exceedingly large and growing by leaps and bounds. We urge you to make arrangements for your White Wyandottes for showing early. It is a great advantage. We have picked out the winner at New York two months before the show. We could do it this year. I find it almost impossible to give you an adequate idea of our White Wyandottes by a word picture. I feel so strongly that you ought to see them to appreciate them. I also feel strongly that all who have seen them in the shows where we have exhibited, at New York, Chicago and Boston, feel exactly as we do about them. It does seem, however, that you could take our word for the quality in placing your order, particularly as we give you such a straightforward statement concerning your obligation being nothing to Owen Farms unless the birds that reach you are satisfactory. Tell us the show you want to win. Write us the price you expect to charge for eggs for hatching. Give us any and all information that will help us and we will help you.

SINGLE COMB RHODE ISLAND REDS.

ROSE COMB RHODE ISLAND REDS.

You all know what an avalanche is. It is something pretty big. From our advertisement, which appeared on the first of September, we have been literally buried beneath an avalanche of "Red" letters. That we have made no mistake in adding the R. I. Red to the business of Owen Farms has already been demonstrated. Our orders have been very large and the birds we have shipped out have been very successful. We have been very patient in the development of this Red business at Owen Farms. We have waited until we believed we had the flock from which we could do for our customers what we are sure we are able to do and have a knowledge of what we have done for our many customers in our other varieties. We can give you the same conscientious service and satisfaction, the same good birds of the very highest standing and at fair prices. At Brockton last week, where Mr. Delano and the writer went over very carefully the class of R. I. Reds, we decided—and our judgment was confirmed by every one interested—that it was one of the best shows of R. I. Reds ever made and individuals were very remarkable in the quality and depth of color, fine undercolor and in general type. It only confirmed our previous opinion of the general quality of the flock we acquired from Mr. George Tracey of Kinderhook, N. Y., which flock we received at Owen Farms in its entirety. They are, we believe, as good a flock for general quality as has ever been bred and this is true of both single and rose comb variety. We ask your correspondence. We will tell you what we have, what we can do and the price we ask for it and if there is any bird in the world that requires to be purchased on approval, with full privilege of return and the refunding of the money, we should say it was the R. I. Red, both single and rose comb.

Owen Farms

Wm. Barry Owen, Prop.
Maurice F. Delano, Mgr.

107

William St., Vineyard Haven, Mass.

BUFF WYANDOTTES

WE WON ALL FIVE FIRST PRIZES AT BOSTON, 1909, AND AGAIN IN 1910

BOSTON, 1909

Cocks, 1, 2, 3, 5; Hens, 1, 3, 4; Ckls., 1, 2;
Pullets, 1, 2, 3, 4; Pens, 1, 2.

Are Great Winter Egg Producers Utility and Beauty Combined

BOSTON, 1910

Cocks, 1, 2, 6; Hens, 1, 2, 4, 6; Ckls., 1, 4, 6;
Pullets, 1, 2, 3, 4; Pens, 1, 2, 3.



Twenty years of line breeding has developed the winter laying qualities of our strain equal to any and surpassing most all other breeds; naturally this variety are exceedingly good winter layers, and by careful selection year after year we have greatly developed this natural tendency until now we get plenty of winter eggs, while our neighbor's hens "ought to lay."

Quality is a Feature Prominent in Our Strain

There is no expression in our language that conveys the same meaning as the word "stung" when applied to your feelings after paying good prices without receiving equivalent value in return. The possibility of "delivering the goods" depends, not upon good intentions, but upon actual production, and in order to produce good birds it is absolutely necessary to have first-class stock and the experience and judgment to mate and develop them, gained only by actual experience.

We've Raised One Thousand Chickens this Year

Among the males that headed our mating this year are the following that have proven their superiority by their winnings in such competition that carries with it "conviction beyond prejudice." 1909 Boston winners as follows: 1st prize cock; 1st and 2d prize ckls.; 1st and 2d prize pen ckls. 1910 Boston winners as follows: 1st and 2d prize cocks; 1st, 4th and 6th prize ckls.; 1st, 2d and 3d prize pen ckls.; 1st prize pen fowls cock. We have never before raised as many good birds as this year. We can furnish you sons and daughters of the above prize winners mated as you desire, or we will mate them for you in line with our experience and judgment. It don't cost us any more to raise "our kind" than it would if they were the "other kind," and it's a mistake to think that we charge any more for them. Discriminating buyers realize the importance of individuality backed up with high-class ancestry. Those who don't realize this fact have a very costly experience in front of them.

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STANDARD LINE-BRED

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EXCLUSIVELY : : : : THEY LAY WHILE OTHER BREEDS SLEEP

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At the last great show, December 7-12, 1909, in the largest entry and the strongest competition ever shown at Chicago: 1st, 2d, 3d cock; 1st, 2d, 3d hen; 1st, 2d, 3d pullet; 2d, 3d, 4th, 5th cockerel; 1st pen. Exhibition birds of the highest quality will be ready for the fall and early winter shows. My stock in customers' hands won firsts in most of the leading shows last winter and will do it again.

Do You Want the Winners in Your Show?

If so, get in touch with me and state your wants. Beautiful trios, pens and single birds in either breeding or exhibition stock, sired by my Chicago winners, now ready. I can please you and will ship on approval. What more could you ask?

My matings were right this year as usual, and I have thousands of young stock better than ever before. To save time in ordering exhibition birds, either state the amount you would care to spend for same, and I can describe what I can furnish for the price, or you can describe what you want and I will tell you what I can furnish them for.

Inclose 10c in stamps or coin for the finest S. C. W. Leghorn catalogue published. Every inquiry or order has my personal, prompt and careful attention. Prices low considering quality.

Parkside Poultry Farm **N. P. Easling** **Proprietor...** **Box 40, Pekin, Ill.**

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Orpingtons, Rocks, Wyandottes, Leghorns and Cochins, 5,000 prizes. Prize breeders and show birds at half price. Sale circular free. 100-page poultry book, 4c stamp. The Buff Poultry & Bee Farm, Austin, Minn.

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Special prices on old and young stock if taken quick. Now is the time to get your exhibition or breeding stock. No culls. Prices, males \$2 up, females \$1.50 up. Write at once. Wallace B. Bain, R. R. No. 6, Martinsville, Indiana.

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Cures White Diarrhea, Roup, Cholera and Chicken-Pox

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Kellerstrass strain. Bred from choicest matings. Eggs \$3 and \$5 for 15. Young chicks for sale.

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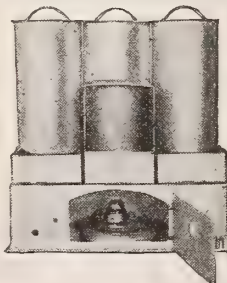
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Order samples; they will prove the great value. Quick shipment. Satisfaction guaranteed. Circulars free.

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ARE STILL WINNING



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AT the Missouri State Fair, Sedalia, October 1910—the state that is doing more to promote the poultry industry than any other state in the Union—in keen competition with birds from many states, covering a territory of more than 1,000 miles in extent, and from some of the best breeders of the country, our birds won:

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From Barred Plymouth Rocks, Buff Turkeys and R. and S. C. R. I. Reds at greatly reduced prices. Send for catalogue. Wm. Osborn, Goose Lake Poultry Farm, Morris, Illinois.

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I offer at very low prices all my breeding stock, including Boston, Providence, Worcester and other show winners. An exceptional opportunity to get high-class stock cheap. : : Tyler Crutenden, Norwich, Conn.

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Madison Square Garden champions. Read our prize record before buying. Choice stock always for sale. Bird Bros., Box C, Meyersdale, Penna.

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A few choice breeders and show females for sale. Quality the best. Price reasonable. Everything sold on approval.

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White Plymouth Rocks and S. C. White Leghorns
Now is the time to get choice birds at reasonable prices. Will sell all my breeding stock to make room.

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— BUFF AND WHITE —

A few grand yearling hens of above varieties at reasonable figures. 700 youngsters coming on, of the highest breeding and quality. Write

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Jones' White Orpingtons

At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female. : J. W. Jones, Brookfield, Mo.

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If you're looking for show birds that can win and then produce more winners try the Simmons Strain. The strain that wins at New York, Boston, Chicago, Kansas City, everywhere! Our birds have large size, good shape and that deep, rich, golden-bay color. Isn't that the kind you want?

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The kind that Win and Lay. At Toledo 1910, my string won more regular and special premiums than all other exhibitors combined, including silver cup for best display in American class, and gold special for best ten in show. (3000 on exhibition.) Young stock maturing on free range. Old and young stock at right prices. Satisfaction guaranteed or money returned.

GEO. BARKDOLL : BOX 62 : WEST UNITY, OHIO

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Exhibition birds, selected breeders, trios or pens. 500 young birds to select from. All my own stock. Tuttle and Chase strain. Send for special sale list.

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I have high class quality at low down prices. The genuine low down body and correct type stand out prominently in strain and color equal to any. I can please you if you will give me a trial order. My flock of young stock is extraordinary fine this year. Better order now. Will dispose of some of my breeders at greatly reduced prices and eggs are half price the rest of the season. Write me for prices.

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They win everywhere. New York, Boston, Buffalo, Hartford, Springfield, Mass., and wherever shown. I guarantee to please you and want your business. A few fine birds for sale. I also have a few fine R. C. R. I. Reds again this season, the reason I have only a few birds for sale is when I get a customer I always keep him as I try to please him.

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The World's Best Exhibition and Laying Strain

Exhibition birds that will win for you. A grand lot of breeding cockerels for either cockerel or pullet mating at \$5.00 each. Do not miss this chance to improve your flock with the best blood obtainable.

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Roy agreed that if his father (a grain merchant and farmer) would furnish the feed, he (Roy) would take all care of the flock and supply eggs and chickens for the farm table, and all that were left over were to belong to him. In two years Roy was using so much feed that his father had to cry quits, but the boy kept right on. He would start from home at 2 o'clock a. m. for Niagara Falls, 13 miles away, with poultry and eggs to sell. His brother joined him, and the business grew and grew. They took the farm and paid off the mortgage. They built and added to their plant, learning slowly how to avoid losses and make the greatest profits.

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This capital book was written right at Niagara Farm by the veteran poultryman, MICHAEL K. BOYER. Mr. Boyer had the Curtiss brothers right at his elbow with their records and data. He says he never saw a general poultry plant so well managed at every point. No "putting on style," no fancy buildings, no ornaments, but straight, solid BUSINESS. Everything is planned for months ahead. Every day shipments go off, every day money comes in. You could hardly believe how little they lose. Their percentage of fertile eggs, of live, strong chickens hatched, of day-old chicks shipped without loss to Kansas or Florida is really wonderful.

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WE LEAD, OTHERS FOLLOW. Eggs from the grandest matings at \$3 per 15.

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Made of aluminum, are adjustable and cannot lose off. Price: 12, 15c; 25, 20c; 50, 35c; 100, 60c. Sample free.

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Winners at Milwaukee and other shows. Choice cockerels and pullets for sale. Order a cockerel for the early shows or start right and get a pen. Birds sent on approval.

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FORT ATKINSON : : WIS.

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WHITE WYANDOTTES
BARRED ROCKS



1st Boston chl., 1909, and one of his mates.

1st Pen Wyandotte, 1st cock, 1st and 2nd Cockerel Barred Rocks N. Y. State Fair, 1910. This is the first year we have shown our Barred Rocks. We only sent up three birds in Rocks and secured two first and one second, such a win speaks for itself. We have a few cockerels for sale from the same matings as our winners, and if you are in need of a first class bird for show or utility purposes let us know and we can suit you in whatever you want. In Wyandottes we have still about a thousand cockerels and pullets just as good birds as were in our pen at the N. Y. State Fair last month. Cockerels \$3.00 to \$5.00; Pullets \$2.50 to \$5.00 for breeders both in Wyandottes and Rocks. If you wish show birds let us know about what you wish to spend and we can tell you if we can fill your wants. We also can send you a photograph of any bird that you may wish to purchase of our better birds to give you an idea of what you are getting, also photographs of our breeding cockerels and pullets taken from different birds in our flock.

ONLYA FARM, Box B, MORRISTOWN, N. J.
Philip Kearney, Owner Chas. Staaff, Manager

IF YOU'RE LOOKING FOR PRIZE WINNERS

for the coming shows in S. C. BUFF LEGHORNS, I have them fit for any show in the land. In cockerels and pullets. Also a few hens left in single and rose comb. Cockerels, \$2 up. Hens and pullets, \$1 up.

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17 years in business. The time is now here when the matter of show birds and breeders confront us. Doubtless you have spent money in the past to your sorrow. If so, give the old reliable "NIXON" strain a trial. If they don't please it's your fault. Put me to the test. Prize birds, either sex or age. Get my literature before buying.

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The kind that win in strong competition. Grand cockerels and pullets now ready to ship. If you want Barred Rocks of this kind, write me.

Edward Brown : Route 37 : Mendota, Illinois

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Young stock for sale. Good, strong, vigorous cockerels. Standard weight. Satisfaction guaranteed. Circular free. No utility stock.

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We have the kind that win in the strongest competition. Young stock now ready to ship. Write for prices.

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"Hoosier Strain"

BARRED PLY: ROCKS

1000 young birds. Bred from winners at New York, Chicago, Indianapolis and Ft. Wayne. Latest winning: Ft. Wayne, 1 cock, 1, 2 hen, 1, 2 cockerel, 1, 2, 3 pullet, 1 pen and all specials. Will have plenty of matured cockerels and pullets for the November and December shows. Also cocks and hens through the moult and of sufficient quality to win anywhere. Utility flocks in any numbers. Place your order now and avoid possible disappointment later.

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R. & S. C. Black Minorcas
R. C. Brown Leghorns

Another great victory for Edgemont Poultry Farm, as we won 7 firsts, 6 seconds and 6 thirds at the great Illinois State Fair. They not only win for us, but our customers, and if you expect to exhibit this year, write to us for prices on show stock. We are offering 500 early hatched birds for sale from \$2.00 to \$25.00 each. 100 breeders, consisting of hens and cock birds at \$3.00 to \$25.00 each. We please our customers by selling them pure winners, what more can you ask for. We also want you to remember that Chase birds lay big white eggs and lots of them. Send 2 red stamps for 30 page catalogue and price list.

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S. B. & E. W. TWINING

Mammoth Imperial Pekin Ducks
Single Comb White Leghorns
Cornish Indian Games
Barred Plymouth Rocks
White Wyandottes

"AFTON FARM"

YARDLEY, PENNA.

Breeders For Sale

WINNINGS AT
CHICAGO
DECEMBER 1908

Cock
1st, 3rd and 4th
Hen
1st, 4th and 5th
Cockerel
1st, 2nd and 4th
Pullet
1st, 2nd and 5th
Pen
1st and 2nd
Specials
Silver Cups and Specials
for Best Display.

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White Wyandottes

1500 FIFTEEN HUNDRED 1500 CHICKS FOR SALE, ALSO
300 CHOICE BREEDERS 300

Buy your show birds and breeders now. Quality never better. Write
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GEO. H. RUDY BOX A MATTOON, ILLINOIS

WINNINGS AT
KANSAS CITY
JANUARY 1910

Cock
1st, 2nd, 3rd and 4th
Hen
1st, 2nd, 3rd and 4th
Cockerel
1st, 2nd, 3rd and 5th
Pullet
1st, 2nd, 4th and 5th
Pen
1st and 4th
Specials
\$150 Silver Cup for Best
Bird in show. \$50 Silver
Cup for Best Display.

WHITE ORPINGTONS

Superb Type---Superior Quality

To be found in my yards can
be seen in this cut



My birds are absolutely white, of that deep bodied type low down on legs, up to weight and I know I can please you.

My birds won at New York and many other shows last year, have won in all 15 firsts, 15 seconds and 4 thirds. Many Silver Medals and A. P. A. Diplomas. They are unexcelled as layers and if you want "Show Specimens" I can supply you. I also have a fine lot of high class breeding birds and can sell you a magnificent cockerel to head your pen, or mated trios and pens at reasonable prices.

Great Stamina and Vigor are to be found in my birds, not usually found in White Orpingtons. I attribute this to strong foundation breeding stock, our pure air and Blue Grass range.

100 Acres in Russell Cave Poultry Yards and 7000 Acres in Elmendorf Farm. Express Prepaid on all Orders, either stock or eggs. Every bird absolutely guaranteed just as represented or your money back without any questions. If you want fair treatment, send me your order.

RUSSELL CAVE POULTRY YARDS

ELMENDORF FARM

LOUIS LEE HAGGIN, LEXINGTON, KENTUCKY

S. C. R. I. REDS

Have some very fine cockerels for sale. Will sell for \$5 each as I wish to make room for pullets.

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75c

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OUR new illustrated Trappers' Guide—yours free for the asking—is the biggest and most reliable guide published. Reveals valuable trapping secrets and the carefully guarded methods of successful trappers. What we tell you on Animal Bait is as important to any trapper as traps. Full



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That's what you'll be saying some of these days if you put it off too long and lose part or all of your flock in an epidemic of ROUP. When you see chickens moping, sneezing, coughing, watering at the eyes, heads swollen and fighting for breath, LOOK OUT! These are sure symptoms of the deadly Roup. One sick bird will infect the whole flock! Don't wait—keep Conkey's Roup Remedy always on hand!

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Conkey's Roup Remedy comes in powder form. Put a thimbleful in a gallon of water and the fowls will drink it eagerly. A 50-cent box makes 25 gallons of medicine.

We will pay 50 cents for the empty box if it fails to satisfy you, but it will not fail!

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Conkey's Poultry Remedies are endorsed by thousands of successful poultry raisers. One remedy for each disease. Every remedy guaranteed. Don't put faith in "shotgun" remedies. Every disease has a different cause and demands a special remedy.

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1000 cockerels and pullets ready to win. First prize and silver cup winners at Chicago, St. Louis, Springfield and Galesburg, 1908-1910. A few choice breeding hens for sale; also some of my prize winners. Send for special sale list. Catalogue free.

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Years of Careful Breeding

and culling enables us to offer an extra fine lot of young stock this fall.
If you want choice, stay white, line bred

Quality White Wyandottes

Show birds, breeders or utility stock, also a few choice cock birds, write

Pangalow Farm : R. F. D. 12 : Indianapolis, Ind.

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If you desire to win at the Fall and Winter shows, I can supply you with the winners in any of the following varieties: Cornish Indians, Houdans, Barred Plymouth Rocks, S. and R. Comb Rhode Island Reds, S. C. White Leghorns, Silver Laced Wyandottes.

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They're White, Bright and a Pretty Sight

That is our S. C. W. Leghorns. Foundation:—Chicago winners and the Wyckoff "World's Greatest Laying Strain." Exhibition and laying birds. RIBBONS AND EGGS that's what you want to tack on your poultry house. We can still supply a few more choice cockerels. If you wish to improve your flock or see the blue ribbons floating on your exhibition coops or both, we can fix you out. Prices, only the \$10 and \$25 kind left. Say which and we will describe the bird. Exact scoring given as marked by one of the most conservative and accurate judges in the state. Score card furnished with bird. For guarantee see our large ad in October issue, page 1132. Rocks and Buff Orpingtons still for sale. They are scored and very desirable. As to eggs for hatching, remember what we said: "Just as well hatch good ones while you are at it." For January, February and March, \$10 per fifteen fertile eggs. Speak early.

Galesburg Fancy Table-Egg Plant : 82 N. Henderson Street : Galesburg, Illinois

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Prize Winners at Illinois State Fair, 1910—In one of the largest shows ever held there, Judge A. F. Kummer of Butler, Pa., the Leghorn judge, pronounced our winning cockerel as one of the best he had ever seen. Our exhibition was admired by all. Prize winning hens scoring 95½. We have for sale a large number of April and May hatched cockerels which will make fine show birds for the coming shows. Young stock all raised on free range on clover and blue grass pasture. Fancy and utility stock, eggs by settings from prize winning pens and eggs by hundreds from utility pens and day-old chicks for sale in season. All inquiries receive our most careful attention without delay. Satisfaction guaranteed. Write for prices.

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THE MOST PROFITABLE BREED

You breed poultry for pleasure or profit. Strong claims are being made for some breeds, but there are no requirements that the Black Langshans cannot fill as all around layers, winter or summer table fowls, the show room or hatchers and breeders. 28 years' experience with the most of the popular varieties has shown me that the Black Langshan has no superior. Their quality and appearance of flesh as well as weight proves them the only substitute for the scarce and high priced Turkey, while they are the easiest and hardiest fowl to raise. Bred pure for centuries with no taint of foreign blood places them in a class by themselves. As for quality for three years in succession have won all firsts on males at Chicago but one, and has furnished first prize males for New York, Buffalo, Scranton, Springfield, Ill., and smaller shows everywhere. At the Ill. State Fair last month we won 1st and 2d cock, 1st and 2d chl., 1st and 3d hen and 1st pen. Every one of the above winners were bred at Hewes' Farm. We buy no stock to sell. Eighteen acres free range and our entire and personal attention. We have paid and received the highest prices ever known in the U. S. All stock on approval or price refunded.

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DO YOU KNOW THE PRESENT DEMAND FOR

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12 Months of Making History—We want you to know of the wonderful progress FISHEL'S Wyandottes have made the last 12 months, of the substantial growth of their popularity, how they have enormously improved in exhibiting quality, appearance and utility requirements.

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Quality and Quantity Combined—FISHEL'S Wyandottes have utility qualities as well as exhibition qualities.

White Wyandottes by the thousands that can win the coveted prizes, they appeal to intelligent prosperous breeders, breeders with a reputation, who rely on FISHEL'S WORLD'S BEST White Wyandottes as a foundation strain.

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Let Us Tell You the Facts and Give You Additional Proof—We have plenty and can convincingly prove why you should buy FISHEL'S WHITE WYANDOTTES. Send us a dime to cover cost of mailing and we will send you our new catalogue, it will be worth dollars to you.

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CHAMPION SUNSWICK STRAIN

— OF BLUE BLOODED —

Buff, Black and White Orpingtons

Winners of Gold Specials, A. P. A. Diplomas, Silver Cups, Sweepstakes Prizes, Specials for Shape and Color, Etc., Etc. Over 350 prizes in four years at such shows as Madison Square Garden, Boston, Cleveland, Hagerstown, Allentown and Baltimore.

Our Buff Orpingtons



"I am trying to tell you what I have won at Allentown, Penna., 1910, the Clinton Fuller Challenge Cup for the best Black Orpington in the show. My name is Black Sultan. I live at the Sunswick Poultry Farm, South Plainfield, N. J., and my owner has a lot more like me."

have won at all of the above shows during the past 4 years and have **quality** bred into them, but this year they are better than ever and are truly Buff wonders of the Orpington breeder's art. Our "Champion Golden King," a "Blue Blooded Buff," was bred at "Sunswick" and only exhibited in 1908-9. He won the following: 1st prize and \$50 silver cup Allentown 1908; at Madison Sq., 1st prize in open class, 2 silver cups, 1st prize for best shapemale. First and shape special, Boston, '09, and first at Cleveland, 1909. We have 800 grand young Buffs containing these blood lines, many sired by Champion Golden King, and can supply you **show birds** and high class breeders having this blood bred into them for several generations.

We won the Clinton Fuller Challenge Cup on our Black Orpington cock, "Sultan," for the best Black Orpington in the show. See the cut with cup beside him. This is the type we breed in Blacks. We have won in all classes at all the largest

shows in the country and can supply you with winners in Blacks as well as in our other varieties.

Our "Champion Madison"

Sire of the great hen, "Our Lady of the Snows," and many of our young birds, has won 1st prize and silver cup at New York, '07; 1st at Boston, '08; 1st and special New York, '08-9; 1st and 2 specials Boston, '09, and 1st prize Cleveland, '09. Isn't this the kind of stock you are looking for? Isn't "Our Lady of the Snows" a beauty? Isn't she the best that you have ever seen? Well, we have other hens related to her and some of her sons and daughters for sale. Let us start you with a fine pen or trio of our Blue Blooded Buff, Black or White Orpingtons. Start right and stay right. Our prices are reasonable and we guarantee to please you. Write us today.

Buff and Blue Orpington Ducks

These ducks have repeatedly beaten the Indian Runner as layers. We have the only flock of Blues in the country. Start with them now and get in on the ground floor.

Sunswick Poultry Farm Rufus Delafield, Owner

S. C. WHITE ORPINGTON HEN

"Our Lady of the Snows." This grand Blue Blooded hen is the most perfect type of a White Orpington :: ::



SUNSWICK POULTRY FARM
SOUTH PLAINFIELD,
NEW JERSEY

She won in a hot class at Allentown, 1910, first prize and special for best White Orpington hen; also the grand sweepstakes prize for the best hen in the entire show, all breeds competing, and she was the "sensation of the show." She is the daughter of "Champion Madison," was bred and reared at Sunswick and only the bluest of Blue Blood flows in her veins. She is deservedly a "champion hen" and will be heard from again. If you want some of her progeny, book your order now.

Box 200, South Plainfield, New Jersey

PETERS' WHITE PLY. ROCKS

The superior kind, that have won over 200 ribbons in last 8 yrs. at some of the leading shows. None better. April and May hatched chicks for sale reasonable. Write F. W. Peters, 460 East 18th St., Erie, Pa.

BANTAMS

Buff, White and Black Cochins. My 8-page catalogue sent free on receipt of 2c stamp.

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AMERICAN POULTRY JOURNAL

Entered as Second-Class Matter August 9, 1886, at the Postoffice at Chicago, Ill., under Act of March 3, 1879.

Volume 41

Chicago, Ill., November, 1910

No. 11

Wayne Wentworth—The Born Poultry Fancier

Written Expressly For American Poultry Journal by Frank C. Williams

"Mamma, see chickie laugh! Mamma, mamma, see chickie laugh!"

A moment before a sturdy little figure clad in a gingham pinafore, spotlessly clean, stood perfectly erect with chubby hands clasped behind him, his blue eyes following every movement of a very small yellow chick. Suddenly he made a quick move and, swooping down upon the helpless chick, held it tightly by the neck—so tightly that in gasping for breath its tiny bill was forced open, which in his childish imagination made "chickie laugh."

Dancing in glee, he ran toward the house.

At the cry a quiet little woman ran through the open door. Seeing Wayne with the chick in his hand, she attempted to loosen the hold of the baby fingers; but before she succeeded it was too late—the chick had breathed its last, and was limp and lifeless when she succeeded in releasing it.

"Oh Wayne," she cried, with tears in her eyes, "what will papa say? This is the third little chickie you have killed today. How would you like it, Wayne, if some great big man should come in this yard and hold you by your neck until you could not breathe? Now poor chickie will never run again or grow up to be a big hen, like Biddy."

The child's eyes now grew wide with emotion, as he regarded the inanimate chick. Then with a wild burst of weeping he hid his face in his mother's apron while he wailed:

"Wayne didn't mean to hurt chickie, mamma. Wayne just like to see chickie laugh. Won't ever do it again. Wayne loves chickies better'n anything. Want chickie to run again, mamma."

Mrs. Wentworth picked up the sobbing child and carried him into the house. Seating herself in the little rocker in the cool sitting room, she explained to him the weakness of such small creatures. To punish him, she forbade him going near the chickens during that day, confining him to the front yard alone.

Poor Wayne wept anew on hearing this decision and finally cried himself to sleep on the old-fashioned sofa, while his mother went back to work.

The opening scene in our story shows a neat farm house, surrounded by all the appurtenances of a small farm. In the front yard grew an abundance of old-fashioned flowers. Hollyhocks stood tall and stately by the picket fence, sweet Williams and mignonette in friendly proximity, while marigolds and four-o'clocks nodded lazily in a more secluded corner.

At the further end of the lot was the barn and implement sheds, and built closer to the house was a row of little chicken coops, around which the mother hens clucked in matronly solicitude, while broods of chicks ran industriously here and there seeking food, yet pausing frequently for short rests under their mother's wing.

After dinner Wayne's mother dressed him in a clean little suit of blue and, cautioning him again not to go near the chickens, she sent him into the garden while she sat down to sew. The heat of the day and the dull drone of the bees in the flowers lulled her to sleep, and she knew nothing more until aroused by a great commotion outside in the road.

She ran out onto the little porch just as a neighbor came through the gate with a small, blue-clad figure in his arms. Such a quiet little figure it was—no sound nor motion. The mother heart almost stopped beating and she leaned dizzily against the porch post. Knowing that she would be needed, she pulled herself together with a mighty effort and, taking her boy from Mr. Brown's arms, carried him into the house, while he ran to notify the father, at work in his little store close by. Then he jumped on his horse and rode for the nearest doctor, who lived about a mile away.

Mr. Wentworth could hardly breathe when he reached the side of his only child, but he paused long enough to kiss the pale cheek of his wife and whisper an encouraging word. Then they disrobed the small figure, so sadly battered and bruised. The doctor soon arrived; hatless and coatless he had ridden Mr. Brown's horse back to the Wentworth home. Very tenderly he felt for broken bones, and found that most of the injury was about the child's head.

It was impossible to restore Wayne to consciousness, and by nightfall he was raving in delirium. Mr. Brown related to the parents and doctor how the accident had occurred. A spirited colt belonging to Mr. Wentworth, not fully broken, was tied to a tree in an adjoining pasture, and little Wayne had wandered over to it, calling it by name in his childish voice. Mr. Brown, seeing the danger, shouted to him to stop, but the child, laughing in glee, started to run and did not stop until he was near enough to catch at the flowing tail of the horse. A quick snort, a flash of heels, and poor little Wayne's body was hurled against a tree as if shot from a cannon. The only thing that saved his life was the fact that the colt was not shod.

All that night and the next day and the next night Wayne moaned in delirium and the burden of his cry was "Chickies!" "Please let me go see chickies, mamma!" was his cry. "Wayne won't hurt chickies any more—Wayne loves chickies!"

With aching heart and tearful eyes the poor mother tended her boy—bathing the hot head, holding the restless, fevered hands, and trying to tell him that he might see his beloved "chickies" soon. But, finally, the delirium changed to a deathly stillness. The doctor gave forth his verdict that unless an operation was performed within twenty-four hours, Wayne would die. A piece of bone was pressing the brain, and if that could be removed and the child was strong enough to go through the operation, he would live.

So a specialist on brain diseases was summoned from Chicago to the small Indiana town where Wayne lay sick. The operation was performed on a bright, warm, summer morning, and that afternoon the doctor took the mother's hand and said, "Mrs. Wentworth, your child will live."

The autumn advanced and the winter snow was falling before Wayne was able to go out in the yard and look at the chickens, now grown from little fluff balls of down to large, pompous fowls. But the love for the feathered tribe was just as strong as ever in his childish heart, and he danced in glee when his father told him he could have chickens of his own to raise, feed and sell when grown, if he wished to do so.

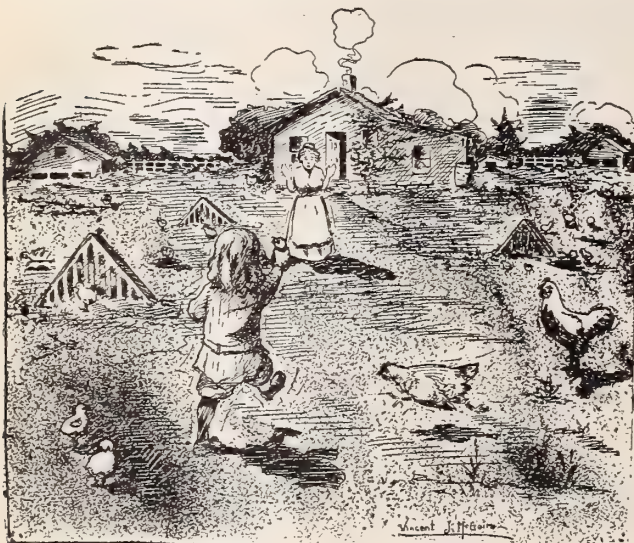
"All one kind, papa?" cried Wayne. "All one kind and color? I don't like to see one white and one black one."

"And what kind shall it be, Wayne?" asked his father. "Don't care, papa; any kind at all."

"Well, we will look over a copy of the American Poultry Journal, my boy, and maybe we can make our selection, and find out where to send for the best chickens and get the best prices. I will bring home a copy of the Journal tomorrow and look it over. Two weeks from tomorrow is your birthday, Wayne, and maybe we can arrange to have a pair of bantams here by then; and—if it is not too cold—you will gain strength rapidly by being out of doors, so you may help me to build a coop for them."

So the Journal was brought home and duly inspected, and although Wayne could not read very much, he was greatly interested in the pictures of fowls and their coops and houses. Mr. Wentworth sent for a pair of bantams, making arrangements to have them arrive on Wayne's birthday. In the meantime both were busy building a neat and sanitary little coop for their reception. Wayne carried nails and tools and small boards, and by his active outdoor life gradually recovered his round, red cheeks and bright eyes.

When the small chickens arrived Wayne was speechless with delight. With his hands clasped in the old familiar attitude he gazed on the bright feathered little creatures as they strutted proudly around in their new home, and whispered almost inaudibly, "My own pretty chickies!—and both alike," and, "Papa, just listen to them talking to each other; don't they want Wayne to feed them? When will they lay eggs? When will they hatch little chicks?"



"Mamma, Mamma, See Chickie Laugh."

These and numerous other questions Mr. Wentworth was compelled to answer, as Wayne wanted to know all particulars about his pets.

He spent all that day with his father. In the evening he brought the American Poultry Journal into the sitting room and, perching himself upon his father's knee, demanded "Tories of chickies." Mr. Wentworth read to him until his voice grew hoarse, and when Mrs. Wentworth came in after a visit to a neighbor's, she found father and son fast asleep with the A. P. J. crushed between them.

Mr. Wentworth kept a close eye on Wayne that winter, teaching the child how to feed the chickens and helping him to keep their coop sanitary. One day he brought home a half-dozen chickens of a mixed breed. Presenting them to Wayne, he waited with a smile, expecting another outburst of delight. Instead, however, Wayne regarded the mongrel flock with stern disapproval; refused to house them with his bantams and made such a terrible fuss that Mr. Wentworth finally disposed of the chickens. Adding a little more money to what he had already paid, he increased Wayne's family of bantams. Then there was rejoicing, indeed.

As the spring came on Wayne about lived with his poultry. He had entered the country school and felt very much like a man. To any one who asked him what he intended doing when he was a man, the answer was always the same, "Raise chickens of the finest kind."

Just about this time Mr. Wentworth failed in business. There was a financial scare all over the country, which affected rich and poor alike. The little store, which had always proved its ability to provide amply for the wants of

the small family, became a burden on his hands and he had to sell at a loss. He finally decided to move to a larger city and there work by the day. Something had to be done without loss of time, so he held an auction sale of all his possessions, and it is hard to say which wept the most bitter tears—Mrs. Wentworth, when her household goods went under the hammer, or Wayne, when his beautiful bantams were loaded into a wagon and taken away.

It was a sad little family that finally moved to Chicago and established itself in two scantily furnished rooms. How different from their comfortable little cottage, with its airy rooms, pretty garden and home comforts! Here, instead of being awakened by the crowing of the cock, they were aroused by the roll of wagon wheels, the blowing of factory whistles and the general turmoil of city life. It was hardest of all for Wayne. He would sit for hours with his face pressed against the window-pane, looking into the street, but apparently seeing nothing. His mother would put her arms around him and say: "What is my boy thinking of?" and always, with quivering lips the answer would be: "Thinking of my chickens, mamma. Do you think I can ever have any more pretty chickies?" And the mother would comfort him as best she could.

Mr. Wentworth had been fortunate in finding work in an express office, and life began to assume a somewhat brighter hue. Christmas was drawing very near, but was not made the subject of much comment, as both Mr. and Mrs. Wentworth knew how much they would miss the big home-fed rooster which had generally graced their table, in company with all the vegetables necessary, also home-grown. But they decided to decorate their two rooms with a little holly, fix as nice a dinner as they could afford, and buy a few inexpensive presents for Wayne.

"Ask Wayne what he wants Santa to bring him," said Mr. Wentworth to his wife, with a smile.

"You know the answer, I think," she replied. "Sometimes I wish there was no such a thing as a chicken. That child is simply grieving himself sick over the loss of his bantams."

"I wonder if we could get him some make-believes?" suggested Wayne's father. "I saw some decoy ducks in a window today and it set me to thinking that I could get the child some toy chickens. I hope we can do something to make his Christmas enjoyable. As you say, he grieves a great deal, and it seems to me he is growing too old for his years."

"You might see what you can find," said Mrs. Wentworth. "If you could get some toy chickens and a little fine lumber I would allow him to make coops in the kitchen, and it would give him something to do besides gazing out of the window at nothing." The next evening Mr. Wentworth brought home a package, which was taken to a neighbor's flat until Wayne was asleep. Then it was brought into the little kitchen and the contents placed on the floor.

Mrs. Wentworth tried to smile, but her eyes were dim as they rested upon ten bright yellow wooden hens and a large pompous rooster.

"These are sure to please Wayne," she said, "and I see you catered to his fancy and got them all the same color."

"Yes," answered her husband. "They are a very good imitation of buff leghorns. Won't Wayne's eyes bulge when he sees them, even if they are nothing but wood and painted! Now, tomorrow I will get some light planed lumber, small nails and a hammer and, although it will be frightfully noisy for you, we will allow our young poultry fancier to amuse himself if he can."

"I helped Mrs. Miller decorate her Christmas tree this morning," said Mrs. Wentworth, "and there was a very large branch cut off to make it fit in the window, so I brought it home. I think if we tie it firmly to the back of this chair and group the chickens on the chair around it, it will look quite imposing. I made some candy, too, and Mrs. Miller gave me almost a pound of fancy crackers and cakes. I think, dear, we will be just a little extravagant and buy a few candles. He is all we have, you know, and his Christmas seems so pitifully small."

"I know it does, Wife," answered her husband, "but it is the best we can do, and if you feel so badly about what you term his 'small Christmas,' how do you think I feel when I can do so little for him and nothing at all for you? I tell you it makes me feel pretty blue."

"Ah, yes! but we have each other—and that is a great sufficiency," Mrs. Wentworth said, throwing her arms around his neck. "It is different with us grown folks. And now we must throw off this attack of the blues; so you run along and buy the candles and we'll make the best of what we have and be thankful we are all together."

(To be continued.)



WHO'S WHO IN HENDOM

I guess that I'll make a quiet afternoon of it today. I have filled me full of good food. That is to say, that I have eaten heartily and yet not to excess. This morning I cleaned twenty brood coops, filled in a brooder house floor with fresh earth, cut a couple cords of kindling, and then shelled a three-bushel basket of prunes. You bet I had an appetite and showed it. The neighbors in the meantime had brought in a couple of squabs, braced and waddling in their own gravy, these flanked by a few slices of well-fried catfish, and the whole garnished with a layer of carrots and then a couple of quarts of cream sauce. Take this, and a few olives to put the edge onto the appetite, a side dish of assorted rutabagas smothered in garlic, half of a bottle of Dustyne and one and a half peach cobbles to top out the stack and keep the rain out, and you are ready to call all the world by its front name and slap small men on the back till their teeth crack.

During the meal I had a good laugh. And unlike David Grayson, whose wife was so pious that her one look soured milk, I did not have to go out behind the barn to vent my mirth. I just read G. M. C.'s account of the A. P. A. meeting and compared it with the St. Louey papers. Comic supplement vaudeville! The members of the family who know I am plump nutty on the chicken question dropped their implements of warfare on that dinner and stared me into submission. After I compared all the matter before me I decided that some one got spanked down there on that hot August day.

This month's matter is going to be pretty well scrambled, as far as Who's Who is concerned. I am going to give the judges their's and shall also tell of some of the vicissitudes of running for office on an A. P. A. ballot. Will probably give some advice to the secretaries and may get well spanked for my pains.

We all know Reese Hicks is going in for the A. P. A. presidency. He has about earned it and thinks that if he can make the race successfully that he will then be in position to throw a spell of quietus over some of the noisy ones who occupy front seats. Hicks' one motto is: Don't get noisy—pull out the soft pedal. He is just as conservative as LaFollette, his satire strikes home like the Walt Mason brand of philosophy, and this is the conversation that probably took place between his wife and himself after he decided to go in and get something from the A. P. A. bean pot.

Reese has walked home after a hard day's work in the office. In Topeka all the hard-working men walk home. I have been there and I know. This is not saying that I ever worked hard there. Far be that from me. Reese has walked home, as I said. He has arrived. He left the office at five of an early summer's day, and his homeward path has been fraught with mental ease. The birds are singing their last evening carols, the dying honk of Rankin's stink wagon has faded into an ethereal nothingness, the sun in all its occidental splendor has dropped its talons astraddle Denver and will soon be lost beyond the haze of another day of toil. Hicks notices all these things. McGrew once told him that if he was ever to soar in flights of oratorical splendor he must imagine himself alone on a seat where he could cast his eyes upon the jaded world and mentally revel in the beauties that once were hers. Great idea. So Hicks has been thinking to himself. Some of you may think this strange. The world has been good to him. He appreciates it, but the goodies he has been handed by her, he assumes to himself, he has put forth energies to attain, so now he decides it is time again to put a mit into the grab bag of chance, hence he broaches it to his wife:

"What!" she exclaims, "you going to run for another office?"

"Good guess," replies that not too committal Hicks.

"You are thin enough now without any more running;



U. R. Fishel, Hope, Indiana

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and remember, what politics did for you in Tennessee," she warns him.

"Well, this is and isn't politics."

"What sort of a game is it? Won't you get lambasted in all the papers and won't folks tell lies about you and all that sort of thing?"

"Yes, I suppose folks will lie about me, but that don't hurt. If it did I would not holler about it. I owe my life to the American Poultry Association and should not shirk a duty that its affairs thrust upon me."

And then Hicks turns away to the window and looks out through the mist that gathers in his eyes as he recalls the trust placed in him by this great associated

body, whatever that is. He remembers that he is in the hands of his friends and what they will he doeth. He recalls the weighty problems he has been called upon to handle for the A. P. A. and feels that they will again turn over to him the brunt of the affairs to best sift and adjust as he may, taking his decisions as a matter of course and leaving all to him.

And feeling thusly he retires into his library and there goes ahead with his speech of acceptance, not heeding the call to dinner or feeling aught of the pangs of hunger. Outside the orioles are teaching the fledglings how to do the Glenn Curtiss act, the twinkling of the neighbor's lawn mower is lost upon Hicks' ears, and the whole atmosphere seems to Hicks to be charged with hefty problems of the poultry fraternity, all of which our hero must incorporate into his speech, inasmuch as they press down upon the heart strings of this public-spirited and benevolent citizen of the Rooster Republic.

Yes, Hicks takes things as they come. He also takes them seriously, withall the face he puts on seemeth full of the frolic of mirth. But he has announced himself, and we shall see what we shall see, and in the meantime voters will go ahead pledging themselves to substantiate his cause and policies at the polls. One thing is certain, we will have a real live president of the A. P. A. if we elect him, albeit we might have to cage him at times.

Here comes Henry Steinmesch! He is running for president, too. We are glad of it, as he will help to keep the political pot boiling. There is nothing one can say about Henry that will dampen his ardor. He is an old-timer when it comes to running for office, and he was dried out years ago, then case-hardened to prevent any more dampness entering his mental anatomy. Mean words that other folks say about him run off his back like water off a tile roof. The duck's back isn't in it with a tile roof. I do not like the term duck's back anyway, as it sounds too poultryfied. Let us eschew technical terms, and like the land-lubber at sea or the sail on land, pretend to be something we are not. It is quite the style to be something else than what you are.

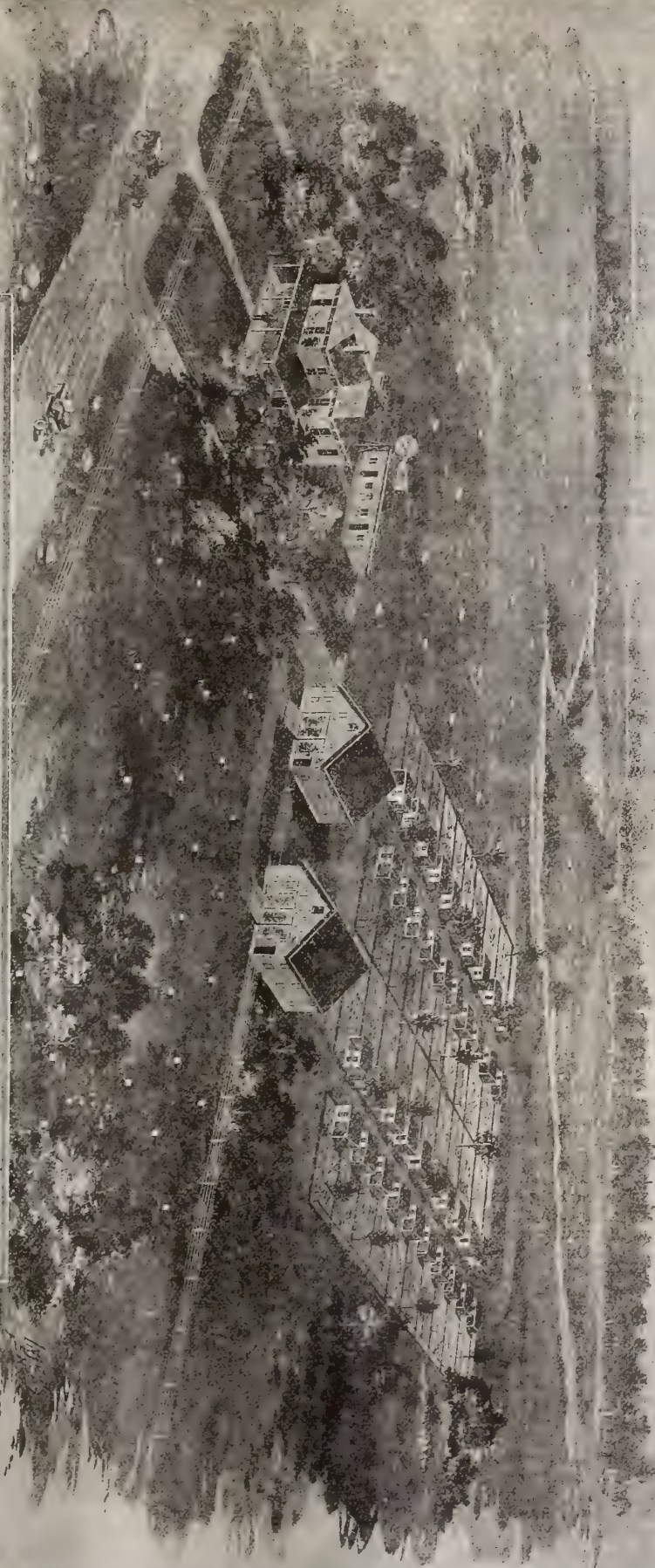
But let us get back to Steinmesch and our canned clothes pin.

It was Henry who gave us the straight steer about certain men we have carelessly put into office. Ask Billy Russell! He gets a line on a man and forever he knows him. Never have Henry camp on your trail. It means the rope's end. Whatever there is going on in the A. P. A. political way, Henry knows. He has a source of first-hand information. It just naturally seeps into his gray matter and he files it away for reference after correctly card indexing it. The rest of us would have to maintain a whole retinue of henchmen and an information bureau corps to get the matter that just falls into Henry's lap, so to speak.

For instance: Henry got enough good information while the A. P. A. boys were down there camping with him—though sweltering with him might be a better term—to give him a generally good line on any of the delegations present, hence, said line will be used to string a few votes upon.

C. L. Buschmanns R.C. R. I. Reds, Indianapolis,

located 14 Miles North of Indianapolis
at Carmel Ind



Henry does not talk much. He listens perfectly. When he hears something worth listening to he keeps both ears open, but if he happens to get into a dead bunch, watch him beat it for a livelier point. Then he is some entertainer. He was the chief spoke of the entertainment wheel that cared for the boys at St. Louey and they will not forget it. Human



First prize cock, Chicago, 1909.

nature is pretty much alike, in the words of Swineburn, immortal poet. We all like to do favors for favors received. That is, we do if we are normal. If we are abnormal it makes no difference what we do.

Henry has barely started his campaign. Wait till he opens things up. He can crack a few skulls or, what is better, make them think they are cracked, when he tries. He knows the world is full of fools, and that the Lord certainly loved us or He would not have made so many. When he goes out for office he goes after the big men for their support first. He well knows that the rest of us will trail behind.

Another of the candidates for the office of president is our old-time and mutual friend, Tom McGrew. Tom was served up on the spit once in this column and we desist from saying anything more about him. He is a doughty little warrior and his shoulders are broad, hence he can stand anything we say about him. He has a lot of friends in and out of A. P. A. offices, and has been holding office so long that it is a wonder he is not made a dictator or something just to save the expense of putting his name on the printed ballots every year. Tom might make a good race. One can never tell how fast his pair of pedal extremities, though short, will carry him. He might win in a walk. It's a cinch that he will not run far nor lose sleep over the race.

There's Henry V. Crawford, mayor of Mont Claire, N. J., who is also making the race for the presidency. He may not be making great efforts of his own accord, but his being somewhat in the hands of friends shows that he is more or less of a candidate. You cannot have any fun with this man. He is as sober as a judge, never jokes or says aught that would cause a mental jollification. He is earnestly at work trying to better the showing rules of associations and tries out his new ideas every year at New York, which show he has run so successfully for some moons. We have come to value him as one of the wise heads of the A. P. A. and know that he would make a sane president.

Purvis is another of these who are going to run. His first name is Miller and, contrary to the usual opinion, he was not called Milly when a small scion of the house of Purvis.

Purvis writes books, poultry books and articles for the poultry press. He has a literary way about him that permeates all his writings, and though he does not come out and say it he really thinks that he would make as good a president as any incumbent we have had.

That's nice of him.

All you have to do to stir this man up is to say something he does not understand or that will give him a chance to opionate against you. After he once camps on a fellow's trail it is all off with the trailee. He is merciless in his pursuit and calls whiskers, lamberquins (pronounced lamberkins) and says and does other things that marque him as a genius. His last write-up of the A. P. A. meeting is as good as a tonic for the liver. He descended to vile, American slang for the first time we ever read him. His classic references to Thusydidies, Euripides, Marcus Aurelius, Abdu El Yezdi, Botticelli, Locke, Jack London and Noah's Ark mark him as a man of letters. We pick these names at the public libe. shelves, feeling sure we are not wrong, though we know that we are not right.

For recreation Purvis crosses, Peafowls with Armadillos, Silver 'Dottes, with Pootras, and then inbreeds the results. He has a mania for statistics and longs to be known as the human receptacle for all this sort of knowledge. He gloats over the fact that all amendments were thrown out the window except his at St. Louey. He advises success in the chicken business by telling you to subscribe to all the best poultry papers and then burn them as they arrive, except his. Forsooth, he is the Human Exception. Nothing he can accept except acceptances formerly excepted will he accept. I have always liked him for this. It causes one to know just where he stands. It gives voters implicit faith in voting as they think best, never minding the exceptions he accepts. Let us all go to the polls and pool for him.

* * *

"Charles D. Cleveland comes before us this evening with the sublime assurance that of all of us he best knows what is in his own mind. I am pleased to make him acquainted with you."

Loud and long applause.

This applause followed the introduction of that famous poultry speechmaker, who manufactures harmony and geniality after the battles in the A. P. A. arena. There is



First prize pullet, Chicago, 1909.

an art in making you feel that you have no troubles. Mr. Cleveland is an attorney, or, better, he is a lawyer. He knows the law so that he can keep folks out of its toils. I like that idea. It shows great perspicacity, perustration, conspicuity, comprehension.

Cleveland will take care of himself. He is one of that

kind. I never heard of him being in the hands of his friends. That's a really good point in his candidacy. The reason the A. P. A. has tottered along for so many years is because we have had no more Clevelands in it.

A man says to a Hebrew:

"Pumpkinville is a nice little town, eh? What? A fine village, huh? There ain't a Jew in it."

"Sure!" acquiesces the Hebrew. "That's why its a village."

That's the point: We need more Clevelands. We have been a village long enough. Nice, little, cozy, and snuggled up tight! Sounds good and all that, but let us have more Clevelands and more breadth between the eyes.

DEFORMED BREAST BONES

**Many Theories Advanced as to the Cause—The Use of Them as Breeders—
Farm Raised Stock Seldom Have Crooked Breast Bones—The
Best Method to Prevent Deformed Breast Bones in Fowls**

Written for American Poultry Journal by Jos. Shakespeare, Warley, England

IT HARDLY matters under what conditions fowls are reared and kept, or what the breed of fowls may be, some of them are liable to have deformed breast bones. In some cases the deformity will only be in the form of a small indentation, whilst in others the cartilage will be badly twisted. Though a crooked-breasted fowl may pass unnoticed in the exhibition pen, it fails to please the eye of a good carver, as it interferes with the proper removal of the daintiest portion of the bird.

Game fowls, and especially Indians, being, as they are, but scantily feathered on the breast, show the deformity more than any other breed, and no doubt on that account such a deformity accounts for disqualification on the exhibition bench, and rightly so, since game fowls are among the best breeds of table birds.

Concerning the cause of deformed breast bones there are many theories prevalent among poultry keepers. Some contend that badly-shaped perches account for the mischief, whilst others attribute the cause to the chickens perching before the cartilage is matured and hardened. These perch theories are extremely old and numerous. I heard of them a quarter of a century ago, and whilst admitting that badly-shaped perches and early roosting may have something to do with breast deformity, I failed, after carrying out the advice of the theorists, to prevent the occurrence of breast indentation among the young stock. When game fowls were

bred for fighting purposes as far back as 1800, I learn that crooked breasts were a cause of trouble to breeders, and were discussed from the badly-shaped perch point of view, and many "cockers" insisted on having their roosting houses provided with round perches covered with woollen cloth or other soft material. These perches were just thick enough for the birds to grip comfortably. The advice of these old-time game breeders is even put into practice today in some poultry yards, and particularly in yards where turkeys are reared, deformed breasts being very objectionable in that class of poultry.

Some writers have contended that fowls with deformed breasts should not be used in the breeding pen, and the comical part of the business is that the same writers attribute the deformities to ill-shaped perches, or to the premature roosting of the young fowls. This is a piece of nonsensical theory. One may as well contend that the chickens bred from a dubbed game cock will be deprived of their combs without the aid of scissors, or that the progeny of a fowl whose eye was injured at an early age will be born blind. I am of the opinion, and my opinion is based upon thirty years' experience among poultry—that erratic feeding and improper foodstuffs are at the root of the mischief. We all know to what a size many exhibition birds must be grown if they are to hold their own on the show bench, and it is among this class of fowls more than among all others that breast bone deformities are met with. Birds hatched out early in the year, and which are intended for the early shows are grown as quickly as possible in the given time. Such foods are used and in such quantities as will get them to premature maturity long before mature age is reached. Flesh forming rather than frame building foods are fed to the youngsters, with the result that the cartilage becomes too soft to properly carry the amount of flesh put upon it, and it matters not whether the birds squat or roost, that part of their frames coming into contact with the floor or the perch becomes, by the pressure of their bodies, twisted out of normal shape. If the ill-shaped perch is alone responsible for breast bone deformities, why are such deformities so often met with among Brahmas and Cochins, breeds which, to preserve foot feather, are not allowed to roost from the time they leave the shell till they reach maturity? These breeds must be subjected mostly to a soft food diet, so that abundance of feathers may be obtained and size insured, but the feeding of so much soft food has a detrimental effect upon the frame, inasmuch as it promotes a soft rather than a firm development of that member. Leg weakness is met with more among the heavier breeds of fowls than among the more active kinds, and this is owing to the fact that the former class of birds are naturally flesh producers, whilst the latter are of a sinewy and muscular nature and are capable of warding off superfluous flesh by great activity.

Fowls running at large around farm homesteads seldom



Breeding houses and large grass runs at Old Homestead Farms, J. H. McDanell, Prop., Warsaw, Ky., breeder of Golden and Columbian Wyandottes.

contract crooked breast bones, although they roost at a very early age, and when they do take to perching they prefer to sleep on low tree branches, barrow handles, wheel spokes, iron bars, or anything approaching what up-to-date poultry keepers would term discomfort. Such birds are, as often as not, left to their own resources. They have to forage for the greater part of the food they consume, and as such food is generally composed of grasses, insects and grains, the birds enjoy a semi-wild existence, grow gradually, and develop a well-balanced body. Birds living entirely in a wild state rarely, if ever, contract crooked breast bones; in fact, so far I have not come across a case. It must not be imagined from the foregoing remarks that young fowls may safely be allowed to roost on any kind of perch, indeed, domestication has rendered it unsafe to allow many breeds of fowls to roost at all before full development is reached. We should certainly give our birds a properly shaped perch to roost upon, but if they are predisposed, through our error in feeding, to contract crooked breasts, no perch, however well shaped, will avert the trouble.

The occurrence of crooked breasts is more to be deplored in utility fowls than in exhibition stock, since little excuse can be entertained for the raisers of the former. Fashion in exhibition circles compels breeders of show fowls to raise their stock in such a manner as to lead to deformities of the cartilage. Breeders of utility birds should so manage their growing stock as to insure strong, sturdy frames. It often happens that young pullets are forced by the use of concentrated foods to lay long before full physical development is reached, with the result that what should go to the building up of perfect frame and flesh is expended in the pro-



First prize Buff Wyandotte cock Toledo, 1910. Owned by H. V. Kell, Canton, Ohio.

duction of eggs. Such pullets being undeveloped and consequently gristly in frame are naturally likely to contract breast bone deformities, since, with the production of eggs, physical development to a great extent ceases. The best way to insure big, robust and perfectly framed birds, is to let them mature slowly by feeding them mainly on grain, commencing with dry chick feed and following with wheat when the youngsters are three weeks old, and relying on this grain till the birds are three months old, when good, plump oats should be introduced and fed alternately with the wheat. The only soft food the birds should have is a little mash first thing in the morning to quickly satisfy them after their night fast. Bran should form a prominent part of the mash, as it is a good bone former. During the earlier stages of development the youngsters should be induced to exercise as much as possible. Give them earthworms and other insects, or failing these, a little lean meat occasionally. Once a week add a sprinkling of bone meal to the morning mash, and a pinch of iron sulphate to the drinking water.

When the birds are showing signs of losing their chicken feathers and donning their first adult plumage, it may be taken for granted that their frames are developed sufficiently to be padded with flesh, and more soft food and animal matter in the form of cut green bone may be given. At this stage oats in a whole and ground state should form the major part of the diet. So fed, the birds will steer clear of crooked breasts, mature into big framed adults, and prove the best of breeders.

The White Orpingtons are certainly having their inning, and the demand is steadily increasing.

THE CONNECTICUT POULTRY ASSOCIATION

The Holding of the Annual Field Meeting—Profitable Poultry Keeping—Fattening Fowls for Market—Feeding for Eggs in Winter—White Diarrhoea.



HE Connecticut Poultry Association has made good! If the organization sticks right to its text, and continues to be conducted as recently, for the benefit of the poultrymen of the state, it will prove a power for good to the whole poultry industry. Thus far it has shown the way, and we have hopes that it will continue to lead the procession.

The meetings of the Association are always well attended. For the last two years the big time has been at the two-day field meeting held at the Connecticut Agricultural College, Storrs, Conn., immediately after the close of the summer school of that institution. It would be difficult to find a better place for a field meeting. The college buildings are ample to care for a good crowd regardless of weather conditions, the dining hall can easily furnish meals for a large number, and the dormitories are of sufficient capacity to accommodate those who desire to spend the night at Storrs. Transportation facilities are not all they should be, but once at the college the expenses are very low, meals costing but 25 cents, and no charge being made for rooms.

Tuesday and Wednesday, August 2 and 3, were the dates selected for the 1910 meeting. In spite of a fearful thunder storm which swept over the state Tuesday morning, between 200 and 300 of the regulars were gathered at the college when the exercises were opened. The crowd changed somewhat during the meeting, as some people were compelled to go home early, while others could not come until late. There were poultrymen from all over the eastern United States, and a happier crowd was never seen. Everybody "talked shop," and all seemed happy and well repaid for making the effort to attend the meeting.

When the Association was called to order President Beach, of the college, made a most pleasing address of welcome. To this President Rogers, of the Association, replied briefly, and then Prof. Stoneburn was called to the platform for a few remarks relative to the work of the college and experiment station.

Mr. F. W. C. Almy, of Rhode Island, followed with a most interesting talk on "Profitable Poultry Keeping." Extracts from his address follow:

"I have been asked to come up here and tell you how in Rhode Island we manage to make a living in the poultry business, how we make an annual profit of \$1.00 per bird, how many hens one man can care for under our system.

"In business one item to be considered is keeping expenses as low as possible without failing to give the stock the necessary care and attention. We get pretty near to the bottom of the scale. It costs us about 50 cents per bird to house our stock, a house costing \$25.00 accommodates 50 birds. This is getting it down about as low as can be done under New England conditions.

"Of course, the climate of the little Compton district is with us. The weather is such that the birds are out of doors practically all seasons of the year. It is seldom that we have them confined more than two weeks during the entire winter.

"It has been said that the secret of profitable egg production is in hatching the birds early, keeping them growing and making them lay early. As a result of my experience I can say that that covers the ground.

"Most of my hatching is done with hens. I set from 50 to 60 hens at one time and usually an incubator also. At the first test I replace infertile eggs under the hens with fertile eggs from the incubator, and fill the machine again. This gives each hen a good number of fertile eggs and they usually bring off a good hatch. If I could arrange it just as I like, I would have all chicks come off the first of April, but when hatching with hens this cannot be done, so I get my earliest ones out the first of March.

"The chicks are cared for by the hens, each hen being given 20 to 25 in a small coop.

"For feed I use the commercial chick feed, giving nothing else for the first week. After that they are fed a variety and are given the run of a field of several acres in extent.

"I set my chicken coops in two rows rather close together, with water dishes and feed troughs for mash and dry grain

between the rows. This saves much work, and the chickens soon learn where to come for their meals.

"Surplus males are sold for broilers as rapidly as they reach the desired weight.

"If one wishes to build up a good egg trade it is desirable to have a steady egg yield throughout the year. I endeavor to have a supply of eggs at all seasons, and never try to force the birds at any particular season.

"In the fall I plan to sell off all my two-year-old birds as they stop laying, selling a good-sized bunch every week, and replacing them with early developed birds. I keep all my yearlings, as they prove to be good egg producers as a rule. My birds are all housed on the colony plan, each house being about 8 feet by 12 feet in size, made of unmatched hemlock boards. The floor is sand filled in several inches above the ground level.

"My method of feeding is simple. Once each day I drive around to the house and put mash in one end of the trough and a mixture of corn, oats, wheat and barley in the other part. I feed cooked mash. I usually give the birds feed enough to last all day, so that I do not have to go near the house again except to pick up eggs or to do other work of this character. In this way the expense for labor is reduced. With the assistance of one boy I can do all the work of caring for 2,000 birds.

"From my experience I can say that there is a profit to be made from the poultry business. For a number of years it has been my only business.

"I cannot tell just what it costs me to feed my hens. I keep my grain in bins, and from these bins feed my birds, three or four horses, and five or six cows. But I do know that my profit from year to year averages better than \$1.00 per hen. During July of this year I had 1,500 hens, and for

buy a lot of chicks that have been reared in small yards, and we immediately turn these out on range until they have acquired some of the necessary vitality. We select chickens that are about half grown, and weighing from two to four pounds, and we find that such stock makes the greatest increase in weight. This increase varies, but I have made chicks double in weight in three weeks. I will admit that this is exceptional.

"Profits on various lots of chicks vary. I remember buying one lot of 100 birds for \$30.00, and after seventeen days selling them for \$100.00. Considering the comparatively small amount of feed and time required to finish this stock, this made a very satisfactory profit.

"The feed should be of a creamy consistency, feed twice daily with the feeding at equal intervals. We use a mixture of equal parts corn, oats and barley. It is necessary that the grain be ground exceedingly fine, and we experience our greatest difficulty in getting the material fine enough. To mix the feed we prefer to use buttermilk, the next best thing being skim-milk. In case we cannot get milk we use water, using a small quantity of meat meal to increase the protein. We feed the birds entirely on the machine and do not use troughs, as is customary at some fattening establishments.

"Birds fattened in this way are much better than those fattened by any other process. Of course, all 'finished stock' must be dressed before marketing, in order that the dealer may see the grade of the goods."

At the close of a lengthy discussion which followed Mr. Skinner's talk, the crowd moved over to the poultry plant to inspect the buildings and stock, and also get a line on the experimental work. Apparently the most interesting and important experiment now under way is the investigation of White Diarrhoea of chicks, which was begun last



Field meeting Connecticut Poultry Association, Storrs, Conn, 1910.

my eggs sold at market prices received \$500. The total amount of grain fed to all stock, poultry, cows and horses cost less than \$300, and this shows a profit of over \$200 for the month, not including the growth of the chickens.

"Grain is a great deal higher than when I went into the business, but the advance in the price of eggs has been more than enough to make up this difference. When I first started to sell eggs, the average price for the year was 22 cents, but they have steadily advanced, and last year my average was 35 cents."

Mr. Fred B. Skinner, of Greene, N. Y., took the platform at the conclusion of Mr. Almy's interesting and helpful talk. This gentleman has long made a specialty of high-grade market poultry, for which he finds a ready sale at astonishing prices in the New York markets. He finishes practically all of his market stock by the use of the cramming machine, and as a result of his wide experience he declares, without hesitation, that this is the best method of producing the highest grade stock. Mr. Skinner had a cramming machine, various food stuffs, and a lot of birds on the platform, and during his address he demonstrated the mixing of the feeds, the operation of the machine, and fed quite a number of birds. The audience followed this demonstration with the greatest interest.

In part Mr. Skinner spoke as follows:

"Our best markets require a good quality of flesh on market chickens, and we have demonstrated it to our satisfaction that the use of the fattening machine is necessary. We buy many of our chicks from the farmers, and for machine fattening use those weighing anywhere from 1¾ to 5 pounds. Birds grown on free range are best, possessing more stamina, and being able to undergo forced feeding. Sometimes we

year. This experiment is being conducted by Dr. L. F. Rettger, of Yale University, and Professor Stoneburn, of the experiment station, and very satisfactory progress seems to have been made. The crowd was greatly interested in the comprehensive exhibit made by these gentlemen, showing chicks in various stages of infection, post-mortem appearances, etc.

At 7:30 in the evening the Association was called to order, Mr. L. H. Baldwin, of Toronto, Vice President of the American Poultry Association, being the principal speaker. Mr. Baldwin's reputation as a forceful and interesting talker brought out a good crowd, and every seat in the college chapel was filled when he began to talk on "Some Aspects of Artificial Incubation." After classifying incubators according to the methods of heating and ventilating used, Mr. Baldwin said: "There are three things, to my mind, that we, as practical men, have to consider. These factors are heat, humidity and ventilation. There is a great deal depending on two of these factors, perhaps not so much on the question of heat as of ventilation and humidity. . . . I think that the first twenty-four hours of incubation is a decidedly important part of the incubation period. If you are going to get well-developed, vigorous chicks, they must be good specimens in their embryonic stage, and if the embryos are weak, you may expect weak chicks.

"After reading about open bottom incubators, I came to the conclusion that we should have more fresh air in the incubators. I purchased some open bottom machines, and introduced a system of ventilation in my incubator room. I have always looked upon carbon dioxide as a poison. It is no more a poison than oxygen. You cannot live without it. The theory that White Diarrhoea was due to poor ventilation

was as complete as we could wish it, but after introducing these open bottom machines and the additional ventilation, I had the worst epidemic of White Diarrhoea among my chicks in all my experience.

"I personally think that if chicks are in a healthy, vigorous condition they will not be so ready to get White Diarrhoea. This disease, like all other diseases, takes hold of the less vigorous chicks. A flock of chicks that comes from the incubator in a weakened condition and lacking in



Officers Connecticut Poultry Association and speakers at field meeting, 1910.

vigor is ready to contract any disease. I think if you can only get vigorous chicks, you will be able to raise them. You frequently notice that chicks running with hens will get chilled and wet, and you pick them up apparently dead. Place this same chick in a warm place and it will come out chirping and seemingly as well as ever. The chicks developed under natural conditions can withstand the knocks of life, and it is the profitable chick."

For over an hour Mr. Baldwin held his audience, discussing his various experiments and experiences, giving practical hints and solid advice. From the applause given him it is evident that Mr. Baldwin will be welcome in Connecticut whenever he can visit the state.

The rest of the evening was devoted to what proved to be one of the most pleasing features of the entire program, a musicale which had been arranged by Mrs. Stoneburn, and for an hour and a half the audience enjoyed a treat.

Wednesday morning Mr. F. S. Gammack, of West Hartford, and "Honest Dan" Lambert gave a demonstration of dry picking at the poultry plant. Promptly at 9:30 the morning session was called to order, and the first speaker, Mr. H. W. Jackson, of the Pennsylvania State College, discussed "Feeding for Winter Egg Production."

"After all the matter of winter feeding is simple. One of the things that make the securing of winter eggs a difficult matter, is that we try to get them where they cannot be gotten. We have fallen into the way of thinking that feeding could be so arranged that we could get eggs under any conditions. There is no feed that will make hens lay. Hens are not machines. Get the idea in your own mind that



Poultry Class 1910 Summer School, Connecticut Agricultural College, Storrs, Conn.

you are not dealing with machines, but with mothers. Hens lay when they want to, and the essential thing to do is to get the hens to want to lay. Health, vigor and vitality are of paramount importance.

"First select hens that are of good laying strains, and then house them properly. Hens must be comfortable if you are going to get eggs from them.

"When it comes to feed, there are two methods—simple and complex. Last winter our hens at State College were confined from December until March, and they could not get out of the house without wading in snow, or going on the ice, and these things certainly affect the egg yield of your flock.

"The simple method feeding is not likely to be successful when the hens are confined to the house. They need to be supplied many things to make up for what they are missing in being confined. When hens are confined in their houses the simple method will not supply exercise and poor appetite results. The only reason why we introduce any measure of complexity is in order to give the hens exercise.

"Dry mash may be kept before the hens all of the time, and they will not eat too much of it. It gives the weaker ones a chance to get what they need when otherwise they might not be able to do so. It saves labor. Feeding for eggs in the winter time must be largely a matter of convenience. In the winter I think the dry mash naturally saves much labor, but I would not depend on the dry mash. There is another consideration about feeding wet mash. Help



An early hatched White Plymouth Rock cockerel that shows great quality Bred and owned by H. W. Halbach, Box A, Waterford, Wisconsin.

cannot always be depended upon to handle wet mash properly, but the dry mash can be fed by help.

"It is necessary that the hens should have some animal food. They cannot get along on all vegetable food. The most common animal food is beef scrap."

The program was concluded with an address on "The Breeding and Care of Exhibition Poultry," by Judge W. H. Card. The judge told many things that ought to be done, and how to do many things that ought not to be done when getting birds ready for the show room. His talk was replete with epigrams and funny yarns, though this did not prevent him from giving much practical information and sound advice.

Everyone considered the meeting a huge success, and the poultrymen of the state are already looking forward to the big field meeting of 1911.

Keep accurate records! Such records will show smaller but actual profits, and will point the way to greater profits. If everyone did this we would hear less of the elusive "paper profits" of the poultry business and more of the actual profits, which are indeed great.—Poultry Item.

PRIZE ARTICLE

DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to Fred E. Lewis, Hartford, Conn., and the second prize to C. A. Umosselle, Hammononton, N. J.

THE BACK-YARD FLOCK VS. THE HIGH COST OF LIVING.

IN the writer's opinion the tendency and desire of a great majority of suffering humanity is to adopt some means of counteracting the evil effects resulting from the unnaturally strenuous conditions imposed upon us by the present standard of living.

Due to the increased competition in all lines of business, the demands and restrictions upon labor are becoming more severe, while the cost of living is acknowledged to be increasing from year to year out of all proportion to the increase in wages.

It will thus be seen that we are burning the candle at both ends—undermining our constitutions for the same or slightly advanced wages while endeavoring to obtain a living that is constantly costing more.

In other words, we are losing more vitality and saving less money.

Perhaps the argument that the capitalists might put up would be that due to the fact that the average length of life is less now than formerly, a person doesn't have to save so much to prepare for old age.

However, be that as it may, the facts remain as heretofore stated, and it behooves all of us to eliminate as much as possible any condition that tends to restrain our freedom and successful pursuit of happiness.

Those whose tastes and inclinations are of a rural turn

have the advantage over those who prefer the glamor of city life, and their chances of ultimately reaching the goal of true happiness are much greater, for the closer we get to nature the nearer we come to ideal conditions.

Now, of course, it isn't possible for all of us to satisfy our wishes in full, but we can at least carry out our desires to a certain extent, and to those who are rurally inclined but, due to circumstances, cannot take up rural vocations as a business, the back-yard poultry plant offers one of the most healthful and remunerative investments that it is possible to find.

It would be surprising to a great many people to know how small an investment is required to not only make a saving in household expenditures, but a good substantial profit as well.

The writer has made \$2.40 a year per hen, this result being determined by carefully keeping a comprehensive set of records showing all receipts and expenditures properly classified.

And speaking of records, I wish to say right here that it is absolutely essential that a careful account be kept with every department of the business in order that we may determine where we are making our gains and more particularly our losses, for in case of loss if we do not know the cause we cannot apply a remedy. And I honestly believe that 50 per cent of the failures in the poultry business today are due to lack of system and consequent ignorance of actual conditions.

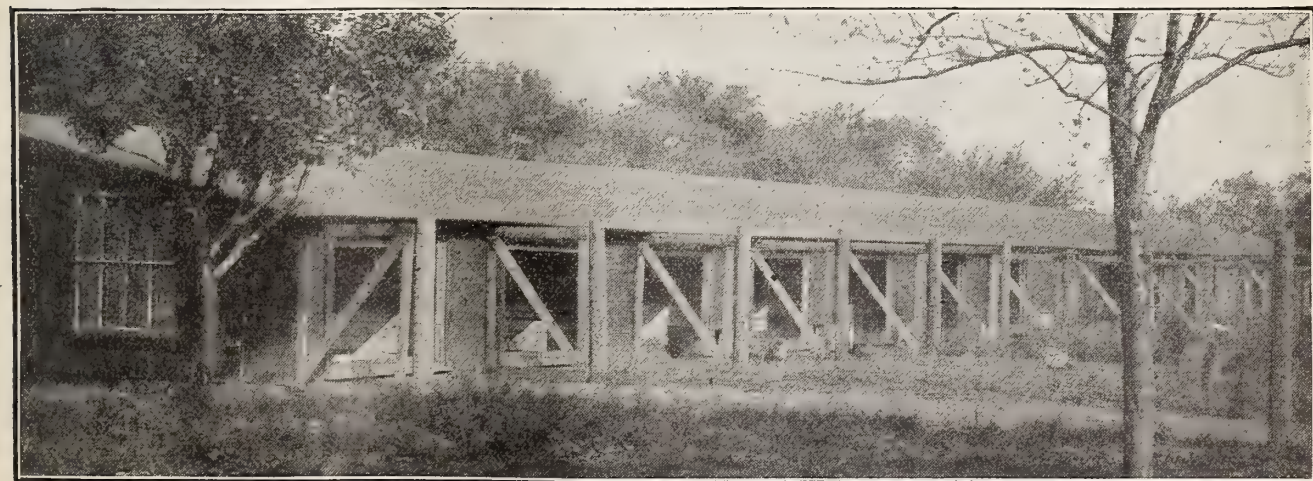
To show how closely the writer follows out his preachings, will say that he not only knows what his profits or losses are for the year, but also knows what they are for each and every month; yes, and can even give the cost per egg and every pound of meat raised.

Perhaps some will say that so much detail is unnecessary, but the writer contends that the more you know about your business the less liable you are to failure and the bigger business you can handle.

It is true that the writer's flock only numbers fifteen, but what can be done with fifteen can be done with fifteen hundred; providing, of course, you employ the same careful methods and use the same careful supervision.

The poultry business to be run successfully should be operated on the unit system, so if your flock numbers several hundred, by dividing it into units of say fifty birds, you can keep a more accurate record and know just which units are paying and which ones are not. Your actions can then be governed by knowledge and not guesswork.

In closing I wish to say that I consider the back-yard flock a partial offset, at least, to the high cost of living, and



View on the new home of Goshen Poultry Yards, Goshen, Ind., showing main breeding house, 160 feet long.

I strongly advise anyone to try it and I feel assured, from personal experience, that they will be convinced of its practicability both from an economic and recreative point of view.

Fred E. Lewis.

Hartford, Conn.

EARLY LAYING AND HOW IT IS DONE.



UCH has been said and written in regard to the desirability of getting the pullets to lay early. It is not always clear whether early in the season or early in the life of the pullets is meant. In order to get pullets that will be mature enough to lay early in the fall, say in September and October, it is necessary to hatch them so early that they will be from five to seven months old by that time, according to breed and strain. The larger the breed the more slowly the birds mature, yet breeding for early maturity year after year is supposed to modify the matter to some degree. The Asiatic breeds require from eight to ten months, as a rule, to arrive at a laying age; the American breeds from six to eight months, and the Mediterrareans from four to six months. Occasionally a few precocious pullets will begin to lay at a very early age, but give no

encouraged by feeding and early housing. Attempts to force early laying by feeding a highly stimulating ration may be justified in some cases when early eggs are the only objects in view, but long continued productiveness is not likely to make good breeders.

Many trap-nesters have learned that the individual pullets that produce the most eggs throughout the winter months also laid the best the following summer, and did not, as a rule, lay their first egg at an abnormally early age for the breed. When the continuous work of the individual bird is not known and recorded, the fact that the earliest laying individuals are not the ones that lay all winter, when such happens to be the case, is lost sight of. It is said that the flock matured early and laid all winter. When the individual standing of the birds is on record it is often discovered that the all-winter layers are not the ones that began to lay first. In order to become a good winter and summer layer, and in order to become fit for future use in the breeding pen, a bird must develop a strong body of good size throughout, including the internal organs. That takes time. Too many precocious but undersized and poorly developed specimens are maintained and used for breeders in the attempt to produce an "early maturing strain. It is possible to so feed and care for growing pullets that they will develop so well in bodily structure before beginning to lay that their first eggs will be practically full size. Such birds are, I believe, more likely to lay profitably for two or more years than are those that lay too early. One must study his



White Crested Black Polish. Some 1908 Chicago winners. Bred and owned by W. H. Snook, Polo, Ill.

justification for the claim that one has an early maturing strain. It is always unwise to hastily judge of hens in general by the superficially observed behavior of a few of our own. When our own experiences and observations coincide with those of many other poultry raisers, we have something that gives a reasonable ground upon which to base definite conclusions. It is often claimed that the earliest laying pullets will make the best layers, and the earliest crowing cockerels the best breeding males. The term "earliest" alone considered, means nothing in particular. How old is the "earliest" layer or the "earliest" crower? In my experience and in that of many others the earliest laying pullets and earliest crowing cockerels have matured so fast sexually that their bodily growth has been checked. Such pullets did not prove to be good layers and such cockerels never developed sufficiently to warrant their use in the breeding pens, but in other cases the pullets that began to lay earliest were well developed and made good layers. They were "earliest" not because they were precocious, but because the others did not begin to lay when they should, but were backward in sexual development. Early laying can be

own breed and see for himself what he must do to get early laying strain. I have had S. C. White Leghorns to lay when they were only four months old and kept that pace all winter. I would not write this if it was not my own experience, and it means just what I say. S. C. White Leghorns and White Orpingtons for mine, and no other breed is kept on my farm.

C. A. Umoselle.

Hammonton, N. J.

Begin now to plan on taking some of your birds to the show or shows this season. Exhibiting is what will give you a line on the quality of your stock.

High class stock is not very plentiful this season, and those who are fortunate to have some to spare can get their own price.

An egg contains 64% of water, therefore, fowls should be furnished a plentiful supply of fresh, pure water at all times.

IT SEEMS TO BE TRUE



N every hand our suburbanites are taking advantage of modern improvements for making their work productive. They are not satisfied to continue using tools and methods of a former generation, as they have learned that it does not pay. They are surrounding themselves with up-to-date conveniences in the home and out of doors. The telephone and daily mail are not a luxury, but a necessity, and the use of them pays.

The one branch of farming that has been longest neglected is poultry, for the reason it has not been considered worth while to give it any special attention. It has been considered as a side issue, not amounting to enough to command any real interest and attention.

The first people to see the newer opportunities were those who lived in the small towns where there was spare land that could be utilized. They began experimenting with incubators and brooders and built expensive housing plants. Many of them ran to fancy stock for exhibition purposes, and although some lost money through their lack of experience, yet they served as pioneers and put the whole business of poultry keeping prominently before the public.

In every community of our broad land you will find first one person taking up poultry breeding as a business, and others rapidly following through the success and enthusiasm of the keeper or some of the former helpers starting out for themselves. What is the result? Competition! which is the life of trade. The more advertisements we see in the poultry and general periodicals the better for all. For instance, our advertising makes business good for others, as their advertising does for us, spreading the idea among the people. So many people are afraid of competition and want to locate in localities where they have no competitor. This is absurd. When a dozen or more poultrymen are in the same town, each will do more business than if they were alone, because all are advertising poultry much more than one would alone.

A good example along this line is shown by the growers of the famous "South Shore Soft Roasters" in Massachusetts. The same can be said of Petaluma, Cal., where there is a big colony of poultry raisers who are making money and have given their city a world-wide reputation for good poultry. Each helps another by advertising to the outside world and exchanging ideas in daily intercourse. If one breeder lacks knowledge, his neighbor helps him along, so in communities where there are many poultrymen all make more money than if they were scattered. The markets take care of themselves—in fact, the marketmen and the buyers of pure-bred stock find it their worth while to personally visit towns where there are many poultrymen and make a contract for shipments. The man or woman who is afraid of the markets for breeding stock dressed poultry and eggs and thinks it wise to get off in a section of the earth by him or herself so as to "control" things, has that narrow intellect which will fail at any task.

There is one thing that amateurs do not understand, and even breeders of considerable experience fall into the same error, and that is trying to build up by tearing down others. Young men with money and the brightest prospects in the world start out to get business by throwing mud. There's nobody in creation so small and mean as a breeder who sees trade or show prizes snatched from him and who is temperamentally ugly. He will lash himself into a fury in his talk or his printed matter until the stranger interested and receptive is at first amazed and finally disgusted. Not a single success built up on that kind of advertising ever happened.

In looking over the poultry journals we see "heap big" lot of advertising—and, by the way, eggs and poultry were never higher, never commanded better prices and never in so great a demand as now. Standard-bred poultry is at a premium everywhere and each year sees the rapid increase in the number of thoroughbreds kept, and this branch of the business alone carries to limits beyond belief. What's the cause of all this? Advertising on top of advertising. It simply cannot be helped. By giving publicity to a business more are enticed to enter, which gives still more advertising, etc. Never was a riper time to start in "keeping chickens," because a big revival is at hand in all branches of the poultry business, which has become one of the largest industries of the United States.

Is not the increase of population and business outstripping the increase in the production of poultry? As our headline

says, "It seems to be true." Is there anyone who hasn't observed that the more there are raised the more there are sold, and the more there are sold the more there are eaten, and the more there are sold to eat the more money is going to the producers, and the more money the raisers have the more they produce, and more people go into it? For instance, take the squab business and look back ten years. Traffic of no volume, squabs poor and dark, weighing six to eight pounds to the dozen. Now there is an enormous volume of traffic in squabs, first-class squabs, from common pigeons, practically gone out of the market, and the price steadily going up till now they sell for \$6 a dozen and even higher.

It is simply the old story of the farmer who raised more corn to feed more pigs, to raise more money to buy more land, to raise more corn to feed more pigs, etc. There is no stopping place outside of a national calamity, and the danger of that is so remote that you and I will not hesitate to go into business to the full extent of our capital. Again I say, "It seems to be true."

C. B. Snavely.

Lititz, Pa.

DOES POULTRY PAY?



NOT many months ago this query was addressed to my better-half, the conditions as given him being a small family in a village, owning a flock of thirty hens, all the feed being purchased in small quantities, the questioner closing her remarks with the words, "Can it pay?"

"Most assuredly it can," was the reply, the man who thus expressed his opinion being an enthusiast along this line.

Do you know enthusiasm is as intimately related to success in poultry work as in any other business?

What is enthusiasm? You would know had you heard an enthusiast booming his specialty—fruit culture—last winter. He had come all the way from California and was bubbling over with praise for his hobby. He described the pleasant features connected with the work, while the tedious, irksome part he did not mention.

My spouse and I can testify of our success with a flock of seventy the past year, forty of the number being pullets, the remainder yearlings. During the coldest weather, when the hens of our neighbors were on strike, our chickens were shelling out eggs at the average of thirty a day.

My formula for feeding is simple. In the morning I throw small grain in a deep litter, from six to eight inches in depth. This gives the birds exercise. Muscular action is needed for keeping the fowls warm and healthy.

At 1:30 I give my flock a generous meal of sprouted oats.

Between 4 and 4:30 a warm mash is given, which is composed of wheat bran, chops, table scraps and green cut bone. Frequently I add a pot of cooked vegetables such as potatoes, turnips or beets. I also stir in the mash charcoal, oyster shell and grit.

For those who do not know how to sprout oats, I shall explain. Take a peck of oats (that is the quantity I use for a flock of 200) and cover with luke-warm water. Let the oats remain in the water twelve hours, after which time empty them in a box two feet by two and a half and six inches high, laying a wet sack on them. Every day stir the oats around thoroughly with the hand, and with a sprinkling can sprinkle the sack until it is good and wet. I keep the oats in the cellar while they are sprouting. In seven days the oats are sprouted ready for feeding. I have seven boxes—a box for each day in the week.

At our county fairs poultry has become one of the leading exhibits. Poultry shows also are a great factor in arousing interest by bringing fine stock before the public.

Who can say at the present time what advancement poultry will make in the next decade? We are at the threshold of a great poultry epoch. It is no uncommon occurrence for a single male or female fowl to bring a price of \$100 or more. Truly, the whole country is awakening to the need of pure-bred stock. A large number of farmers are installing pure breeds in place of the mongrels of former years. Let the good work grow.

Mrs. W. H. Gantz.

Shrewsbury, Pa.

Keep the male birds separate from the females until the breeding season if you want well fertilized eggs.

There is plenty of money in poultry but no one can get it all out in one season.

EDITORIAL

WE LEAD
OTHERS FOLLOW

65,000 A. P. J.'s for November, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding sixty-five thousand copies of the November, 1910, issue.

J. G. BUDDE.
Subscribed and sworn to before me this 21st day of October, 1910.
[Seal.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

Faith in the Business

We believe that a man might work his head off, in the ordinary parlance of every-day phrases, and yet without perfect faith in what he was doing he would be unable to succeed in the fullest sense of the word. The amount of success that one attains seems to depend upon the faith and labor that is put back of it, to bring the ideas to life. A hard working man generally has faith, especially a poultryman who wants to win. Faith seems to incite a certain quality of imagination that leads the poultryman on till he actually realizes the dreams that his earnestness have awakened in him. It is necessary to be more or less of a dreamer to attain great things, else how could we hope for light to point out the big tasks ahead?

The working poultryman goes ahead with his hands, head and heart, dreaming about things he should attain, and the constant working and longing for them brings the dreams true in the not greatly distant future. He plans things that he is going to do, sometimes as far ahead as five to ten years. It is such planning that wins out in the end. He has faith in the poultry business when he plans ahead that far. And say, friend, there are a lot of us who have this faith. We know that the business is not overdone and will not be if the rate of population does not fall off. We are a nation of poultry keepers. Every back yard in the land has its hens, and it is but a campaign of education that most is needed to get these good people with their "just chickens" to change their methods and install a better fowl that for the same amount of feed and care will increase the revenue about a hundred per cent.

As time goes on these United States will see a million more small farmers who will well till ten to twenty acres, rather than hundreds. Intensive farming will be the rule. It will build up the land. In some of the southern sections, where the land has been cropped

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Make a memorandum of the number above your name and refer to this number when writing in regard to your subscription.

If you change your address give both your old and new address as well as your subscription number when notifying us of the change.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

incessantly to corn and cotton, poultry manure is worth from ten to seventeen dollars per ton as fertilizer. What, indeed, would this land do if it were given over to poultrymen for a term of ten years! It would actually increase in cropping value four to ten hundred per cent.

Yes, we have faith in the future and lots of it. The business is actually in its infancy in America. When we can boast fattening establishments, hatching stations and laying farms as numerous as the Old World, then we will be getting somewhere in the practical lines of poultry work, and when we have shows every winter in every county of all the states, then there will be new fields to conquer in the fancy end of the game.

Prices of Stock

Much has been said regarding the best methods of raising and disposing of fancy poultry, but only a little has been said that would have a tendency toward getting a better price for it. And the result is that most poultry raisers are reluctant in the matter of advertising their stock. If the price of a good display advertisement seems high, the breeder will either do no advertising or do very little better—take out a classified ad. Then, when the returns from this kind of publicity do not bring results, "the paper is no good." The root of the whole evil is that the breeder hasn't got the prices for his birds that he is honestly entitled to.

Figured from a basis of flesh, blood, feathers and bones, no chicken ever was worth more than the regular market value, and, judging from the prices placed by some breeders upon really valuable stock, it would seem that they used the method above noted to get at a price. They never stop to figure up just what any particular one of their flock has cost them to raise. They don't seem to grasp the fact that they paid

probably \$2 for the egg he came from. They do not realize that when paying \$30 for fifteen eggs and only hatch, say, three good birds, that those birds cost them just \$10 apiece. And, last of all, they seem to know nothing whatever about the price that supply and demand make. For the sake of illustration: Ten years ago an automobile from a certain foreign house cost a man in this country \$15,000. Today you can get a better machine for one-half the money from the same concern. What makes the difference? Ten years ago there was more demand for that particular machine than could be supplied. Also, competition was not so keen, and it cost more to manufacture a machine then than now. The price ten years ago was an honest price. Why? Because of the conditions above noted, and also because the manufacturer had to prepare himself for competitive prices to come. If he had quoted a lower price to begin with, competition would have driven him and everybody else to the wall.

Now, it is a good deal the same in the poultry business. A certain large advertiser in poultry papers began by advertising a good standard strain of stock, and put his prices up in the air so high that it made some of the older breeders sit up and gasp. And some of them are not over it yet. Others say, "——— has been a Godsend to the poultry business." Was the actual material structure of his birds worth what he asked? Of course not. Was his price a really honest one? Most assuredly. Supply and demand is what got that breeder his price. If there had been a stronger competition in his particular line, he never could have gotten such big prices. Now, what is the consequence in his case? He has fortified himself with a good business, a business that yields large returns, and, best of all, he has taken care that when a really fierce competitive season arrives he can still get a fine price for his stock. Another thing—the stock he sold when he first started would not

command that high price today. It has improved and keeps up with the prices and times. Nothing short of the hardest, stiffest kind of competition can affect him.

Some breeder will now ask, "What shall I do with the culls?" Sell them for whatever you can. If the high grade stock is sold at a figure based upon actual cost plus the regular supply and demand percentage, you have already taken care of the culls. For example, you pay \$30 for a setting of fifteen eggs and get only three fine birds; those fine birds have cost you \$10 each because it is the finer, higher grade stock you are after. Remember, you are in the poultry raising game for its returns, if you are in it right, and the culls are not what you are after. You can afford to sell them cheaper because you have taken them into account in the pricing of the higher grade stock. Keep your prices up. You are entitled to do so. Keep nothing but the best, and you will be able to get the best prices at all times.

Getting It Out

A good many fanciers tell to acquaintances and friends that they cannot sell all the stock they have to spare. They sometimes act discouraged when sales are not coming their way. Poultrymen who are trying to sell their stock locally generally have a hard task set before them. This has been our experience. When a fancier in a small town or village gets to sending stock away from home, then the local buyers begin to come his way. They want to buy of men who do big things. The world does like to do business with a successful man. No getting around the fact.

Reach out for a fair share of the trade. Make an effort to get it, and then keep going after it till it comes your way. Let enough folks know you are in the business, and you can sell all the spare stock you have. Do some advertising, get out a little four or eight-page circular for a starter, or a nice small catalogue, if you have the stock for sale to warrant it, and then keep your mind made up on the point that gets your advertising into the hands of the folks who are in the market for what you are offering.

Local show winnings are a good incentive for buyers to deal with you. If you have the courage to go out into bigger company, then make up your mind that sooner or later trade from other states is going to seep into your morning mail. Get folks talking about you. Advertise. Visit and take your birds to all the small shows about you. Be a live one. Getting out of the business something on the investment you made depends on yourself. Have a model plant and keep it in model style. This is one of the ways of getting advertising, for everyone who visits will be well impressed, and then in turn they pass on the good word.

Illinois State Fair

The poultry show held in connection with the Illinois State Fair was one of the largest and best ever held in this state. There were 4,100 birds on exhibition, and the judges make the statement that the class of stock exhibited has never been excelled in America. This speaks volumes for the work done by the superintendent, O. L. McCord, of Danville, Ill., and it is certain that no one could have handled the immense crowds that thronged the poultry building the entire week with less friction and more universal satisfaction than he did. It has been Mr. McCord's ambition to coop the finest show ever held at Springfield, and it is our opinion that he has realized his ambition, for this was not only a large show, but one of the most attractive exhibits of poultry ever put before the public. The poultrymen of Illinois should give a vote of thanks to Mr. McCord for his efforts in their behalf. Knowing that our readers are very much interested in this show, we have decided to print the full list of awards, which will be found elsewhere in this issue.

Standard Hatchery Creditors

Claims have been received by Horlean James to total \$450, but an investigation by so small a proportion of the creditors would not be justified. It seems probable that those who present proof of claim before November 14 may receive part of their money.

Big Incubators

They have come to stay. They are labor savers, fuel savers and meet the demands of the men who are doing big things in a poultry way. The care of many small incubators in a big incubator cellar makes a mighty lot of work, but the installation of one big machine does the trick of handling eggs by the thousands, and saves time and expense. It was but a few years ago that we heard the oft asked question, "Will incubators really hatch chicks?" with a note of plaintive unconfidence in the voice of the questioner. Today the query is, "Where can I see one of the big machines in operation?"

It will be but a matter of a few seasons now till these big machines for custom hatching will be located in about every corner of a poultry district and state. What an easy matter to take the eggs early in the spring to the machine which is operated by an expert, under the proper conditions, and have our earliest birds turned out for us by those better skilled than ourselves! What a boon for the turkey raiser who wants early poults—what a fine thing for the fancier who must perforce have a few hundred early ones to select his fair winners from!

The saving of labor on a big market poultry farm will amount to hundreds of dollars yearly when big machines take the place of fifty to a hundred oil-heated machines! The big machine is the coming incubator. In fact, it has arrived and is doing its work, and that perfectly. Custom hatching is opening up a great field for the man who puts all his time into poultry work, and his business is sure to grow if he cares for it.

Just a Word About the Chicago Show

December 8-14, 1910, is the date selected for the second exhibition of the great mid-west poultry and pet stock show. The Coliseum building, one of the greatest show rooms in America, is the permanent home of this association. The Empire coops will be used in all departments—poultry, turkey and pigeon.

The new style turkey cages, built especially for this exhibition, will be used for the first time in Chicago. They



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS

It is acknowledged the world over to be the greatest laying and exhibition strain. I have 500 grand yearling hens for sale now at \$2 per head, and hundreds of cockerels and pullets after Oct. 1st.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

BRIGHT'S BARRED PLY. ROCKS BROWN LEGHORNS...

Grove Hill Poultry Yards

William Ellery Bright, Proprietor
A. C. Smith, Superintendent

Box 410, Waltham, Massachusetts

are 40 inches high and have solid tops, an improvement that all turkey breeders will appreciate. The American Bronze Turkey Club will meet in Chicago, and these cages have been built by the Empire people from plans submitted by this club.

There are many new features added this year that will attract the visiting public, among which is

The Celebrated Belgium Exhibit

of 132 birds, representing the popular breeds of that country. This will be their first appearance in the United States.

The following specialty clubs will meet in Chicago and hold their annual elections: American Light Brahma Club, American Buff Orpington Club, American Rose Comb Black Minorca Club, American Buff Rock Club, American Buff Leghorn Club, American Bronze Turkey Club, National Columbian Wyandotte Club, and, last but not least, the Columbian Wyandotte Breeders' Association of America.

The association offers \$45 in cash on all breeds of chickens, turkeys and water fowls, standard and non-standard, and liberal cash prizes on pigeons and pet stock. Every premium is guaranteed in full before the close of the show. The ten headliners in the judging department have been selected, and every class will be passed on by America's best known experts.

Premium lists are now ready.

Entries in all departments close November 22, 1910.

Henry C. Dipple, General Supt., Indianapolis, Ind.

Fred Borchardt, Pigeon Supt., Manitowoc, Wis.

For premium list and other information address Theo. Hewes, Secretary, Indianapolis, Ind.

We lead, others follow.

Notes of the Month

Billy Russell says that he has a greater number of shows to judge this coming winter than at any time since he has been wearing the duster. This is proof that there are getting to be more shows annually and that Billy is one of the good ones of the profesh.

I saw nothing in Robinson's remarks about Lambrequins!

Line Orr is getting his free advertising now and is incidentally calling out the dead ones. By the way: Line is saying some things in his department of the Reliable that seem to be rather heretical—heretical to accepted standards that we have been accustomed to in that quarter.

Ernest Kellerstrass is certainly doing a world of good for the bettering of fancy poultry conditions. He is making more and more fanciers see that they have not charged an honest price for a good bird. Stand up, fellows, and get what a bird is worth or keep him in your flock.

Bob Essex is making a winner out of the Model. And I guess we are all glad to see him doing it.

Hewes' Farm, breeders of Black Langshans, sold a pen of young and one of old stock this season to a Mr. Ferry, of New York, for two hundred dollars. This is but the result of this farm's policy of breeding the best on earth when it comes to Black Langshans. Five birds were also sent to Mr. Geo. Urban, Jr., one of the wheel horses of the Buffalo show, at a hundred and forty dollars. At the Illinois State Fair Mr. Hewes sold a trio of birds at a hundred dollars. This is one of the sales made from exhibiting. The winnings of this farm

at this fair were very large this fall. This is but a sample of what a fancier may do if he sticks to one variety till he has mastered it.

That Women's Auxiliary of the American Poultry Association looks good to me. It will be a great thing when in full running order.

The Old Guard in a number of things seems to have lost its grip. This is well and good. Folks who do things, rather than Old Guards and dubheads, ought to have the running of affairs.

Dr. Graham's line of Orpingtons, with Whitney in the saddle, went to the prize trough and drank their fill at last Minnesota fair. This farm is coming.

I guess that Mr. Nofztger is in clover now, huh? Admission to the standard will send the Partridge Rocks further and faster. Get into the wagon.

S. T. Divinia writes that he is going to market one of the biggest apple crops in all his years of orcharding. Chickens and fruit are his one great cry. Four or five thousand barrels of apples to put on the high market ought to make him smile all winter.

The old cry of short poultry crop has been started again by Tom Riggs. One can never tell when Tom is going to turn alarmist.

W. P. Rankin, at one time a much abused martyr, is quite poetic in his tastes. He is broad-minded for all that. Recently he changed the name of his paper to American Poultryman, which takes in everything that wears feathers. Rankin is democratic in his speech and dress and thought. I know nothing about his politics. He knows a lot about the banking business, but says to him-

HARRISON'S SQUARE DEAL

WHITE ROCKS

McDanell's

GOLDEN & COLUMBIAN WYANDOTTES

One thousand youngsters. SHOW BIRDS and breeders, too. Better write now; can fill any order. Quality to win in any show. Please mention American Poultry Journal when writing.

J. H. McDanell - Proprietor Old Homestead Farms - Warsaw, Kentucky

Win at Wheeling, Marion, McKeesport, Ohio State Fair, Hagerstown and Cleveland. Good exhibition birds for early shows. Write your wants. Satisfaction guaranteed. In competition they score to 944. Send for free illustrated circular. Special prices for 30 days as I need more room.

Dr. S. R. Harrison, - R. R. No. 10 - Shelby, Ohio

BRED TO LAY : BRED TO PAY : BRED FOR EXHIBITION

S. C. W. LEGHORNS : S. C. R. I. REDS

BIRDS OF QUALITY
BRED ON RANGE

: : : Breeding Stock For Sale

Order your day-old chicks now and get deliveries when wanted. Prices: Utility Leghorns, \$12; Reds \$15 per 100.

THE WINONA FARMS, Box 272, LANSDALE, PENNSYLVANIA

ORPINGTONS

BUFF, BLACK AND PEARL WHITE

means all in the establishment of a reliable flock. My elaborate 30-page, 8x10 catalog is complete and will be mailed for a dime. It tells the story of

THE FAMOUS BYERS' STRAIN ORPINGTONS

C. S. BYERS - ORPINGTON SPECIALIST - HAZELRIGG, INDIANA

YOU are familiar with my phenomenal records for the past twelve years in Orpingtons if you have watched the advancement of this wonderful breed. I won more premiums on Orpingtons at the 1908 and 1909 Chicago shows than any other exhibitor. I have supplied winners for the largest shows in the States and Canada in the past and will continue to do so in the future. There's a reason.

1500 young birds growing. An enviable show record awaits the early purchasers of this show stock, which I will reserve and deliver in the pink of condition if desired. A small deposit on advance orders will be sufficient to insure reservation. The quality of my stock is superior and the same in Buifs, Blacks and Whites. READ THIS AGAIN.

I have the quality of the hour in line bred birds that can be depended upon. That

MODEL INCUBATOR CO.



Manufacturers of the world-famous Model Incubators and Brooders will hereafter take the name of its President and General Manager, and be known as

ROBERT ESSEX INCUBATOR CO.

The enviable reputation of Model Incubators, which has been gained by continuous records of big hatches, winning for them the name "The World's Best Hatchers," will be advanced by numerous improvements which the wide experience of Mr. Essex has enabled him to embody in the 1911 models. With these important down-to-date improvements our 1911 machines will be known as the "Essex-Models." In order that readers may be more thoroughly acquainted with Mr. Essex, we reprint extracts from some of the editorials which were published at the time he assumed control of the Model Incubator Company last March.

From Poultry Monthly, Syracuse, N. Y.

"The Model Incubator is now in the hands of one of the best pilots in America. The purchasing public can feel sure of the most courteous and honest treatment at all times."

—D. M. Green, Editor.

From Poultry Keeper, Quincy, Ill.

"Absolute reliability can be placed on Mr. Essex and his promises to not only maintain the high standard, but to work along progressive lines. We know of no one who is better qualified for his work."—F. Piggott, Editor.

From Inland Poultry Journal, Indianapolis, Ind.

"Mr. Essex knows the incubator business in all its most minute details. He has a line of goods that are well introduced, and they have given good satisfaction to thousands of customers."—Theo. Hewes, Editor.

From American Poultry Journal, Chicago, Ill.

"Mr. Essex is well qualified. His motto is 'Be on the square, and make no promise you cannot keep.' His thousands of friends know that he has lived up to this in the past, and will continue to do so in the future."—Jas. W. Bell, Editor.

From Poultry Herald, St. Paul, Minn.

"Assuredly the Model Incubator Company has fallen into good hands. If a sincere desire to serve the interests of customers and a remarkable knowledge of incubators and brooders and poultry keeping generally will place that Company in the very front rank, there is no doubt it will take that position."—H. A. Nourse, Editor.



From Commercial Poultry, Marseilles, Ill.

"Mr. Essex is thoroughly posted on the building of Incubators and Brooders. He has a splendid machine—one that has become popular with poultrymen the country over."

—J. F. Schureman, Editor.

From Poultry, Peotone, Ill.

"Robert H. Essex has always made good in every work he has undertaken. His reputation for making only promises which he can fulfill will follow him."—Miller Purvis, Editor.

From Reliable Poultry Journal, Quincy, Ill.

"Mr. Essex has devoted practically all his time to the study of poultry problems, and to practical everyday work in the industry. Few men have enjoyed equal opportunities. He is certain to stand for what is genuine and worth while in the poultry business."—Grant M. Curtis, Editor.

From Canadian Poultry Review, Toronto, Canada.

"His lengthy experience added to the practical knowledge of poultry-raising should make for success. Mr. Essex' knowledge of chickens is not theoretical, and we may look for a better Model than ever before."—H. B. Donovan, Editor.

From Poultry Husbandry, Waterville, N. Y.

"The experience gained by Mr. Essex' intercourse with the farming community made him so conversant with their requirements that when he turned his attention to the incubator business he knew exactly what they wanted."—W. S. Hawkins, Editor.

Let Us Tell You of the Improvements

we have made in the Model Incubators and Brooders. Beginning with the Brooders—the improvements are extraordinary. They are costing us more to make, but their added utility makes them far more valuable than before. They possess a galvanized iron lamp box and heater which is entirely outside the brooder; and they have the most convenient and economical chick hover that has ever been offered for sale. Our Portable Hover is the most complete and satisfactory heater for brooders and brooding houses that can be imagined. It only need be seen to be appreciated as a valuable addition to the equipment of brooders, brooding houses, or colony houses. Our Outdoor Brooders are all of advanced styles, but it is in our Combination Indoor and Outdoor Brooder that the greatest change has been made. There is no other like it. When you see it you'll buy.

It is hardly necessary to tell you of our Standard Model Incubators and our Middle-Price Machines. They are well known as the Leaders in their classes, and with their 1911 improvements they will be even more popular than before. The "Standard" is made in six sizes and the "Middle-Price" in four. They range in price from \$9 to \$43. They are all Incubators of Quality.

You Will Want Our Big Free Catalogue

Write for it today. In it Mr. Essex will tell how some people make money and are successful in the Poultry Business where with equal chances others lose. Besides, you need it in your business. You will save money by getting it, for it will illustrate and describe the Most Superior Poultry Equipment that has ever been placed on the market. Address.

Robert Essex Incubator Co., 3 Henry Street, Buffalo, N. Y.

Manufacturers of "Everything for Poultry Keepers"



MAKE your HENS

pay a **CLEAR PROFIT** of \$3 to \$5 a year each by using my Famous **OPEN-AIR Method**. I show you how to make the best Fireless Hatcheries and Brooders, Rat-Proof Coops, Lice-Killers, Chick and Laying Hen Foods—everything you need, for **ONE-THIRD** the cost of others. See my Free Book. **F. GRUNDY, - - Poultry Expert, Morrisonville, Ills.**

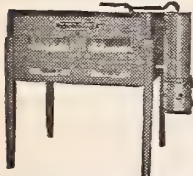
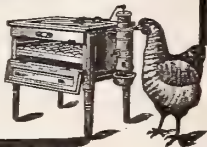
**Shelly's
Reds**

RHODE ISLAND REDS

**SINGLE COMB
BRED FOR
EXHIBITION
AND HEAVY LAYING
ILLUSTRATED CATALOG FREE
ELLIS S. SHELLY
Williamsburg, Penn'a.**

\$200-EGG INCUBATOR \$12.80

This perfect 200-egg Wood-
en Hen at \$12.80 is a
startling trade innovation.
It will do the work of the
most costly hatcher, and
always keeps in order.
Hatches every fertile egg.
Catalogue with fourteen
colored views sent free.
GEO. H. STAHL, Quincy, Ill.



Banta

The incubator that hatches
strong chicks—Gives hatch-
ing service longer than any
Guaranty—Get our Free
Books—a valuable fund of
Poultry Information.

**THE BANTA-BENDER CO.,
DEPT. C, LIGONIER, IND.**

100 EGG

**\$10.
DELIVERED**

Incubator with triple walls, copper
tank, regulator, nursery, chick
drawer, clear top, 26x21x31 high.
Why not pay \$2 or \$3 more and
get this good one? Price \$10; freight
paid east of Rockies.

GEO. ERTEL CO., 102 Kentucky St. QUINCY, ILL.

The Only Incubator Correct in Principle

One gallon of oil—one filling of lamp, is
enough for a hatch. Lamp in middle; door
on top. Best ventilation and most uni-
form heat. X-Ray Incubators save oil,
time, work, money. We control heat—
others waste it. Different and better
than any other. Write for free book.

**X-RAY INCUBATOR COMPANY
1st St., Wayne, Neb.**

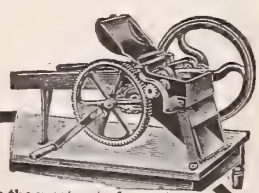


The Natural Hen, 200-Egg Size INCUBATOR \$3



Patented. Uses natural heat from
actual living hen. Perfect heating,
ventilation regulation. No trouble;
true success. Over 500,000 have proved
it to be the greatest hatching success.
No freight to pay. Don't be robbed.
Costs only one-fourth as much as other
incubators. **More Agents Wanted.** Send
postal for Free Catalog. **NATURAL
HEN INC. CO., 1349 Constance St.,
Dept. 4, Los Angeles, Cal.**

Cut Clover Brings Eggs



Make the most out of your hens.
Fine cut clover, alfalfa and other green stuff
give best cold weather results. The easy-running

"New Model" Cutter

cuts into 4-in. lengths. Removable steel knives,
adjustable, easily sharpened. Cuts fast and
fine. It's always in order; nothing about
it to break. Write for circular and
free sample of cut alfalfa.

**SILVER MFG. COMPANY,
283 Broadway, Salem, O.**

**FREE
SAMPLE**

**CUT
ALFALFA**

self: "What is the use of spoiling a
good chicken man to make a poor
banker?"

* * *

Henry Kruckeberg, of—I was going
to say California, but shall change it to
Pacific coast—is an esthetician. He is
literary in more ways than one. He
likes fine books and printing, for this
is his line, and gets to all the big coast
shows that his time will permit him to
visit. One cannot make reference to a
scholarly passage in any of the classics
but what Hank knows all about it him-
self. He is one of the folks who ballast
the fancy on the coast.

* * *

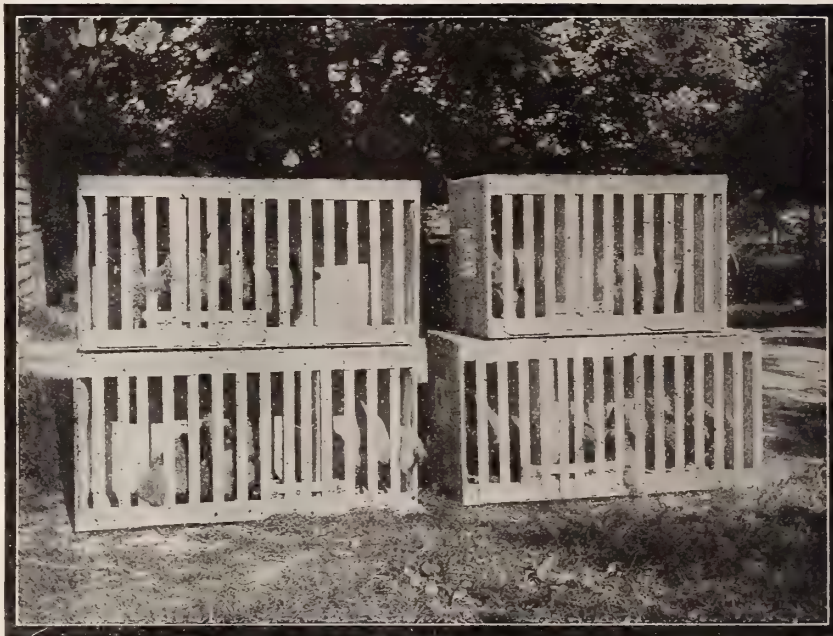
Wm. Barry Owen, proprietor of Owen
Farms, would have made a winner out
of any line of outdoor pursuits he could
have taken up when he cast his lot for
more and better Orps. He is a man
who plans ahead, who knows the value
of advertising, loves his work and likes
to be outdoors. Polished, a lover of
nature, live stock and gardening, he

The first two days of registration in
the College of Agriculture of the Uni-
versity of Illinois show an increase of
students of over a hundred, compared
with that of any previous year. Lab-
oratories are running over, and in-
structors are entirely at sea to take
care of the situation. This experience
is identical with that of Cornell last
year. It all indicates that something
distinctive must be done all along the
line to take care of people desiring in-
struction in agriculture.

* * *

Mr. C. L. Buschmann, having re-
ceived a very substantial vote for the
nomination of president of the Rhode
Island Red Club of America, now feels
it his duty to his supporters to allow
his name to be voted upon for the
nomination of vice-president.

Mr. Buschmann has been a fancier
nearly all his life, starting at twelve
years of age with a large loft of pig-
eons, among which were many prize
winners. Besides these he has had rab-



A SHIPMENT OF "RINGLETS" TO JAPAN.

The above picture is a photograph of a shipment of 19 "Ringlet" Barred Plymouth
Rocks to Japan this season from E. B. Thompson, Amenia, N. Y. The birds were pur-
chased and selected by a direct representative of the Japanese government who made
a special visit to Mr. Thompson's farm for the purpose. The birds were of a very
superior quality and will be a great addition to fancy poultry in Japan and a credit
to their breeder. Mr. Thompson's "Ringlets" have a world wide reputation and he
makes frequent shipments to foreign lands.

keeps to the forefront in all that occu-
pies his mind. Owen Farms are his
special delight, and everything must be
right up to the mark to merit his ap-
proval. The poultry fancy has room for
more men like him.

* * *

U. R. Fishel's great pointer dog,
Fishel's Frank, has achieved the high-
est point it is possible for a bird dog
to attain. Frank is one of the greatest
bird finders, shooting dogs and best
known stud pointer in America. Mr.
Fishel is never so happy as when look-
ing over some of his finest and most
promising puppies sired by this great
pointer. Fishelton is the Mecca of
bird dog lovers.

* * *

Dr. Thomas Dietrick, Washington, N.
J., has been honored by that high class
outdoor magazine, Suburban Life, by a
request for an illustrated article, "Why
I breed Orpingtons."

bits, guinea-pigs, bird dogs and five
varieties of fancy poultry.

Twenty-three years ago he started at
the bottom round of the ladder with
Lewis Meier & Co., and by persever-
ance and attention to his business he
rose to vice-president and general man-
ager of the firm, which is one of the
largest manufacturers of workmen's
clothing in the country. He is also
vice-president and treasurer of Com-
mercial Life Insurance Company and
vice-president of the Fanciers' Asso-
ciation of Indiana, and is identified
with many other business interests of
Indianapolis. The time not required at
the factory is put in in inspecting and
working with his birds.

The same business push that made
this great factory is being applied to
the management of his large poultry
plant.

The Rhode Island Red Club needs
just such a man as its president.

THE NEW YORK STATE FAIR.

Larger, Greater and Better—The Record Made with Number of Entries—General High Quality—The Gathering of Prominent Poultrymen from Several States and Canada—Superintendent Gilbert the Happy Man.

All records have again gone to smash. The display of poultry at the 1910 New York State Fair surpassed in numbers and general quality all former entries and set a mark that time only will prove if the limit has been reached. We think the limit is not yet, for if we consider the value of a win at this fair along with the amount of the cash prizes and the great and increasing number of interested poultrymen, then we can well sit back and wonder what time has in store.

To Superintendent W. E. Gilbert all credit is due. "Billy" is a hustler, as well as an affable gentleman; he is a fancier through and through, and has won the confidence of the poultrymen. The great success of this department at the fair is a personal success, and when we fully consider conditions, we can well say, the limit is not yet.

Very close to 7,000 birds were shown this year, the building was filled as never before, and proved to be about half the size it should be. Mr. Gilbert assured us that a new and larger building was assured for next year. We hope this will prove true, so that all classes can be single cooped and will not have to be tiered three and four high. Poultry is an accepted feature at this and most all fairs; the people want to see the chickens, and it is up to the state to supply ample cooping and space.

The display of fancy and rare water fowl was the equal of any we have seen. The large tank, with its hundred varieties of web-footed birds, created much and favorable comment, as did also the wild and game birds cooped and large display pens. Several cages of fine poultry were also shown for display only, and we feasted our eyes long and steadily and then some on a pen of Barred Rocks shown by Mr. Gilbert. They were just about as nifty as we could wish for. Mr. Gilbert is one of our old-time breeders, and has shown many fine birds, but the quality of this pen surpassed all others, and shows that the superintendent is up and doing all the time. We found that Dreve had a well-beaten path between this pen and Jack Martin's champion Wyandotte hen; you could always find him at one or the other. And I was near.

Barred Rocks were a short class compared to what we usually find here; the large strings from Owen farms and those of Jonas Hayner were missing. The first cock, first hen, and all the winning cockerels and pullets were good birds, the young very promising. In white rocks, several rare birds were shown. The exhibit of D. E. Gray shown in the best of condition; this line is well known and is an old winner. In Buff Rocks the display this year equalled that of any class ever shown here; large in numbers, it was particularly strong in quality. All the winners and several unplaced birds deserve special mention. Type and even color were features. The first cockerel was a gem; his shape, with wonderful color, was marvelous; second and third close up. Columbian Rocks were also a good entry, the young showing what

BILLINGS' R. I. REDS

Rose and Single comb have color and shape, long bodies and long straight backs, that can win. Winners at Toledo, Cleveland, Lorain and Elyria. 1000 choice breeding and high class exhibition birds to sell. Write for circular and prices.

B. M. BILLINGS

Box A, OBERLIN, OHIO

CRYSTAL WHITE
ORPINGTONS

Largest winners at Chicago 1909 show. Our customers won at many of the best shows in America last season. Do you want to win? We can furnish the winner. Plenty of stock. Prices reasonable. We ship on approval.

Goodes & Palmer, Box 430, Marcellus, Mich.

EXCELSIOR STRAIN—GREATEST OF ALL UTILITY STRAINS OF
RHODE ISLAND REDS

We can increase the production of eggs for you.
We can improve the exhibition qualities for you.

WHY?

Because we have bred our lines with utility points uppermost in view. While our winnings at such shows as Chicago, Indianapolis, Alaska-Yukon Expo., Detroit and Illinois State Fair, stamps our birds as leaders in the show room. Tell us what kind of a bird or birds you want, and how much you want to pay and we will let you know if we can supply you, which we surely can with 2,500 birds to pick from. Every bird guaranteed to give satisfaction. Write us your wants without delay as the "Early Pickings are Always the Best."

Excelsior Poultry Farm J. I. BLAKE & CO. SPECIALISTS Galesburg, Mich.

"THE POULTRY BUSINESS IN A NUTSHELL"

Describes Our New Book Entitled

Ten Chapters on Poultry

Each a Complete Book in Itself, Covering Fully the Following Subjects:

- I.—How to do Your Own Scoring. Schadt's Simplified Score Card.
- II.—How Poultry Profits can Yield \$1,000.00 on a City Lot.
- III.—Fireless Brooders Fully Explained. Why Better Than Mother Hens.
- IV.—A Study of the Day-old Chick Business. Is it Profitable?
- V.—Explicit Directions on the Preparation of Fowls for the Show Room.
- VI.—Secret of Developing Chicks so They Attain Wonderful Size.
- VII.—Secret of Developing Chicks so They Lay at Eighteen Weeks.
- VIII.—Reducing Chick Mortality to a Minimum. Information Worth Dollars.
- IX.—Why Chicks Die in the Shell on the Eighteenth Day. Very Valuable.
- X.—How, When and Where to Advertise to be a Successful Poultryman.

Either one of the above ten chapters are worth the price of the entire book. You can not begin to realize the information given and the hundreds of dollars it will save you. No matter what branch of the poultry business you follow, you simply can not get along successfully without it. We are going to sell this book in connection with POULTRY POST one of the best poultry journals published. It carries ten distinct departments covering fully all subjects pertaining to poultry, whether for the fancier or the market poultryman. It is clean, bright, boiled down, intensely practical and each issue is chock-full of valuable and interesting news.

Reaches you promptly by the first of each month and should be on your list. A sample copy free. For 50c we will send you Ten Chapters on Poultry and Poultry Post two years. Your money refunded if the book is not entirely satisfactory and the book is returned within 48 hours after you receive it.

Simply write your name and address in the coupon and mail it to us with 50c silver, stamps, money order or personal check. Do it now or you may forget.

POULTRY POST, Dept. 4, Goshen, Ind.

Mail This Coupon

POULTRY POST, Goshen, Ind.

Enclosed find 50c for which send me your new Poultry Book, entitled "Ten Chapters on Poultry," also enter my subscription to Poultry Post for two years.

Name.....

Address.....

improvements can be made in a year's breeding. First cock a grand winner. First and second cockerels a close pair, with but little choice between them.

White Wyandottes, the banner class of the show, with 249 entries. This was a battle royal, and it was one of the Royal subjects that won the largest share of the prizes. For some years

for best display. While all winners in classes of this kind are exceptional quality birds, the first hen is probably one of the best ever shown; her condition could not be improved—she simply had everything. First young pen was won by Onlaya Farm, Morristown, N. J. It was a good win on well shown birds. Silver Wyandottes were well

Wyandottes were a choice class. The first cockerel, a special favorite. Partridge Wyandottes good in number and grand in quality. Silver paneled Wyandottes, a large class of good birds. Type and color improving.

Dominiques, a strong class with splendid winners.

Rhode Island Reds, extra heavy en

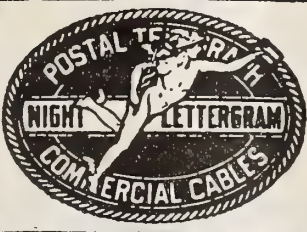


John S. Martin, of Port Dover, Ont., has been coming here and winning with his well-known "Regals," but he has never before met such competition, nor has he ever shown such a grand string of birds as he did this year. His list of winnings are: First, second and fourth cock, first third and fourth hen, first, third and fourth cockerel, first, second, third and fifth pullet, first, third, fourth and fifth pens, with \$25

shown; the winners were grand. Mr. LeRoy W. Seigfried, of Waterloo, N. Y., made a record with five first prizes. Golden and Columbians were also fair sized classes with many fine birds. Buff Wyandottes were a feature, with 100 birds making hot going. Clean color with type placed. This class represented birds from several states. Andrew Riddell, W. A. Smith and Armbrust Bros. carried off the blues. Black

tries and quality far above the average In S. C. first cock a beauty. Type excellent and color all that could be desired. First cockerel particularly good. There were nearly as many Rose Combs shown, and here also the quality was choice. Heads are improving, and the color about all we could wish for.

One of the best displays of Dark Brahmas we have seen for some time was shown here. The exhibit of Light

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	<div style="text-align: center; font-size: 1.5em; font-weight: bold;">NIGHT LETTERGRAM</div> <p style="font-size: 0.8em;">The Postal Telegraph-Cable Company (Incorporated) transmits and delivers this night lettergram subject to the terms and conditions printed on the back of this blank.</p> <p style="font-size: 0.7em; text-align: right;">CLARENCE H. MACKAY, PRESIDENT.</p> <table style="width: 100%; border-top: 1px solid black;"> <tr> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">RECEIVED AT</td> <td style="width: 50%; border-bottom: 1px solid black; text-align: center;">DELIVERY NO.</td> </tr> </table>	RECEIVED AT	DELIVERY NO.
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INDEPENDENT COMPETITIVE PROGRESSIVE			

Hagerstown, Md. October 13, 1910.

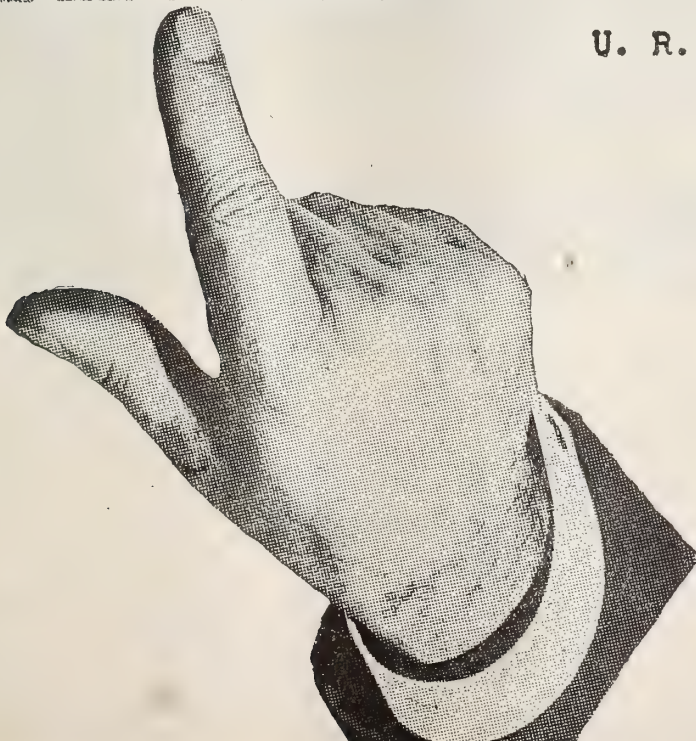
Mrs. U. R. Fishel,

Hope, Indiana.

Won first and second Cock, first and fifth Hen, first and third Cockerel, first Pullet, first and second Pen, special best display, special best Cock in show, special best Pullet in show over six thousand birds, very large class hot competition. This record again proves and more forcibly than ever before that our White Rocks are without any doubt

THE BEST IN THE WORLD.

U. R. Fishel





POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; send for it today. Also poultry post cards; samples free. CHAS. L. STILES, Columbus, O.

More Winter Eggs

Feed Hens Summer food in Winter and they'll lay as many eggs. Roots and vegetables—in proper form—is the best winter egg food. Here's the machine that cuts fast and fine in worm-like strips—which prevent choking.

Banner Root Cutter No. 7

has adjustable steel knives. Run easy—self feeding—low priced—nicely finished—durable and simple. Be sure to write for interesting circular.

O. E. Thompson & Sons, Ypsilanti, Mich.



Poultry for Profit

Locations in the Southeast should appeal to Poultry Raisers. The ease with which poultry can be raised there and the demand mean best advantage in profit making. The climate gives a laying period of ten and one-half months—hens get green food for that time. Poultry products find market at high prices in Southern cities, the North and in the West Indies. Lands at a low price suited for poultry, for fruit truck and general farming. Our publications sent on request.

Homeseekers' Tickets via Ohio River Gateways

M. V. RICHARDS

Land and Industrial Agent Southern Railway

1349 PENNSYLVANIA AVENUE, WASHINGTON, D. C.

"My Hens Are Laying and Laying Every Day"

This is the message that came to me last winter from far up in Canada—where the thermometer drops down to 40 degrees below zero—after this poultry owner adopted the Humphrey way.

I have helped thousands of poultrymen get winter eggs in plenty, and I will be glad to tell you how to make your hens lay an egg a day now when prices are going to record-making heights. It makes no difference what the matter is—you can make your hens lay if you will adopt the Humphrey way in connection with a

Humphrey
ALWAYS OPEN HOPPER
BONE CUTTER

Let me send you my free book, "The Golden Egg." Read it. Note what others have done, and then figure out how much you can make by having your hens lay all winter and from 150 to 250 eggs per hen a year—all at about one-half your present feeding cost.

If you have 10 or more hens, write for my help to make them profitable.

Here are a few more of the good things you will get:

How to get the finest egg-making food right in your own home town for almost nothing—how to start lazy hens laying—how to get eggs for early setting

—how to get fertile eggs—

—how to raise chickens for

March market—how

to shorten the moulting

period—how to

feed fresh cut bone

—how to multiply

your poultry

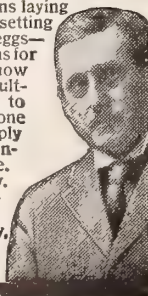
income by five.

Write to-day.

HUMPHREY

White St. Factory,

Joliet, Ill.



Brahmas was very light in deed and fact, probably excepting the cock class.

Good classes of Leghorns were shown, the S. C. White, Buff and Brown leading. In Whites Mr. H. E. Humphrey made a well deserved clean sweep in all the single classes. Buffs were an extra quality. Sound color, good size, typical and extra head points were attractive features. First cock a noble fellow. First pen old and first pen young grandly mated and of best quality. The first cockerel and first pullet also exceptional birds.

many others competent to win at most any show.

Bantams were a whole show in themselves, with something over 1,200 shown. The Seabrights, R. C. Blacks and Cochins were the largest classes. Game Bantams were close up in numbers, particularly the Pilis. The general grade ran high, and these little beauties had their thousands of admirers.

Turkeys, geese, ducks, etc., were also there, completing a dandy display.

H. P. Schwab.



Winner of first prize at Allentown, Pa., Sept., 1910, 218 Orpingtons competing.

Minorcas another large and strong class, and for this time of the year shown in good condition. The winners were just a little better than usual.

Polish and Hamburgs in their several varieties were represented, in most classes competition very strong. Andalusians, Houdans, Spanish Dorkings, etc., had their representatives here in good specimens.

Orpingtons in all three colors, white, black and buff, were quality classes, making a beautiful display. Several birds in each class should have special mention, as it was as good a class all through as we have ever seen in the fall. Outside the winners, there were

The Western Wisconsin Poultry Association will hold its annual show at La Crosse, Wis., December 7-12, 1910. This show receives state aid, and is backed by the business men of the city. E. H. Hoffman, judge. For premium list and other information, address Joseph H. Poehling, Sec., La Crosse, Wis.

The Vineland Poultry and Pet Stock Association will hold its annual show December 1-3, 1910. The show will be cooped with new Empire coops, and very attractive prizes will be offered. For full information and catalogue, write G. E. Smith, secretary, Vineland, N. J.

THE LAST WORD

ECONOMY

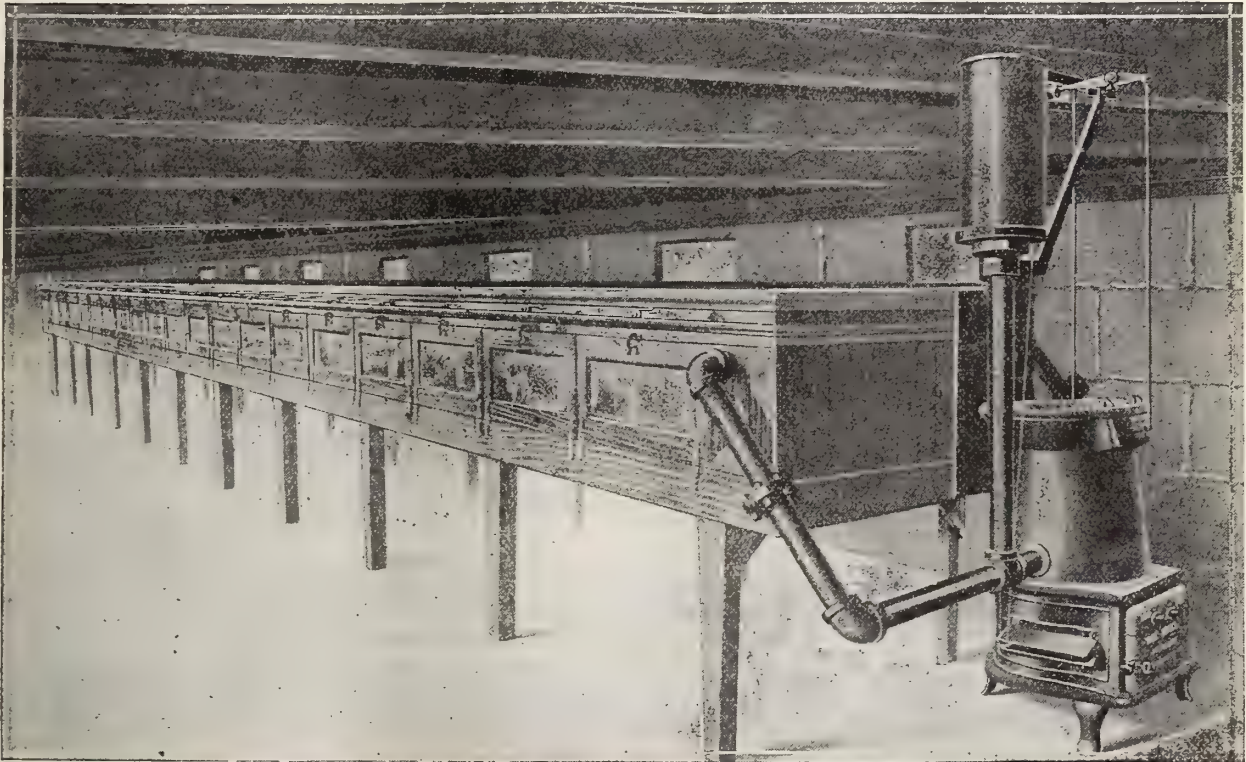
CERTAINTY OF RESULTS

SIMPLICITY

THE POSITIVE SUPERIORITY OF

THE HALL MAMMOTH INCUBATOR and BROODER SYSTEMS

IS PROVEN BY THEIR PERFORMANCE EVERYWHERE



"Not Once Disappointed with Results"

WILDERNESS POULTRY FARM, Inc.,
Breeders of Highest Quality White Wyandottes.

Egg Harbor City, N. J., September 2, 1910.

Hall Mammoth Incubator Co.,
Gentlemen: Utica, N. Y.

We are pleased to say that the 6,000-egg Incubator you installed for us, has given results far beyond our expectations.

During the past season we had an opportunity to try it under many different conditions, and not once were we disappointed with the results.

You will hear from us later with regard to extending the 6,000-egg machine to 10,200 capacity and an additional 10,200-egg Incubator.

Very truly yours,

WILDERNESS POULTRY FARM, Inc.
W. A. Parcels, General Manager.

"Not a Single Misrepresentation"

SPRING WATER POULTRY FARM.

Stockton, N. J., June 14, 1910.

The Hall Mammoth Incubator Co.,
Gentlemen: Utica, N. Y.

We are just about closing our first season of brooding chicks with your Hall Mammoth Brooder System, and wish to congratulate you upon the degree of completeness and perfection you have attained in your system of brooding. Not a single misrepresentation has been made to us, either by you or by your representatives. In fact we might say the results have exceeded our expectations. With your system of brooding, even a novice, with a little judgment, should rear at least 90 per cent. of chicks hatched.

Next season we shall add to our equipment a Hall Mammoth Incubator and some Colony Brooders, which we feel will give us a complete plant, that will produce results, limited only by the capacity of the same.

Very truly yours,

SPRING WATER POULTRY FARM.

Four Points of Excellence are emphasized by these letters:

SECURITY, COMPLETENESS, PERFECTION, RESULTS

The 1911 Catalogue is ready—So is the new booklet "RESULTS."

Ask for them—FREE

Dept. X

THE HALL MAMMOTH INCUBATOR CO., UTICA, N. Y.

A LIVING FR

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



The Philo System Is Unlike All Other Ways of Keeping Poultry and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

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Chicken Feed at 15 Cents a Bushel

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No lamp required. No danger of chilling, overheating or burning up the chickens as with brooders using lamps or any kind of fire. They also keep all the lice off the chickens automatically or kill any that may be on them when placed in the brooder. Our book gives full plans and the right to make and use them. One can easily be made in an hour at a cost of 25 to 50 cents.

Testimonials

South Britain, Conn., April 19, 1909.

Mr. E. R. Philo, Elmira, N. Y.
Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35¢ a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season.
Yours truly,
A. E. Nelson.

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Very truly yours,
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Special Offer Send \$1.00 for one year's subscription to the **POULTRY REVIEW**, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the Philo System Book.

E. R. PHILO — 14 LAKE S

M POULTRY

The Poultry Review

*A Monthly Magazine Devoted to Progressive Methods
of Poultry Keeping*

The POULTRY REVIEW is edited by E. W. Philo, author of the Philo System Book and founder of the Philo National Poultry Institute.

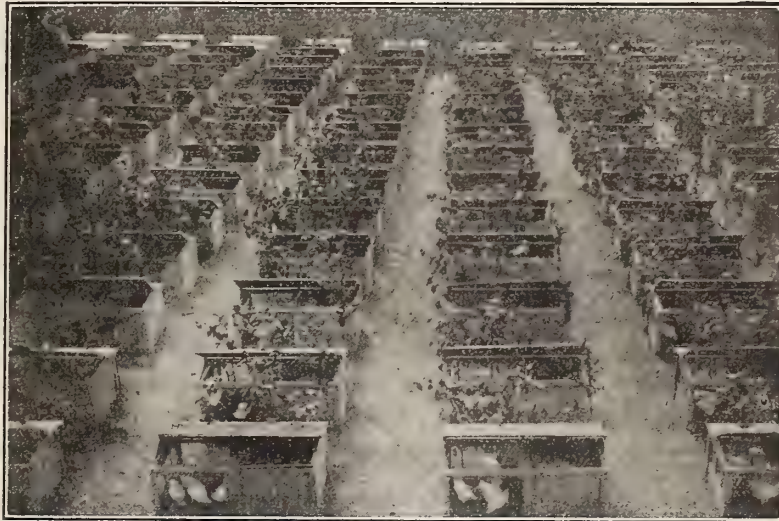
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For 1911 the POULTRY REVIEW guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class or poultrymen in every state and over thirty foreign countries.



Photograph taken from the roof of the Philo National Poultry Institute, showing a portion of the poultry plant

TESTIMONIALS

E. R. Philo, Publisher Poultry Review, Elmira, N. Y.

Dear Sir:—Of all the poultry journals I take, I would fail in all rather than in the Review, as I really like your paper the best of them all. Now I do not say this to curry favor, nor for any other purpose, because I really like your paper for the pithy and sound articles. There is no dry reading in it as there is in other poultry journals, such as accounts of poultry shows that do not really concern any one but those who are written about. I do not think that any one in any part of the country cares who wins and who does not. It is all right in a local show, written and published by a local paper. Well, success and great success for the Review, and I hope to receive it regularly in the future.

Very sincerely yours,
R. G. Wetmore.

905 Douglas St., Greensboro, N. C.
Feb. 12, 1910.

Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The Review came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.
Yours for success,
Milton Norman.

See Special Offer on Opposite Page

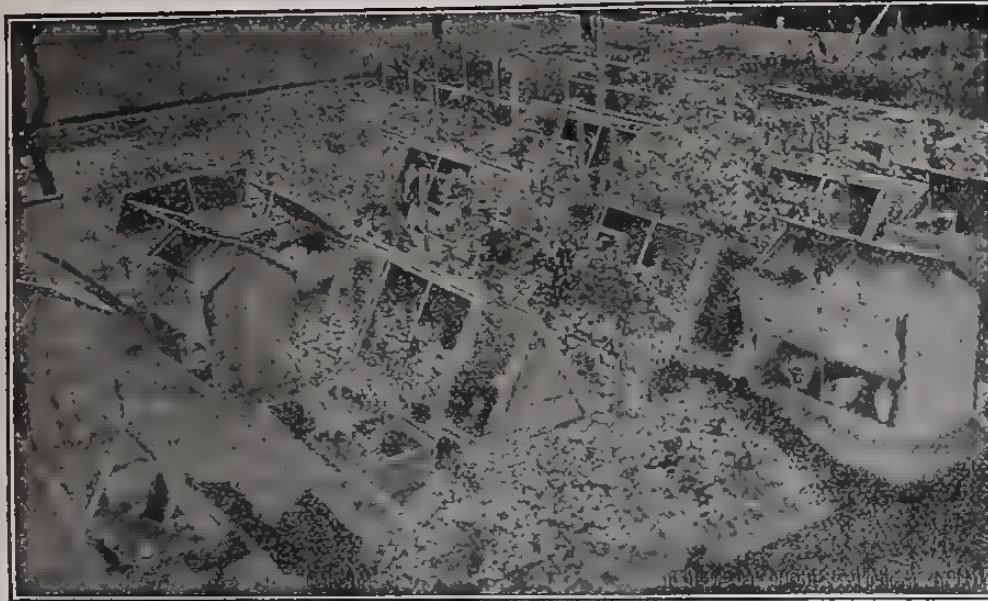


Sunflowers are planted along one side of the coops to provide temporary shade

ET — ELMIRA, NEW YORK

A LIVING FROM POULTRY

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



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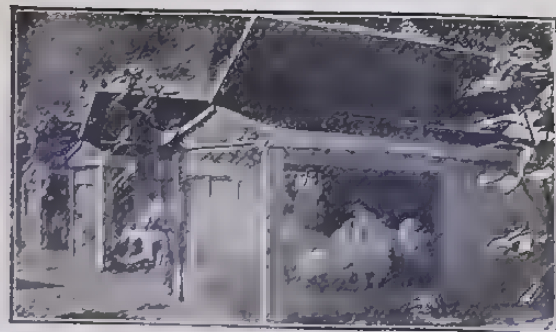
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In addition to the best original articles it is possible to obtain, a review of the best articles from over a hundred publications is made—the "cream" of the poultry press arranged for the busy reader.

Another thing that is proving of great value to our subscribers is our **Information Department**. Our editors are always ready to help subscribers. When any difficult problem arises and you see no way of solving it, write us, and we will give you a prompt personal reply. It is quite probable that we have had a similar experience and can help you. Although no charge is made for this service, it is worth many times the subscription price.

For 1911 the **POULTRY REVIEW** guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class of poultrymen in every state and over thirty foreign countries.

TESTIMONIALS

Box 214, Medicine Hat, Alta, Can., April 16, 1910.

E. R. Philo, Publisher Poultry Review, Elmira, N. Y.

Dear Sir:—Of all the poultry journals I take, I would fall in all rather than in the **Review**, as I really like your paper the best of them all. Now I do not say this to curry favor, nor for any other purpose, because I really like your paper for the pithy and sound articles. There is no dry reading in it as there is in other poultry journals, such as accounts of poultry shows that do not really concern any one but those who are written about. I do not think that any one in any part of the country cares who wins and who does not. It is all right in a local show, written and published by a local paper. Well, success and great success for the **Review**, and I hope to receive it regularly in the future.

Very sincerely yours,

R. G. Wetmore.

905 Douglas St., Greensboro, N. C.

Feb. 12, 1910.

Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The **Review** came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.

Yours for success,

Milton Norman.

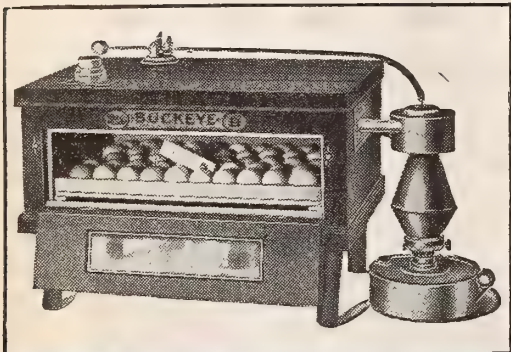
See Special Offer on Opposite Page



Sunflowers are planted along one side of the coops to provide temporary shade

E. R. PHILO — 14 LAKE STREET — ELMIRA, NEW YORK

Dealers Make Big Money



Mr. Dealer, you can sell 10 Buckeye Incubators for every one you sell of all other makes combined. Why? Because the size is right—50 eggs; the price is right—\$6, \$7 and \$8; and our guarantee is genuine—money back after 40 days' trial, for any reason, without question.

The Buckeye 50-egg Incubator is a great seller, because it is one of the very best incubators on the market. It contains every desirable device found on any incubator at any price. It is complete in every respect—tested and ready for immediate work when it leaves our factory. We want every good dealer in the country to handle the Buckeye, because we know it is the very machine the majority of their customers are looking for. Take on the Buckeye 50-egg Incubator as a side-line if you like—don't let it interfere with the sales of any other machine you handle—you'll soon find that the Buckeye is the biggest seller you ever had.

BUCKEYE 50-egg

Convenient Size

Only those who run the very large poultry farms require a bigger incubator than the Buckeye. Even those who can get together more than 50 eggs of a kind, at one time, would have bigger success with two or three Buckeyes than with one big machine. It is so much easier to control than a big machine.

Ease of Operation

The Buckeye is so compact and so complete that it has none of the difficulties of the big, complicated machines. Every part is right under your eye—you can follow each step in the operation with ease. It requires no previous incubator experience—just read over the printed instructions and you are as sure of success as an experienced poultryman.

Automatic Ventilation

The Buckeye Incubator ventilates itself—you don't need to bother about it at all—the air in the egg chamber is constantly being renewed so that the chicks get all the oxygen they require for their proper development.

Self-regulating

You never have to touch the regulator of the Buckeye Incubator once it has been set for a hatch. The thermostat and regulator keep the temperature at exactly the correct degree.

Complete Equipment

Every Buckeye Incubator is complete and ready to operate when you buy it. Complete lamp and chimney, thermometer and holder, two egg trays and an egg tester. No extras to buy. Every device that is necessary to make it the best hatcher in the world goes with the machine when it is sold.

The Low Price

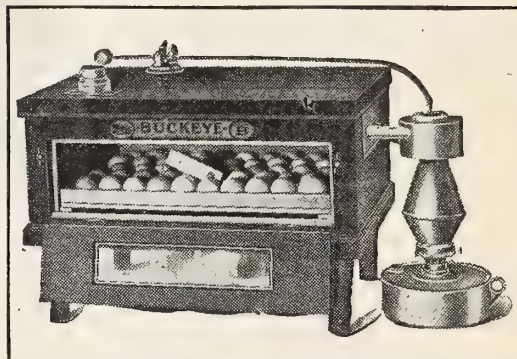
The price of the Buckeye 50-egg Incubator is from \$6 to \$8. That is a very low price when compared with the usual price of incubators and is made possible only through buying materials and manufacturing in large quantities. Only the very best material and the highest class workmanship are good enough for the Buckeye.

We want dealers everywhere to write for our special proposition and discounts. Let us show you what other dealers are doing with the Buckeye and what we do to help them sell more. It will cost you only a postage stamp to get all the facts—and it is certainly to your interest to know them. Write to-day.

The Buckeye Incubator Co.
501 W. Euclid Ave., Springfield, Ohio

Selling Buckeye Incubators

We've been making the Buckeye 50-egg Incubator for 21 years—each season we sell more of them—this season we will sell 100,000—all will be sold through dealers, and every one will be guaranteed. Last season four dealers alone sold ten thousand. How many will you sell this season?



The Buckeye 50-egg Incubator is certainly the sensation of the incubator world. It has beaten all records for sales. Wherever it was on sale last season it outsold all other makes. It is reasonable that it should. It is just the size most people want. It sells at a very reasonable price—\$6, \$7 and \$8. And it is sold with an absolute guarantee that it will hatch every hatchable egg or the purchase price is immediately refunded without question. The Buckeye has been sold under that guarantee for twenty-one years and we haven't been asked to take back one in a thousand. The Buckeye makes good. Every dealer in the country should write us for our special proposition. Let us tell you what other dealers have done with the Buckeye—and what we can help you do. Write to-day.

INCUBATOR \$6 to \$8

Built to Last

The Buckeye 50-egg Incubator is a staunchly built machine. Nothing but the very best material is used in its construction. The case is made of specially selected poplar, every piece of which is thoroughly seasoned before being used. The Buckeye will last for years and do its work perfectly all the time. There is no danger of its warping, splitting or cracking—it is staunch and solid and stays so.

Highest Class Workmanship

There is nothing slipshod about the building of the Buckeye. We employ only experienced workmen—most of them have been with us for years and know that every detail of their work will be thoroughly inspected, and that the slightest flaw in construction or material will throw an incubator out. Every machine we sell must be perfect enough to stand our full guarantee.

A Money Maker

The Buckeye has proven itself a wonderful money-maker. People who never handled a machine before have made a good steady income out of it. We know you can do the same.

Poultry Profits

There is good, big money to be made in poultry by those who go at it right. It doesn't mean going into it heavily, on a large scale. We know hundreds of people who are making a comfortable, steady income out of one Buckeye 50-egg Incubator. You see, you can't lose, because the Buckeye is guaranteed; it will hatch every hatchable egg you put into it, or you can have your money back.

40 Days Trial

You can have a Buckeye 50-egg Incubator in operation in your own home for forty days and still get your money back if you are not satisfied with it. Why don't you make this trial.

100,000 Buckeyes

The Buckeye 50-egg Incubator has proven such a success—so many people had heard about them and wanted one at once—that we couldn't supply the demand last season. But we are ready this season—we are building 100,000 Buckeyes.

If you are not a dealer—if you are a poultry raiser, or want to start raising poultry for money—write to us for our Catalogue. We will also send you, absolutely free, our two valuable books, "Making Money the Buckeye Way" and "51 Chicks From 50 Eggs." You'll profit by reading these books. Write for them to-day.

The Buckeye Incubator Co.

501 W. Euclid Ave., Springfield, Ohio

CHICK CHATS

by H. P. Schwab

This department is open to all readers and advertisers in the eastern territory and all are invited to send in all poultry news items that come to their attention. Address H. P. Schwab, eastern representative, Irondequoit, N. Y.

The fall shows are over, the crop has been extra large, and entries in the poultry departments have been larger than usual. Better quality has been the feature.

The list of prizes has also been improved, a general raise being noted. Poultry is rapidly coming to its own. The value of thoroughbreds is now considered on the farm, as well as in the fanciers' yards. Every little helps to make the future look brighter.

In our December issue we hope to continue our articles on "Possibilities of the Poultry Industry." We have been gathering items for this by visiting several money-making plants. The success of others will to some extent play its part in what is to follow.

No one can doubt but that there is money in the poultry business. The real question is, "how" to get it. We can tell you how others have gotten it, and if our readers will but consider this, with use of common sense and a knowledge of their special conditions, then they may also succeed.

The winter show season is upon us again. By the middle of this month it will be in full swing. Each year sees an earlier beginning and later ending. The mid-week shows are also meeting with the favor they deserve. To open a show on Thursday, judge Friday and Saturday and have all birds returned the following Thursday is a taking feature that is sure to become more popular.

Williamsport, Pa., is one of the first large eastern shows. They have held several shows there that were models from every point of view. The list of regular and special prizes is a feature, and every exhibitor is assured of due

consideration and perfect satisfaction. Send for list; the dates are November 28 to December 3. Address James T. Huston, Sec.

Mr. C. H. Welles, Stratford, Conn., has been after the blue fish of the Sound. Before going he wrote: "I have been busy all season hatching and raising chicks, and now have about 1,000 that are without doubt superior in quality to any I have ever had. Business has been grand, and the 'Fluffy-Ruffles' line is better and more popular than ever."

This season we have been booked to judge at three western shows—Belvidere, Ill., week of December 19; Jackson, Mich., January 1 and 2, and La Fayette, Ind., January 27 and 28. We hope to meet all our old friends at these shows and to make new ones. Please remember these shows and dates.

La Fayette, Ind., has kindly changed the dates for its show from the first week in January to January 27-31, to insure my presence. The birds will be judged Friday and Saturday, and all will be returned home before the close of the following week, avoiding a Sunday lay-over. Don't forget the change in dates, and write Rev. Thos. F. Everhart, Sec., R. R. No. 3, for further particulars.

By the time this issue reaches our readers we expect to be again on a trip east and south. We intend to call on as many breeders as is possible, but if there are some who in particular wish a call, please write me at home and state your wishes, and if at all possible, will see you.

So far we have arranged to make the following shows: Williamsport, Pa., November 28-December 3; Guelph, Ont.,

December 5-10 (the Canadian winter fair); Philadelphia, Pa., December 12-17; Belvidere, Ill., December 19-24; M. S. Garden, New York, December 26-31; Jackson, Mich., January 1-2; Baltimore, Md., January 3-7; Boston, Mass., January 10-14; Utica, N. Y., January 17-18; Canandaigua, N. Y., January 19; Buffalo, N. Y., January 23-26; La Fayette, Ind., January 27-28; Auburn, N. Y., January 30-February 4, with some others to hear from.

Look for the Owen Farm's announcement. There will be a new one very soon of special interest to many. More success to you, Wm. Barry Owen.

Lest you forget: The Auburn, N. Y., show dates are January 30 to February 4, 1911. Mr. Alban Linnenback, Sec., No. 85 Perrine street. This show promises to exceed the Auburn A. P. A. show of three years ago. Be sure you get a list.

Wonder what John S. Martin will sell his first prize New York State Fair hen for. No one who saw her, no matter what his fancy is, did not but wish to own her. Her value is the limit, be that what it may.

The Ontario Poultry Association will hold its second annual exhibit at Canandaigua, N. Y., January 17-21, 1911. Dr. C. J. Andruss, president; Dr. L. D. Southerland, secretary. The success of their first attempt is the assurance of a larger and better show in the coming ones. Remember the dates.

The Trans-Mississippi Poultry Show, which has held so many interesting and educational exhibits at Omaha during the past five or six years, will hold its exhibition in the mammoth new convention hall in the city of Council Bluffs, Iowa, just across on the east banks of the Missouri river, less than a mile from the building where the show has formerly been held in Omaha, December 11-17, 1910. This year they have the well-known favorite, "Billy" Russell, M. C. Ellison, Russell F. Palmer, Thos. H. Southard and Col. Victor Hobbs. A winning under judges like these means that your birds honestly were the best. Their premium list is now ready, and is sent free to all who send for it.—Anton Lundstrom.



CRUSADER III—A BOSTON WINNER

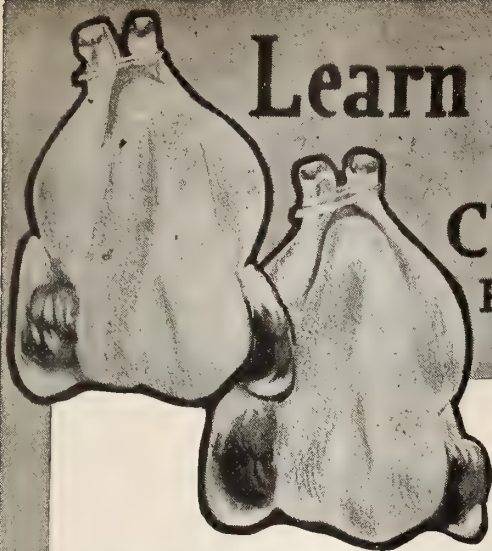
MARTIN'S REGALS AT THE NEW YORK STATE FAIR

Judge Drevendstedt's report in "Stock Keeper": "Wyandottes were a whole show alone. We certainly had our hands full judging these classes, especially the Whites, which numbered 240 specimens 31 breeding pens. It was about the best and largest class of White Wyandottes we ever saw or handled at a fall show. Quality was in evidence from end to end, very few inferior specimens being penned. Johnny Martin swooped down from Canada with a good string and took all the blue ribbons except one. The Canadian sprang one bright scintillating star in the first prize hen, a bird of great size, beautiful head points, and perfect outlines in each and every section. Not a trace of coarseness or Cochins looseness of feather was noticeable. The plumage was pure white, legs and

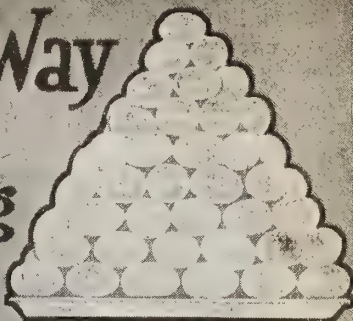
beak yellow. In true Wyandotte type and pure color this hen is a model. The old cock showed class but were not in good feather. First Cockerel a beauty in shape and color with fine head and comb. Pullets excellent, notably first and second, which rivalled first hen in size and type." Mr. M. K. Boyer, veteran breeder and judge in "Poultry Advocate": "We doubt if we ever saw a collection of better White Wyandottes. The specimens shown were large, as white as snow and just the kind that will bring good results." What further testimony is necessary to prove the preeminence of the Regal Strain? 1,500 Cocks, Hens, Cockerels and Pullets for sale. Free. Send for illustrated Booklet giving prices and description of stock.

Cocks, 1st, 2d and 4th
Hen, 1st, 3d and 4th
Cockerel, 1st, 3d and 4th
Pullet, 1st, 2d, 3d and 5th
Pen (Fowl), 1, 3, 4 and 5
Pen (Chicks) 2d and 5th
Best Display

John S. Martin, Box 51, Port Dover, Can.



Learn The Cyphers Way of Intensive Chicken-Farming For Bigger Profits



THE first thing to do is to write for *your* copy of our big, handsome 204-page book on "Profitable Poultry Raising"—just off the press. Send the "I-am-Interested" slip below. Or a postal. But do it today.

This book tells about intensive poultry raising.

Intensive *farming*, as you know, means getting the biggest, finest crops per acre—the best yields per foot of ground under cultivation.

Intensive *poultry raising* is the *same thing*—applied to the *chicken business*.

It means getting the best results—always—from the eggs and time and pains you invest—the

Biggest Percentages of Live, Sturdy, Fluffy Chicks

—from every machine—*every setting*. Intensive poultry raising vitally concerns *you*, whether you are an old-timer or a beginner.

It means making every effort count the utmost—no waste. It means having *the right equipment*.

And That Means—The Cyphers Incubator

Nobody denies the Cyphers leadership based on fifteen years of proved success for itself—and its users.

But, knowing this, some people will still try to experiment with the cheaply-built kinds—to "learn the business" with makeshift machines.

Remember, eggs and time and opportunity are too precious to waste in fooling—in guesswork. Chicken-raising is a *business*—to be gone about in a business-like way.

The best incubator is not too good for you.

Here is an incubator that is

Free From All Hatching Troubles

The Cyphers has absolutely no heat or moisture worries—no ventilation or regulation uncertainties.

It doesn't need to be coaxed—or sat up with.

The Standard Cyphers is a hot-air machine—because that is the *best* method. No leaky tanks to spoil your hatches. It has a Patented Diffusive Principle—the only perfect, dependable plan of even heat-

distribution. Found in no other incubator.

It is the World's Standard Hatcher. Used by more Government Experiment Stations, more large poultry plants, more leading fanciers, than all others put together.

Fire-Proof and Insurable

Cyphers Incubators and Brooders were the *first* to conform to the "Rules and Regulations" of the National Board of Fire Underwriters—the *first* to receive the official Fire Insurance Inspection Labels. Every Cyphers machine bears this label—your protection.

Results and service considered, Standard Cyphers are the *most economical* Incubators and Brooders made.

The Cyphers Incubator is fully and positively guaranteed. Test it for 90 days. Your money back if you are dissatisfied after fair trial.

A Billion Dollar Industry

Prices commanded for poultry and eggs are at *top notch*.

There is more money today in the poultry business than ever before. Its growth has been *amazing*.

In 1911 it will easily reach one billion dollars in national wealth.

Why not have *your* full share of these rich profits? There is success for you in the Cyphers way.

Write At Once For Handsome Free Book

"Profitable Poultry Raising" contains 204 pages of valuable helps, hints and experiences. It pictures and describes Cyphers Incubators and Brooders—from popular sizes up to the Mammoth 50,000-Egg Machines for big poultry plant equipment; tells about our newly patented Electrical Incubators and the 100 valuable poultry specialties which we manufacture and sell.

Fill out, clip and mail us the "I-am-Interested" slip below—or, send your request on a postal.



I Am Interested

In Intensive Chicken Farming for Bigger Profits. I have in mind a..... size incubator (or) a..... size Brooder. Please send me your book, "Profitable Poultry Raising" and complete 1911 catalog.

ADDRESS NEAREST OFFICE

Cyphers Incubator Company

Department 30, Buffalo, N. Y.

New York City
Kansas City, Mo.

Chicago, Ill.
(2,000 selling agents)

Boston, Mass.
Oakland, Cal.

My name is.....

My address is.....

To Cyphers Incubator Co., Dept. 30, Buffalo, N. Y.

**THE GREAT HAGERSTOWN FAIR
HAS JUST CLOSED ITS FIFTY-
FIFTH ANNUAL EXHIBITION
—7,000 BIRDS ON EXHI-
BITION.**

The poultry department is, of course, the one leading feature of the Hagers-

town Fair, and at their fifty-fifth annual exhibit they dedicated their handsome new poultry building, which cost about \$17,000. It is by far the largest and finest building of its kind in the country today owned by any fair association used

for the purpose of poultry exhibitions. The Hagerstown Fair Association and the breeders interested in the production of fancy poultry throughout the country can well be proud of what this association has done for the poultry industry.

Much credit is due the individual breeders who have been attending the

department of their fair in the years past and gone. It was through their zealous efforts in encouraging breeders to come out and exhibit at Hagerstown, thus building up the largest exhibition of fancy poultry in the country today.

One of the crowning features of the Hagerstown Fair was the annual banquet held on Wednesday evening at the Hotel Hamilton. Preceding the banquet was the parade of some 400 poultrymen, headed by a brass band. Immediately following this were a number of carriages containing the fair officials, the poultry judges and the ladies. Each of the poultrymen was provided with a white cap, which was worn during the parade. After a short march through the streets of the city they returned to the hotel and repaired to the banquet room.

Mr. H. E. Baker made a short address of welcome, inviting the poultrymen to partake of the following menu:

MENU.

Consomme, Clear
Fried Oysters
Salted Peanuts
Celery Olives
Cold Slaw
Finger Rolls Maryland Biscuits
Sherry
Fillet de Bouef, a la Petit Pois
Fried Spring Chicken, Maryland Style
Saratoga Chips
Tomato Salad, Mayonnaise Dressing
Hamilton Punch
Neapolitan Ice Cream
Assorted Fancy Cake
Oranges Peaches Pears Apples
Grapes Bananas
Coffee Mints
Cigars

Having satisfied the inner man, J. McPherson Scott, president of the Fair Association and mayor of Hagerstown, addressed the breeders present. Among some of the things he said were: "The eagle, our national bird, impresses us with its martial aspect, but as I looked around the show room today it came to my mind that the chanticleere and his mate had the American eagle 'beaten to a frazzle.' I suggest that we replace the eagle with the American rooster." These remarks were received with great applause.

The following were also called upon, who made a few remarks suitable to the occasion: George Ewald, U. R. Fishel, S. T. Campbell, H. H. Warner, Charles Carmen, Dave Nichols, George Brown, J. H. Drevenstrett, C. H. Shaler and Frank DeLancey, who spoke on the sub-



"RUSSELL CAVE" POULTRY YARDS
LOUIS LEE HAGGIN, PROP.
WHITE ORPINGTONS
LEXINGTON, KY

town Fair, and at their fifty-fifth annual exhibit they dedicated their handsome new poultry building, which cost about \$17,000. It is by far the largest and finest building of its kind in the country today owned by any fair association used

Hagerstown Fair from year to year, because it was through them that the necessity for this building arose, and we must remember, at this time, Mr. John Sparr and Mr. John Cosh and those associated with them in pushing the poultry de-

S. C. W. LEGHORNS

Young
Stock
Matured

S. C. Buff Orpingtons

Exhibition
Quality

Well matured birds of the right quality is what wins in the show rooms. My stock is of the best blood lines and has won in competition with the best breeders at the best shows. My young stock is well matured, pullets laying, have correct type, superb under and surface color. Let me quote you prices on birds for your coming show and breeding stock as well.

ROSELAND POULTRY FARM, CHAS. W. SWITZER, ROUTE 1, SOUTH EUCLID, OHIO

White Orpingtons—S. and R. C. Reds

Winners Wherever Shown—75 White Orpington cock birds, Kellerstrass Strain, \$5 up. Also a few hens, \$5 up. 15 R. I. Red cock birds, both combs, \$5 up. 50 females, \$3 up. If you want something extra good, order at once and get first choice.

W. ETZENSPERGER

WILLOUGHBY, OHIO

"SNOW FLUFF STRAIN"—My stock of pullets, cockerels, yearling breeders and cock birds represents the results of seven years of careful and close breeding. Write me your wants if it is quality you desire and mention A. P. J.

H. T. WHITNEY

ROCKY RIVER, OHIO

MIDLOTHIAN FARMS

110 ACRES DEVOTED EXCLUSIVELY TO

THOROUGHBRED POULTRY

Closing Out Sale

Having decided to breed Single and Rose Comb Rhode Island Reds exclusively in the future, we are offering for sale our entire stock in the following breeds: ❀ ❀ ❀ ❀ ❀ ❀ ❀ ❀

BARRED PLY. ROCKS

BRADLEY BROS.

WHITE PLY. ROCKS

HALLOCK

BUFF ORPINGTONS

COOK

WHITE ORPINGTONS

KELLERSTRASS

WHITE WYANDOTTES

DUSTON

Please note that all of the above are of the very best strains in the country, but will be sold at a sacrifice to dispose of quickly. Write for prices on what you want and get first choice. ❀ ❀ ❀ ❀ ❀ ❀

This is Your Opportunity

if you want the best blood at prices very little above market value. Don't delay, but write now. Please mention American Poultry Journal. ❀

Also Four Scotch Collie Puppies For Sale

JOHN G. POORMAN, MANAGER

TWENTY-THREE MILES
FROM CHICAGO : : :

:

:

TINLEY PARK, ILLINOIS

ject, "The Old Guard," in a very touching manner. A very enjoyable time was had by all, as you can readily imagine when we state that it was 12:45 when the gathering broke up.

The quality of the birds shown at the Hagerstown Fair is the equal of any of the large winter shows, and a prize won here is equally as important. In many of the prominent classes birds which were nearly the equal of those securing the ribbons had to be left out of the money, as there were not enough prizes to go round. We understand a number of birds changed hands at Hagerstown at some very long prices.

Probably the most remarkable winning made at Hagerstown was that of U. R. Fishel, of Hope, Ind., on his White Plymouth Rocks. Mr. Fishel made a clean sweep by winning every first prize in the class. Not only that, but special for the best display, special for the best cock and special for the best pullet in the Rock class, all varieties of Rocks competing. His winnings in detail were: First and second cock, first and fifth hen, first and third cockerel, first pullet, first and second pen. Mr. Fishel's exhibit showed the Fishel type throughout and attracted much admiration and comment from the breeders present, who know and appreciate the good points in a White Rock.

The Buff Rock class was very large and the quality was good throughout. In this class Mr. Calvin Hicks, Rockville, Md., won first hen and fourth pullet. Mr. Hicks also exhibited in the Buff Wyandotte class, where he won first pullet, third cockerel, third hen, winning five places on eight entries.

Dr. J. A. Arbuckle, Elkins, W. Va.,

had some fine partridge Wyandottes on exhibition and won his full share in this class.

Richland Farms, Frederick, Md., exhibited White Rocks, White Leghorns and Buff Orpingtons, winning their share of the premiums in the several classes.

Rockland Farm, Benson, Md., had four entries in the White Rock class, and succeeded in capturing three prizes, which speaks well for the quality of White Rocks bred by Mr. Lee, of Rockland Farm.

C. A. Matsinger, Baltimore, Md., exhibited some fine partridge Plymouth Rocks, which were among the winners.

Mountain State Poultry Yards, Elkins, W. Va., Mrs. S. E. Tiffany, proprietor, S. E. Tiffany, manager, exhibited a fine string of Columbian Wyandottes, winning first, second and third cockerel, first and fifth hen, first and second pullet, first and second pen, making a remarkable winning in a good class of Columbians, and their first prize cockerel is worthy of special mention. He was of the genuine Wyandotte type, having fine black markings.

Onlya Farms, Morristown, N. J., were exhibitors in the White Wyandotte class, winning third, fourth and fifth cockerel, first and fifth pullet, first and third pen. No old birds shown. This farm has been winning at Trenton, Allentown and other fairs this fall. They are certainly breeding Wyandottes that can go out and win in good company.

Pine Rose Poultry Yards, R. K. Knisley, breeder of fine S. C. Buff, Black and White Orpingtons. Won first S. C. Black Orpington cock and third hen. In Buffs, third cock and third pullet. At the recent fair held at York, Pa., Mr. Knisley

won ten firsts and second prizes, and special medal for best cock in show. This was won by the same bird who won first at Hagerstown. This bird is a remarkably true Orpington type, and although in poor feather at this show he still showed the good quality which he possesses, and was deservedly placed at the head of his class.

Ridge View Poultry Farm, A. G. Clark, owner, had a string of birds on exhibition at Hagerstown, in charge of F. C. Wood, manager. In R. C. Reds on five entries they succeeded in capturing four of the coveted prizes. In R. C. White Orpington on one entry they won first hen. In Polish Bantams they won first hen and second cock. Partridge Cochins Bantams, fifth cock, third hen. R. C. Black Bantams, fourth hen.

J. Ed. Richardson, Jr., Arlington, Md., exhibited some fine R. C. Reds and his birds were among the winners, being very fine specimens of that popular variety.

Charles McClave, New London, Ohio, had a string of birds at Hagerstown and succeeded in capturing a goodly share of the prizes. In the S. C. Brown Leghorn class he exhibited a cockerel which was a very fine specimen, but somehow his good points escaped the judge's eye, and he was only placed second, whereas everyone who knew a Leghorn said he should have worn the blue.

Metuchen Poultry Farm, W. A. Smith, proprietor, Metuchen, N. J., exhibited some high-class specimens in S. and R. C. Black and S. C. White Minorcas. In R. C. Blacks he won first pullet, second cock, third cockerel, first pen. In S. C. Blacks he won second and third cock, third and fifth cockerel, fourth pullet. In S. C. White he won first cock, fourth and fifth

White Rocks—White Wyandottes

Sweep the Decks at two of the South's greatest shows. Final winners of the handsome Purina Punch Bowl and the Corno Mills Cup for best pen of White Rocks and White Wyandottes. *Thirty Ribbons* on 30 birds. Ten firsts out of 10 possible firsts, on the two breeds. Awarded the *championship honors*, and winners of the *gold engraved leg bands*.

Nashville, Tenn., Winnings, Sept.-Oct., 1910

WHITE ROCKS: 1st Cock, 1st Hen, 1st, 2nd, 3rd, 4th Cockerel, 1st, 2nd, 3rd, 4th Pullet, 1st Pen. Special Cups for best Cock, best Pullet and best Pen in the show.

WHITE WYANDOTTES: 1st Hen, 1st Cockerel, 1st, 2nd, 3rd, 5th Pullet, 2nd Pen (Cockerel not matured).

Memphis, Tenn., Sept.-Oct., 1910

WHITE ROCKS: 1st Cock, 1st Hen, 1st, 2nd, 3rd and 4th Cockerel, 1st, 2nd, 3rd, 4th Pullet, 1st Pen, Special best Cockerel in the show, best Pullet in show, and winners of the gold leg bands, and CHAMPIONS of the SHOW; Special for best pen Plymouth Rocks, and final winners of Purina Punch Bowl won in 1908 by us at Memphis. *Grand Prize \$50.00 in Gold* for best 15 birds of one variety, \$10.00 in gold for best pen Plymouth Rocks.

WHITE WYANDOTTES: 1st Cock, 1st Hen, 1st, 2nd and 5th Cockerel, 1st, 2nd, 3rd, 4th and 5th Pullet, 1st Pen, and Special for best pen Wyandottes, final winners of the Corno Mills handsome Cup, won by us at Memphis, 1910. \$10.00 in gold for best pen Wyandottes.

Several hundred head of young and old stock for sale. Satisfaction guaranteed or no sale. Eggs in season, and orders are booked now. Write for any information on prices for stock, etc. All correspondence cheerfully answered. Write today. REMEMBER WE ARE BREEDERS and RAISERS OF OUR OWN STOCK.

Rockandotte Farm

W. R. Graves
Mrs. S. H. Graves

R. 3, Southboro, Mass.

A Little Poultry and a Living

Is the title of a booklet we will mail free. It was written by the author of the Philo System book, who makes everyone of his hens pay him a profit of \$50 to \$100 each



Cycle Brooder Hatcher, a complete all metal, fire-proof hatching and brooding plant for only \$8.00.



The All-Metal, 50-egg Cycle Hatcher only \$6.00, complete.

Our New Discoveries Make Poultry Keeping Easy and Profits Sure

Our machines were used exclusively in the original Philo System plant, where over 1,500 FROM 60 HENS IN TEN MONTHS has been cleared from the sale of eggs, baby chicks and fowls, raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four metal mothers, and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time, with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steadily as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chicken like the mother hen.

TESTIMONIALS

The Cycle Hatcher Co.,
Elmira, N. Y.

Sirs: I have used your incubators, both the Cycle Hatcher and the Brooder Hatcher, during two seasons, and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatcher makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders.

Very truly yours,
Rev. E. B. Templer,
Valley Falls, N. Y.

The Cycle Hatcher Co.,
Elmira, N. Y.

Sirs: No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$960 running our hatchery plant, consisting of 56 Cycle Hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are

Very truly yours,
Mrs. C. P. Goodrich,
Elmira, N. Y.



Brooder Hatcher doing double duty—hatching and brooding at the same time.

Prices

One Brooder Hatcher, \$8;
two, \$15; four, \$29.

One Cycle Hatcher, \$6; two,
\$11.50; four, \$22.

Cycle Lampless Brooders—
All Metal, and will last a
life-time—\$1.50, \$2 and \$2.50
each.

We have warehoused and can
ship from Colorado, Indiana,
and Ontario, Can., at slightly
increased prices.

Large stock of machines at
Oakland, Cal., our Western
office. Write Cycle Hatcher
Company, Oakland, Cal., for
Pacific Coast prices.

Cycle Hatcher Co. : 206 Clover St., Elmira, New York

cockerel, third pullet, first pen. Mr. Smith's Minorcas have a national reputation, having won at many of the largest shows in the country.

Miss O. E. Remsen, Annapolis, Md., showed a fine string of S. C. Black Minorcas, winning first and third cock, first and fifth hen, second cockerel, first and fifth pullet, first pen, and special for best display.

It certainly is an Orpington year, and the breeders of this popular breed were out in force at Hagerstown.

The exhibit of the White Orpington Farms, of Hoboken, Pa., attracted consid-

at once to decorate his coop in a very artistic manner, and his exhibit attracted general attention.

The sensation of the show was the White Orpington hen, "Our Lady of the Snows," owned by Sunswick Farm, South Palmyra, N. J. She won not only first in her class, but a bronze medal for the best hen in the show and a silver cup for the best Orpington in the show. She also won the Grand Sweepstakes Silver cup for the best bird in the show, all varieties and classes competing, thus repeating her record made at Allentown. Judges and breeders, one and all, agreed

and blacks. Their winnings in detail were: Whites—First and fourth hen, second cockerel, second pullet. Blacks—Second and fourth cock, fourth and fifth hen, third cockerel, fifth pullet. Buffs—First and fourth cock, second hen, first and fifth cockerel. Mr. John Arnott was in charge of the Sunswick birds and made many friends during the show.

There was considerable delay in cooping the birds, due, perhaps, to the new building and large number of entries. This should not be allowed to happen another year.

We wish the Hagerstown Association



BIRD'S-EYE VIEW OF COLONY HOUSES ON THE MIDLOTHIAN FARMS, TINLEY PARK, ILL.

erable attention, especially as they won first, second and third cockerel, first and third pullet, first pen. They had no entries in either cock or hen classes and when this is considered and one realizes that they won every first for which they competed it is truly a remarkable winning, particularly in such company as was to be found in the White Orpington class at this show.

Mr. W. B. Glotfelty, owner of the Champion White Orpington Farm, is a very enthusiastic breeder and proceeded

she was simply perfection. Her coop was handsomely decorated, being lined with pale blue silk, while wide blue satin ribbon was draped and tied in bows over the front, which was further set off by four large bunches of pink roses. All this was topped by a sign written in gold letters, which stated that "She was worth more than her weight in gold." She seemed to appreciate her importance and took the many admiring glances like a true lady, as her name implies.

Sunswick also exhibited some fine buffs

continued success and hope to again meet all of our friends at Hagerstown.

C. W. Zimmer.

The third annual exhibition of the Chautauqua County Poultry Association will be held December 13-17, 1910. The judges are W. C. Denny and George H. Burgott. Premium list will be ready November 25, and will be mailed to anyone writing the secretary, A. J. Hammerstrom, 627 English street, Jamestown, N. Y.

WHITE ORPINGTONS

Hagerstown Winners We won every first we competed for, 1st, 2d and 3d cockerel; 1st and 3d pullet; 1st pen. No cocks or hens shown. This remarkable winning at a show of 7,000 birds like Hagerstown stamps our birds as real champions. We now own "Champion of England," the great sensational cockerel that won first and grand challenge trophy of England of \$250 cash prize for best bird in the show; also own the sensational pullets of Crystal Palace, 1910. Only the best good enough for us. 100 grand cockerels, show and breeding birds at special low prices. Trios and pens mated by us for best results. We will please you. Write us today.

Champion White Orpington Farms : : : : **Hoboken, Allegheny County, Pennsylvania**

Big Hatches Spell Large Profits

In order to pull off a successful hatch you must know all the details of incubation. Everybody can run an incubator, but few can operate one to the degree of accuracy necessary to obtain a 90 per cent hatch. Realizing this fact and knowing that at the present time there is no book published which gives the beginner all the information necessary to enable him to pull off such a hatch, we have published a new book.

"How to Operate Incubators and Brooders Successfully"

This book contains 84 pages of solid reading matter; it tells you how to operate all standard makes of incubators successfully, how to select your eggs, how to care for your little chicks after they are hatched; in short, it tells you everything you ought to know in order to pull off a successful hatch. Although the information contained in this book is worth a fortune to the beginner, we have fixed the price at 50 cents per copy. Send your order today to

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is devoted to the interests of both fanciers and practical poultrymen. It is authoritative and helpful in all branches of poultry work, from the hatching and rearing of chicks to the maturing of fowls for showroom and market. It is the second oldest poultry publication in the United States and stands second to none in its value to poultry raisers. It is helpful to the beginner as well as to the expert. The newest and best in poultry literature is found between its covers each month. Published by Clarence C. DePuy, Syracuse, N. Y. Price, 50c.

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THE POULTRY EXHIBIT AT THE ILLINOIS STATE FAIR.

The great Illinois State Fair has come and gone. It is with great pleasure we look back upon the magnificent poultry exhibit of this year. Illinois certainly has done herself proud, not only in the number of entries, but also in the high quality of the birds exhibited. Last year's exhibit was excellent, and the efficient manner in which it was handled by Mr. McCord, the superintendent, who was in charge again this year, brought out the increased number of entries which taxed their poultry building to its utmost capacity. All the railings on the side of the hall had to be removed to make room for additional coops, and then it was necessary to put two birds in a cage in some cases. Something like 4,000 birds were on exhibition.

What impressed the visitor the most was the exceptionally high grade and condition of the birds shown, which approached very nearly to that of a regular winter show.

Especial mention must be made of the number of White Orpingtons on exhibition, over 150 birds competing. Black Orpingtons were in a class all by themselves, and the winners showed best type we have seen for years.

Illinois is always a hotbed of Barred Rock fanciers, and the number and quality of birds shown this year once more verified the statement. An excellent and large class of White Rocks took up a whole aisle of the show, and the females were absolutely the best we have ever seen at a state fair. The piece de resistance were easily the White Wyandottes. Here quality reigned supreme. We cannot help but mention the excellent condition and fine type of all birds exhibited.

Geo. H. Rudy, of Mattoon, had a string of birds on exhibition that were undoubtedly the best of the show. His first prize cockerel was a wonder, and if he keeps in shape like he was when we saw him he will certainly duplicate "Old Perfection's" record, Rudy's famous old bird, which recently died. Hartman Stock Farm's first hen was a wonder in shape and size, and well deserved her first prize.

White Leghorns were out in good number, and the quality and type of the birds shown by the White Leghorn Poultry Yards, of Pekin, Ill., is worthy of mention.

Our old friend, Mr. Chase, of Hillsboro, was on deck again with his Black Minorcas and Rose Comb Brown Leghorns, and as usual copped his share of the prizes.

Rhode Island Reds, Rose and Single Comb, brought out the hottest class ever shown at the state fair, and as far as quality and type goes, were easily the best shown to date.

Buschmann & Pierce's exhibit was the attraction of the show, and, owing to Mr. Pierce's recent injury at Nashville, Tenn., when he broke his leg, the burden of the work fell upon Mrs. Buschmann, and the efficient manner in which she handled her birds, as well as the handsomely decorated coops, speaks volumes in praise of her.

While we cannot mention all the different varieties, we publish herein a list of the entire winnings. Information which we have received from various persons that know during the fair is that a new poultry building will probably be erected during the course

of the coming year, as the building now in use will certainly not hold the birds next year.

A "ladies' institute" was held in the tent outside the poultry building and lectures on different poultry subjects were given to the lady visitors.

The Illinois State Branch of the American Poultry Association also held a meeting, and about fifteen new members were secured. Addresses by Fred Kimmey, Hale, Phillips, Rev. Green and others were given, and it was voted that the medals and diplomas of the American Poultry Association should be competed for at the Illinois State Show, to be held in Springfield.

By the way, the state show this year promises to eclipse all former efforts, and the many cash prizes that will be offered should bring out a banner exhibit.

F. C. Hare, Quincy, Ill., was appointed state organizer for the American Poultry Association.

LIST OF AWARDS.

Barred Plymouth Rock.—J. J. Klein, Macon, Ill., 1st cock, 2d hen, 1st pen, 2d cockerel. F. Gage Cutler, Carthage, Ill., 2d cock. Henry Stuber, San Jose, Ill., 3d cock. Edward Brown, Mendota, Ill., 1st hen. Riggan & Johnston, Petersburg, Ill., 3d hen. B. O. Ball, Cambridge, Ill., 3d cockerel. Charles C. Hutton, Litchfield, Ill., 1st cockerel. Fred Longnecker, Cayuga, Ill., 1st pullet, 3d pullet. J. A. Leland, Springfield, Ill., 2d pullet. M. M. Smith, Barnett, Ill., 2d pen. Practical Poultry Farm, Charleston, Ill., 3d pen.

White Plymouth Rock.—John Henry Lynch, Edwardsville, Ill., 1st cock, 3d pen. F. Gage Cutler, Carthage, Ill., 2d and 3d cock, 2d hen, 3d cockerel, 2d and 3d pullet, 1st pen. W. W. Graham, Bradford, Ill., 1st hen. A. B. Constant, Williamsville, Ill., 3d hen, 1st cockerel, 2d pen. W. E. Jones, Williamsville, Ill., 2d cockerel, 1st pullet.

Buff Plymouth Rock.—R. W. Ward, Normal, Ill., 1st cock. E. A. Myers, Mt. Sterling, Ill., 2d cock, 2d hen, 1st cockerel, 2d pen. Sherman A. Havens, Shelbyville, Ind., 3d cock. Hartman Stock Farm Co., Columbus, Ohio, 1st hen. C. E. Stevens, Danville, Ill., 3d hen, 1st pullet, 1st and 3d pen. L. O. Bloomberg, Cambridge, Ill., 2d cockerel, 2d pullet. Thos. F. Chamberlain, Brighton, Ill., 3d cockerel. F. Gage Cutler, Carthage, Ill., 3d pullet.

Partridge Plymouth Rock.—Charles P. Clemens, Oakland City, Ind., 1st, 2d and 3d cock, 1st, 2d and 3d hen, 1st, 2d and 3d cockerel, 1st and 3d pullet, 1st, 2d and 3d pen.

Silver Wyandotte.—John Ostle, Collinsville, Ill., 1st and 2d cock, 3d cockerel, 1st pen. August W. Schroeder, Chestnut, Ill., 3d cock, 1st, 2d and 3d hen, 1st cockerel, 1st and 2d pullet. Ed. C. Dewhart, Mendota, Ill., 2d cockerel. Practical Poultry Farm, Charleston, Ill., 3d pullet.

Golden Wyandotte.—J. S. Pennington, Plainfield, Ill., 1st and 2d cock, 1st and 2d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet, 1st pen. Smiley & Burnside, Milligan, Ind., 3d cock, 3d hen, 3d cockerel, 2d and 3d pen.

White Wyandotte.—George H. Ruddy, Mattoon, Ill., 1st, 2d and 3d cock, 2d and 3d hen, 1st and 2d cockerel, 1st and 3d pullet, 1st and 3d pen. Hartman Stock Farm Co., Columbus, Ohio, 1st hen, 3d cockerel, 2d pen. Mrs. Arthur Seymour, Murrayville, Ill., 2d pullet.

Buff Wyandotte.—Hartman Stock Farm Co., Columbus, Ohio, 1st and 2d cock, 1st hen, 2d and 3d cockerel, 2d pullet, 2d and 3d pen. Mahaney Bros., Winterrowd, Ill., 3d cock. Vance & Gietl, Springfield, Ill., 2d hen. F. F. Todd & Sons, Peoria, Ill., 3d hen, 1st cockerel, 1st and 3d pullet, 1st pen.

Silver Penciled Wyandotte.—Lambert P. Fleck, Springfield, Ill., 1st, 2d and 3d cock, 1st hen, 1st cockerel, 1st, 2d and 3d pullet. Smiley & Burnside, Milligan, Ind., 2d cock, 2d hen. Mahaney Bros., Winterrowd, 3d hen.

Partridge Wyandotte.—Hartman Stock Farm Co., Columbus, Ohio, 1st and 2d cock, 1st and 3d hen, 2d and 3d pen. Sheffield Farm, Glendale, Ohio, 3d cock, 2d hen, 2d cockerel, 1st pen. R. Zink Sanders, Decatur, Ill., 1st and 3d cockerel, 1st, 2d and 3d pullet.

Columbian Wyandotte.—Calvin Ott, Prophetstown, Ill., 1st cock, 1st and 2d

THE SUPREME TEST -A REAL INDUSTRY

THE SUPREME TEST OF A MAMMOTH INCUBATOR or of any other important piece of mechanism costing several hundred dollars is not the actual work it does. *The Real Test Is:* Having bought some particular make or type and "tried it out" in practical use, would you buy another just like it?

That is the supreme test! Many, very many of us invest in some article, small or large, then decide to get along with it, to "make the best of it;" but if we were given the chance to try again we would decide differently—would buy something else.

Putting money into a Mammoth Incubator is not like buying one, two or half a dozen small-sized, portable incubators. Making

Moriches, Long Island, N. Y. October 1, 1910, Mr. Cox placed an order with us to duplicate this machine by installing another 22-compartment Cyphers Mammoth in the same cellar—see illustration.

In the Fall of 1909, E. O. Wilcox, next door neighbor to A. J. Hallock, ordered of us a 40-compartment Cyphers Mammoth. September 12, 1910, he ordered a second machine, this one consisting of 24 compartments.

Last winter F. W. Babcock, proprietor of the Babcock Custom Hatching and Day-old Chick Farm, Fredonia, N. Y., bought of us a 6,000 hen-egg Cyphers Mammoth. After testing it an entire season, extending well into the summer, he gave us an order, August 15, 1910, to enlarge this machine to a capacity of 14,000 eggs.



INCUBATOR CELLAR OF A. J. HALLOCK.



INCUBATOR CELLAR OF F. W. BABCOCK.



INCUBATOR CELLAR OF T. V. COX.



INCUBATOR CELLAR OF E. O. WILCOX.

a mistake in the small machine you decide to buy should not prove serious. You can correct such a mistake at comparatively small loss. But if the same mistake is made in deciding on the Mammoth Incubator you are to install, the loss in time, labor, eggs and profits will be severe and discouraging.

Cyphers Mammoth Incubators were placed on sale late in 1907—after we had tested them several years ourselves. That winter we sold a 96-compartment machine (35,250 duck egg or 48,000 hen egg capacity) to A. J. Hallock, proprietor of Atlantic Duck Farm, Speonk, Long Island, N. Y. After testing this big incubator two years, Mr. Hallock, in the Fall of 1909, bought a second Cyphers Mammoth of us made up of 30 compartments.

In the Fall of 1907 we sold a 22-compartment Cyphers Mammoth to T. V. Cox, proprietor of Forge River Farm, Center

Certain It Is that experienced and successful men like these would not place "repeat orders" for so important an article as a Mammoth Incubator holding thousands of valuable eggs at one filling, unless they were well pleased with its work—unless they were convinced that they were right in the first place—That they had bought the best article of the kind on the market.

Herewith are photographic views of the incubator houses or cellars of Messrs. Hallock, Babcock, Cox and Wilcox—buildings which show plainly that chicken raising and duck growing, by the use of Cyphers Mammoth Incubators holding 4,000 to 60,000 eggs at one filling, has now become a real industry—a regular business involving no more financial risk than the average commercial investment or mercantile pursuit.

SPECIAL CIRCULAR: Cyphers Mammoth Incubators, 1911-Pattern, are shipped knock-down at low freight rates with photographs and blue-prints that will enable the purchaser to set up his own machine. Any man who is handy with tools can do the work. If interested, write for our special 20-page circular (just printed) giving prices and full particulars. Address factory and home offices, or nearest branch house.

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1569-1571 Broadway, OAKLAND, CAL.

hen, 1st and 3d cockerel, 1st and 2d pullet. J. A. Leland, Springfield, Ill., 2d and 3d cock, 2d cockerel, 3d pullet, 1st pen. Smiley & Burnside, Milligan, Ind., 3d hen.

Black Java.—H. C. Hunt, Delevan, Ill., 1st and 3d cock, 2d and 3d hen, 2d and 3d pullet. Mahaney Bros., Winterrowd, Ill., 2d cock. Sherman A. Havens, Shelbyville, Ind., 1st hen. Smiley & Burnside, Milligan, Ind., 1st pullet.

Mottled Java.—Smiley & Burnside, Milligan, Ind., 1st and 2d hen, 1st cockerel, 1st pullet.

Single Comb Buff Orpington.—Mrs. W. B. Mitchell, Mt. Pulaski, Ill., 1st cock, 1st and 3d hen. J. S. McDavid, Hillsboro, Ill., 2d cock. J. W. Cruzan, Mattoon, Ill., 3d cock, 2d hen, 1st cockerel, 1st pullet, 1st pen. P. C. & J. P. Giltner, Maunie, Ill., 2d and 3d cockerel, 2d pen. Fernie Deuterman, Atlanta, Ill., 2d pullet. Wm. Watts, Leland, Ill., 3d pullet.

Single Comb White Orpington.—Mrs. Deane Funk, McLean, Ill., 1st cock. J. Ed. Priddle, Litchfield, Ill., 2d cock, 2d pen. J. S. McDavid, Hillsboro, Ill., 3d cock. Troy Medaris, Bement, Ill., 1st and 2d hen, 1st cockerel, 1st, 2d and 3d pullet. Oren T. Brandom, Hettick, Ill., 2d cockerel. Dr. O. C. Colby, Hillsboro, Ill., 3d cockerel. Will A. Green, Barnett, Ill., 1st pen. D. W. Shelby, Williamsville, Ill., 3d pen. Clara Smith, Weldon, Ill., 3d hen.

Single Comb Black Orpington.—Blue Ribbon Poultry Farm, Columbus, Ind., 1st and 2d cock, 1st, 2d and 3d hen, 1st, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st pen. J. F. M. Greene, Hillsboro, Ill., 3d cock.

Single Comb Rhode Island Red.—J. F. Minge, Chicago Heights, Ill., 1st cock. W. C. Pierce, Indianapolis, Ind., 2d cock, 1st, 2d and 3d hen, 2d and 3d cockerel, 2d pullet, 1st pen. A. C. List, Chicago, Ill., 3d cock, 2d pen. H. R. Crane, Grafton, Ill., 1st cockerel. E. H. Schmidt, Staunton, Ill., 1st pullet. Mrs. T. C. Elmore, Springfield, Ill., 3d pullet, 3d pen.

Rose Comb Rhode Island Red.—C. L. Bushman, Indianapolis, Ind., 1st and 2d cock, 1st, 2d and 3d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet, 1st, 2d and 3d pen. W. D. Lipe, Litchfield, Ill., 3d cock. W. W. Wallatt, Sheldon, Ill., 3d cockerel.

Buff Cochins.—Smiley & Burnside, Milligan, Ind., 1st and 2d cock, 3d cockerel,

1st, 2d and 3d pen. Vance & Gietl, Springfield, Ill., 3d cock, 1st, 2d and 3d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet.

Partridge Cochins.—W. D. Hunter, Loami, Ill., 1st, 2d and 3d hen, 1st, 2d and 3d cockerel, 1st, 2d and 3d pullet. P. C. Campbell, Loami, Ill., 1st pen.

White Cochins.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st, 2d and 3d hen.

Black Cochins.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st and 2d hen.

Black Langshan.—R. A. Hewes, Crete, Ill., 1st and 2d cock, 1st and 3d hen, 1st and 2d cockerel, 1st pen. T. W. Eckles, Camp Point, Ill., 3d cock, 2d hen, 3d pullet. A. K. Gilbert & Sons, Clayton, Ind., 3d cockerel. Chas. L. Denton, Springfield, Ill., 1st and 2d pullet, 2d and 3d pen.

White Langshan.—Mahaney Bros., Winterrowd, Ill., 1st cock, 2d hen. Hartman Stock Farm, Columbus, Ohio, 2d cock, 1st cockerel, 1st pullet. Smiley & Burnside, Milligan, Ind., 3d cock, 1st and 3d hen, 2d and 3d pullet, 1st, 2d and 3d pen. Mrs. T. W. Eccles, Camp Point, Ill., 2d and 3d cockerel.

Dark Brahma.—Smiley & Burnside, Milligan, Ind., 1st, 2d and 3d cock, 1st, 2d and 3d hen, 1st, 2d and 3d cockerel, 1st, 2d and 3d pullet.

Single Comb Brown Leghorn.—R. J. Belsley, Peoria, Ill., 1st and 2d cock, 2d and 3d hen, 2d and 3d cockerel, 2d and 3d pullet. Herman F. Rikhoff, Indianapolis, Ind., 3d cock, 1st hen, 1st cockerel, 1st pullet, 1st pen. Practical Poultry Farm, Charleston, Ill., 2d pen. L. H. Jostes & Son, Macon, Ill., 3d pen.

Rose Comb Brown Leghorn.—Smiley & Burnside, Milligan, Ind., 1st and 2d cock, 1st and 2d cockerel, 3d pullet, 3d pen. W. O. Chase, Hillsboro, Ill., 3d cock, 1st, 2d and 3d hen, 3d cockerel, 1st pullet, 1st and 2d pen. Mahaney Bros., Winterrowd, Ill., 2d pullet.

Single Comb White Leghorn.—Clarence J. Root, Springfield, Ill., 1st and 2d cock. Geo. D. Coon, Springfield, Ill., 3d cock, 1st and 2d pullet. White Leghorn Poultry Farm, Pekin, Ill., 1st hen, 3d cockerel. O. C. Van Doren, Loami, Ill., 3d hen. B. F. Thomas, Lincoln, Ill., 1st and 2d cockerel, 1st pen. W. C. Reid, Harvard, Ill., 3d pullet. Mahaney Bros., Winterrowd,

Ill., 2d pen. Allen J. Coe, Springfield, Ill., 3d pen.

Rose Comb White Leghorn.—Edward L. Beach, Lincoln, Ill., 1st cock, 1st and 3d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet. J. J. Peters, Lincoln, Ill., 2d cock, 2d hen, 3d cockerel. Aiman & Co., Sadorus, Ill., 1st pen.

Single Comb Buff Leghorn.—Aiman & Co., Sadorus, Ill., 1st cock, 3d hen, 2d and 3d cockerel. Smiley & Burnside, Milligan, Ind., 1st and 2d hen. W. L. Hutcheson, Decatur, Ill., 1st cockerel, 1st, 2d and 3d pullet.

Rose Comb Buff Leghorn.—Mahaney Bros., Winterrowd, Ill., 1st cockerel, 1st pullet. Smiley & Burnside, Milligan, Ind., 2d cockerel, 2d pullet.

Single Comb Black Leghorn.—H. C. Hunt, Delavan, Ill., 2d cock, 3d hen, 3d pullet. Mahaney Bros., Winterrowd, Ill., 1st and 2d hen, 1st and 2d cockerel, 1st and 2d pullet, 1st pen.

Single Comb Black Minorca.—E. E. Wilson, Indianapolis, Ind., 1st cock, 1st and 2d hen, 2d cockerel, 1st, 2d and 3d pullet. W. O. Chase, Hillsboro, Ill., 2d cock, 3d hen, 1st and 3d pen. Mahaney Bros., Winterrowd, Ill., 3d cock, 2d pen. Henry Heidemann, Brighton, Ill., 1st and 3d cockerel.

Rose Comb Black Minorca.—J. S. Bales, Springfield, Ill., 1st and 2d cock, 1st and 2d cockerel, 1st and 2d pullet, 3d pen. W. O. Chase, Hillsboro, Ill., 1st, 2d and 3d hen, 1st and 2d pen. Harry Foreman, Springfield, Ill., 3d cockerel, 3d pullet.

Single Comb White Minorca.—Smiley & Burnside, Milligan, Ind., 1st and 3d cock, 1st, 2d and 3d hen, 1st, 2d and 3d cockerel, 1st, 2d and 3d pullet, 1st, 2d and 3d pen. Mahaney Bros., Winterrowd, Ill., 2d cock.

Blue Andalusian.—Hartman Stock Farm, Columbus, Ohio, 1st cock, 1st hen, 1st and 2d cockerel, 1st and 2d pullet. Smiley & Burnside, Milligan, Ind., 2d and 3d cock, 2d and 3d hen, 3d cockerel, 3d pullet.

Black Spanish.—Smiley & Burnside, Milligan, Ind., 1st and 2d cock, 1st and 2d hen, 3d cockerel, 2d and 3d pullet, 1st, 2d and 3d pen. Aiman & Co., Sadorus, Ill., 3d cock, 3d hen, 1st and 2d cockerel, 1st pullet.

Mottled Ancona.—H. L. Reat, Charleston, Ill., 1st cock, 3d cockerel. Hartman Stock Farm, Columbus, Ohio, 2d cock, 1st

REASONS WHY MY FEEDER SAVES YOU MONEY

- 1st, Because it feeds, exercises and keeps your chickens healthy;
- 2nd, Because it increases the egg yield with less feed bill;
- 3rd, Because it saves time, labor, feed and scratching material;
- 4th, Because it feeds chicks, keeps them growing and healthy;
- 5th, Because it keeps hens from getting too fat, hence more eggs;
- 6th, Because it feeds all kinds of grain without being regulated;
- 7th, Because it keeps sparrows, rats and mice from getting your profits;
- 8th, Because it can be used either inside or outdoors, being rain proof.

GILBERT BROS. & WAKLEY, of Knoxville, Pa., write us:

The self-feeders which we bought of you are all that you claim them to be. Their practicability far exceeded our expectations, and we hope to use more of them later on.

MR. J. C. CLIPP, of Saltillo, Ind., wrote:

On March 15th, 1910, in part as follows: "I can see now that they are an improvement over the _____ feeder. My fowls have quit picking the feed from the _____, due to sore beaks. I enclose you letter from Mr. Brown, and trust you will be able to close with him. I have written him and advised him that the 'Conner feeder' was superior to anything on the market, at least that was my honest opinion, and which is my honest conviction today."

Prices

No. 1: Ft. 42 inches, Capacity 10 quarts	No. 2: Ft. 27 inches, Capacity 5 quarts	No. 3: Ft. 18 inches, Capacity 5 quarts
1 Feeder, \$2.50	1 Feeder, \$2.25	1 Feeder, \$2.00
2 Feeders, 4.50	2 Feeders, 4.25	2 Feeders, 3.75
3 " 6.25	3 " 6.00	3 " 5.50
4 " 8.00	4 " 7.75	4 " 7.25
5 " 9.75	5 " 9.25	5 " 8.50
6 " 11.25	6 " 10.50	6 " 9.25
12 " 22.00	12 " 20.00	12 " 18.00

One Set (one of each size) for \$6.00

This ad tells enough : To save time and correspondence, order at once : Satisfaction guaranteed

STATE AGENTS WANTED : : : W. M. Conner, Jersey City, N. J.



and 2d hen, 1st pullet, 1st pen. Smiley & Burnside, Milligan, Ind., 1st cockerel, 3d pullet. Aiman & Co., Sadorus, Ill., 2d cockerel, 2d pullet.

Houdan.—Mahaney Bros., Winterrowd, Ill., 1st and 2d cock, 1st and 3d hen, 1st cockerel, 1st pullet, 1st pen. Smiley & Burnside, Milligan, Ill., 3d cock. Sherman & Havens, Shelbyville, Ind., 2d hen. Hartman Stock Farm, Columbus, Ohio, 2d cockerel, 2d and 3d pullet, 2d pen.

Indian Game.—Smiley & Burnside, Milligan, Ind., 1st and 3d cock, 2d and 3d hen, 2d cockerel, 1st pullet. Aiman & Co., Sadorus, Ill., 2d cock, 1st hen. G. W. Schmidt, Gillespie, Ill., 1st cockerel. Hartman Stock Farm, Columbus, Ohio, 3d cockerel, 2d and 3d pullet.

White Crested Black Polish.—W. H. Snook, Pole, Ill., 1st cock, 1st hen, 2d and 3d cockerel, 1st and 3d pullet. Mahaney Bros., Winterrowd, Ill., 2d and 3d cock, 2d hen. Smiley & Burnside, Milligan, Ind., 3d hen. Mrs. Ada Gaschen, Elgin, Ill., 1st cockerel, 2d pullet.

Silver Bearded Polish.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st hen.

Golden Polish.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st and 2d hen.

Golden Spangled Hamburgs.—Mahaney Bros., Winterrowd, Ill., 1st cock.

Silver Spangled Hamburgs.—Mahaney Bros., Winterrowd, Ill., 1st cock, 1st and 2d hen, 1st cockerel, 1st and 2d pullet, 1st pen. Smiley & Burnside, Milligan, Ind., 2d and 3d cock, 3d hen, 3d cockerel, 3d pullet. Theo. D. Hoffman, Gillespie, Ill., 2d cockerel, 2d and 3d pen.

Black Polish.—Mahaney Bros., Winterrowd, Ill., 1st cock, 1st hen, 1st pullet. Smiley & Burnside, Milligan, Ind., 1st cockerel, 2d pullet.

Silver Gray Dorking.—Smiley & Burnside, Milligan, Ind., 1st, 2d and 3d cock, 1st and 2d hen, 1st, 2d and 3d cockerel, 1st and 2d pullet.

Redcap.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st hen.

Game Bantams.—Pair Black Breasted Red, cock and hen, Mrs. Ida Gaschen, Elgin, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d. Pair Brown Red, cock and hen, Mrs. Ida Gaschen, Elgin, Ill., 1st. Pair Golden Duckwing, cock and hen, Mrs. Ida Gaschen, Elgin, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d. Pair Silver Duckwing, cock and hen, Mrs. Ida Gaschen, Elgin, Ill., 1st. Smiley & Burn-

side, Milligan, Ind., 2d. Pair Birchen, cock and hen, Mrs. Ida Gaschen, Elgin, Ill., 1st. Pair Red Pyle, cock and hen, Mahaney Bros., Winterrowd, Ill., 1st. Mrs. Ida Gaschen, Elgin, Ill., 2d. Smiley & Burnside, Milligan, Ind., 3d.

Ornamental Bantams.—Pair Golden Seabright, cock and hen, Henry C. McCoy, Springfield, Ill., 1st and 3d. Mahaney Bros., Winterrowd, Ill., 2d. Pair Rose Comb Black, cock and hen, Smiley & Burnside, Milligan, Ind., 1st. Mahaney Bros., Winterrowd, Ill., 2d. Pair Buff Cochins, cock and hen, R. S. Rule, Petersburg, Ill., 1st. Vance & Gietl, Springfield, Ill., 2d. H. L. Reat, Charleston, Ill., 3d. Pair Partridge Cochins, cock and hen, C. W. Wylie, Mattoon, Ill., 1st and 2d. Pair Black Cochins, cock and hen, H. E. Taylor, Petersburg, Ill., 1st. R. S. Rule, Petersburg, Ill., 2d and 3d. Pair White Cochins, cock and hen, H. E. Taylor, Petersburg, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d. R. S. Rule, Petersburg, Ill., 3d. Pair Black-tailed Japanese, cock and hen, Clavin Ott, Prophetstown, Ill., 1st and 2d. Pair White Japanese, cock and hen, Dr. O. C. Colby, Hillsboro, Ill., 1st.

Bronze.—Sherman A. Havens, Shelbyville, Ind., 1st cock, 1st hen. Mahaney Bros., Winterrowd, Ill., 2d cock. J. S. Miles & Son, Petersburg, Ill., 3d cock, 3d cockerel, 3d pullet. Alexander Hamilton, Petersburg, Ill., 2d hen, 1st cockerel, 1st pullet. F. Gage Cutler, Carthage, Ill., 3d hen, 2d cockerel. Wm. Ringhouse, Havana, Ill., 2d pullet.

Narragansett.—Smiley & Burnside, Milligan, Ind., 1st and 2d cock, 1st, 2d and 3d hen, 1st and 2d cockerel, 1st and 3d pullet. J. A. Leland, Springfield, Ill., 2d pullet.

Buff.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st and 2d hen, 1st cockerel, 1st pullet. Mahaney Bros., Winterrowd, Ill., 2d cock, 3d hen. Sherman A. Havens, Shelbyville, Ind., 3d cock.

White Holland.—Sherman A. Havens, Shelbyville, Ind., 1st cock, 2d hen, 1st cockerel, 1st pullet. Smiley & Burnside, Milligan, Ind., 2d cock, 3d hen, 3d cockerel, 2d pullet. Mahaney Bros., Winterrowd, Ill., 3d cock, 1st hen, 2d cockerel, 3d pullet.

Black.—Smiley & Burnside, Milligan, Ind., 1st cock, 1st hen, 1st and 2d cockerel, 1st pullet.

Pearl Pekin.—Smiley & Burnside, Mil-

ligan, Ind., 1st. Edward Brown, Mendota, Ill., 2d and 3d.

Pair Rouen.—Mahaney Bros., Winterrowd, Ill., 1st and 3d. Smiley & Burnside, Milligan, Ind., 2d.

Pair Aylesburg.—Smiley & Burnside, Milligan, Ind., 1st, 2d, 3d.

Pair Cayuga.—S. D. Maudeville, Sidney, Ill., 1st, 2d and 3d.

Pair White Call.—Mahaney Bros., Winterrowd, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d.

Pair Gray Call.—Mahaney Bros., Winterrowd, Ill., 1st. E. M. Bailey, Albion, Ill., 2d. H. E. Taylor, Petersburg, Ill., 3d.

Pair White Crested.—Smiley & Burnside, Milligan, Ind., 1st, 2d and 3d.

Pair Colored Muscovy.—Mahaney Bros., Winterrowd, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d.

Pair White Muscovy.—Smiley & Burnside, Milligan, Ind., 1st and 3d. E. M. Bailey, Albion, Ill., 2d.

Pair Indian Runner.—Smiley & Burnside, Milligan, Ind., 1st. J. S. Bales, Springfield, Ill., 2d. Mrs. T. W. Eckles, Camp Point, Ill., 3d.

Pair Swedish Blue.—Mahaney Bros., Winterrowd, Ill., 1st.

Buff Orpington.—Mrs. W. B. Mitchell, Mt. Pulaski, Ill., 1st and 2d.

Pair Toulouse.—Mahaney Bros., Winterrowd, Ill., 1st and 2d. Sherman A. Havens, Shelbyville, Ill., 3d.

Pair Embden.—Mahaney Bros., Winterrowd, Ill., 1st. Sherman A. Havens, Shelbyville, Ill., 2d. J. W. Greenwood & Son, Springfield, Ill., 3d.

Pair African.—Smiley & Burnside, Milligan, Ind., 1st and 3d. Mahaney Bros., Winterrowd, Ill., 2d.

Pair Brown Chinese.—Mahaney Bros., Winterrowd, Ill., 1st. Smiley & Burnside, Milligan, Ind., 2d and 3d.

Pair White Chinese.—Smiley & Burnside, Milligan, Ind., 1st and 3d. Mahaney Bros., Winterrowd, Ill., 2d.

Pair Wild or Canadian.—Mahaney Bros., Winterrowd, Ill., 1st. E. M. Bailey, Albion, Ill., 2d.

Pair Peafowls.—Smiley & Burnside, Milligan, Ind., 1st and 2d.

Pair White Guinea.—Smiley & Burnside, Milligan, Ind., 1st. Mahaney Bros., Winterrowd, Ill., 2d.

Pair Guinea Other than White.—Smiley & Burnside, Milligan, Ind., 1st and 2d.

3-GREAT RECORDS-3

Indiana State Fair, Sept. 1910—Tennessee State Fair, Sept. 1910—Illinois State Fair, Oct. 1910



Our winnings were made in the three largest Fall Shows ever held in the United States, over 900 RHODE ISLAND REDS IN COMPETITION. We have again demonstrated that our birds are Superior to all others, by their consistent winnings.

Buschmann's Rose Comb Rhode Island Reds—Non-Fading Strain

Ind. State Fair, 1910.	Tenn. State Fair, 1910.	Ill. State Fair, 1910.
1, 2, 3 Cock	1, 2, 3, 4, 5 Cock	1, 2 Cock
1, 2, 3 Hen	1, 2, 3, 4, 5 Hen	1, 2, 3 Hen
1, 2, 3 Cockerel	1, 2, 3, 4, 5 Cockerel	1, 2 Cockerel
1, 2, 3 Pullet	1, 2, 3, 4, 5 Pullet	1, 2, 3 Pullet
1, 2 Pen	1, 2, 3, 4 Pen	1, 2, 3 Pen
Zike, Judge.	Southard, Judge.	Hale, Judge.

At the Tennessee State Fair, the South's largest Show, we won \$50.00 in Gold and \$50.00 Silver Cup for Best and Largest display of one breed, also Silver Cup for ten best pullets one breed, all breeds competing.

This, with our past records at America's largest shows, is convincing evidence that our Reds have no equal.

BIG MONEY IN RHODE ISLAND REDS.

If you want to make money in poultry, our fall sales list, which is free, will tell you how to do it.

WE HAVE OVER 2,500 COCKS, COCKERELS, HENS, PULLETS TO SELL.

Have you seen the Origin and History of Rhode Island Reds, also how to mate, judge and breed them? If not, send 20 cents in stamps to us and ours will be forwarded you.

C. L. BUSCHMANN : 4937 North Meridian Street, INDIANAPOLIS, INDIANA

OVERHEARD AT THE STATE FAIR.

Theo. Hewes, to his students: "Gentlemen, tell me which is the gander?"

Rev. Green says: "Once upon a time I bought a pen of Orpingtons for \$20, and for a long time after I had heard from my wife about the extravagance of spending \$20 for chickens. When I won first pen on my Orpingtons, and some one offered me \$250 for same, I asked her if I should sell them. She said, 'No; don't you do it.'"

The venders of hamburgers again did a thriving business; but, tell me honestly, how much of that state fair coffee did you lick up?

"Big lunches, little money—make them big while the boss is gone." "A whole hog for a nickel." These and other familiar cries, as well as odors, greeted the visitor the minute he entered the grounds.

Judging from the enormous quantity of hamburgers and wieners consumed, quite a few bow-wows must have departed for unknown regions.

THE ALLENTOWN FAIR.

About 4,500 entries, 3,500 head of poultry and 1,000 pigeons were on exhibition and many entries were refused for lack of space and coops. A large building is very much needed, as some of the chickens had to be triple decked and the pigeons were tiered up five coops

high. However, the room was nicely decorated, and everybody seemed well pleased and satisfied. The display of silver cups which was given at Allentown exceeded in grandeur that of any we ever saw given by any one show before, many of them being very large and massive and very valuable.

Mr. Wittman, the secretary, certainly knows how to run a show, and gets out the entries even at one dollar per head, which assures you that nothing but the very highest quality was to be found at the Allentown show, and a prize won here is equal to that of any of our winter exhibitions. The largest class in the show was White Orpingtons. The sensational bird was the White Orpington hen owned by the Sunswick Poultry Farm, So. Plainfield, N. J., "Lady of the Snows." This hen is one of the most perfect White Orpingtons that we have ever seen, being ideal Orpington type in every section and absolutely white in every section. She won not only first as hen and gold special for the best White Orpington hen, but also the gold special for the best hen in the show, all varieties competing. The winning of these prizes proves that the judgment of others coincides with ours, and she is really a wonderful hen.

The Grand Challenge Cup, offered on Black Orpingtons, was won by Sunswick Poultry Farm by their Black Orpington cock. This being the second time they have won this cup, it now remains their property.

The Sunswick Poultry Farm were also successful in winning a large share of the prizes in the three varieties of Or-

pingtons that they breed, namely: S. C. Buff, Black and White Orpingtons.

Russell Cave Poultry Yards, Lewis Lee Haggin, owner, Lexington, Ky., exhibited a very fine pen of White Orpingtons which attracted general admiration of the public and were deservedly winners of first pen.

Wm. Cook & Sons, Scotch Plains, N. J., were also prominent winners in the Orpington class, and carried off the handsome silver cup offered for Buff Orpingtons, which they have won for the second time, and now remains their property.

Wm. A. Smith, Metuchen, N. J., showed a few of the Minorcas, which won their share of the prizes, as usual. Mr. Smith informs us that he has a very large flock of young birds, which are maturing in fine shape.

A. J. Fell, Westpoint, Pa., showed a very fine string of White Wyandottes and captured a large share of the prizes.

Onlya Farm, Morristown, N. J., also showed White Wyandottes, also winning in this class.

John A. Miller, Nazareth, Pa., exhibited dark Cornish fowls, winning first and second cock, first and second hen, and fourth pullet. Also won the Fenstermacher cup for the best Cornish in the show. This cup now remains Mr. Miller's property, having been won in both 1909 and 1910. This was a very handsome cup, being valued at \$75.

Secretary S. T. Campbell was on hand securing new members for A. P. A., and the last report was that forty-six new members had been added to the list.

Orchard Poultry Farm

The largest farm in the East breeding all varieties of Poultry, Ducks, Geese, Bantams and pigeons. We won more first and second prizes than any other farm in America during 1910. A grand lot of show birds and breeders for sale now. All birds shipped on approval. Our Motto quality not quantity. See Allentown and Hagerstown show awards, more first and second prizes than any other exhibitor.

Orchard Poultry Farm, S. G. Hoke & Sons, Props., Desk H, Spring Forge, Pa.

800 White Plymouth Rocks

Absolutely the Best I Have Ever Raised

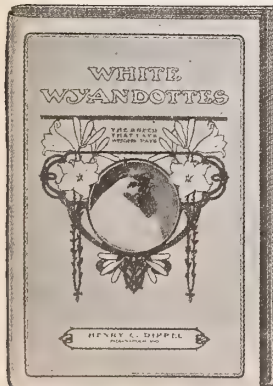
This is saying a whole lot when you consider my great record at the last three Chicago shows—1907-08-09—when I won the championship in succession in the face of strongest competition. My customers have also won many first prizes at the leading shows in the country. I have hundreds of testimonials to convince you.

Let Me Sell You a Winner

Write and describe your wants, and I will guarantee you *absolute satisfaction* or money back. My birds have that correct Standard type, are as white as the driven snow, and are big fellows. Send for catalog.

H. W. Halbach

Box A, Waterford, Wisconsin



White Wyandottes

OF THE BETTER KIND. They have won for me and my customers the highest honors at the leading shows. 1,000 **BIRDS FOR SALE** of correct Standard type, white as snow and good size. I guarantee absolute satisfaction. My handsome new 32-page catalog is just off the press. Send for it and let me convince you that I have the quality you are looking for. My prices are very reasonable, considering the high quality of goods I send out.

Henry C. Dippel

Box A, Indianapolis, Indiana

Montgomery Ward & Co.

Kansas City : Chicago

Headquarters for poultry supplies and everything else. Send for catalogue; mention this paper.

ORPINGTONS

Kellerstrass Strain—S. C. Whites. A few fine cockerels for sale.

J. B. Crist --- Golconda, Illinois

Allee's White Langshans

First prize winners at Chicago, 1908-9. Grand breeders and show birds for sale. Mention A. P. J.

Thaddeus E. Allee, 1325 E. 55th St., Chicago, Ill.

White Wyandottes

THE KIND YOU WANT—Young stock up to standard weight and pullets laying since July. Also plenty of old stock. Hens \$1 to \$5 each. My stock satisfies the customer. Write now for what you want.

H. L. Logue - Box 68, Neponset, Illinois

THE BEST REDS
IN AMERICA

are owned and bred by

Maltbie & Shelley, Geneva, O.
* Successors to Robert C. Tuttle ***White P. Rocks**

Exclusively. Prize winners scoring to 95. Eggs in season, \$3 per 15. Quality, not quantity, is my aim.

J. F. RAFFERTY, - CANTON, ILL.

Amatite Roofing

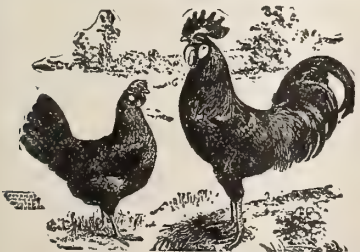
Mineral surface. Needs no paint. Send for FREE Sample.

BARRETT MFG. CO.

NEW YORK : : CHICAGO

BUFF ROCKS

The Golden Eagle Strain—Win again at the Michigan State Fair, Detroit, Mich. 1st cock, 1st cockerel, 2d and 3d pullet in strong competition. Exhibition and breeding stock for sale in old and young stock that have been bred from Detroit, New York and St. Louis winners. Write me your wants. I can please you.

Cadillac Poultry Farm : W. J. H. Goetz, Prop.
1150 Cadillac Avenue, Detroit, Michigan**S. C. Brown Leghorns**

First prize winners at all the leading shows including, Chicago, Cleveland, Buffalo, Pittsburgh, Toledo and Detroit. Prices reasonable. Satisfaction guaranteed.

FRANK SCHELLANG

R. D. No. 2, ERIE, PA.

LINE AND PEDIGREE BREEDING.

THERE seems to be quite a misunderstanding of the terms "line-breeding" and "in-breeding," many believing them to be one and the same thing. In the true meaning of the terms, however, they differ greatly. "Line-breeding" is the breeding in line of a certain family or strain of fowls, with or without the introduction of new blood, but always involving "in-breeding." In-breeding is the breeding together of birds related to each other, but may or may not be "line-breeding."

No breeder has ever accomplished much by continually introducing new blood, buying male birds every year or two to mate with his females. In this way both sexes are of different blood and therefore have different qualities and characteristics. Now as the most prized qualities of our thoroughbred fowls have only been produced in a very few years, compared with the bad or natural characteristics which belong to the fowl in its wild state, there is a decided tendency among fowls to revert back to the natural state when there is a crossing of breeds. The same is true in a less degree when crossing two strains of the same breed. In this crossing of strains the male and the female each have an equal influence upon the progeny. Provided that one is as pre-potent as the other. But in the case of crossing a line-bred male that is a pre-potent breeder with females of indifferent breeding the progeny may be nearly identical to the male, but they will be worthless for breeding. Without "in-breeding" very little good can be gotten from a fine male or female, as its progeny will be only one-half its blood, and its progeny's progeny will be one-fourth its blood, etc. In this way the good qualities of an individual are bred out of a strain.

In the case of "in-breeding," however, when the breeder obtains an extra fine specimen either by purchase or as the result of his own matings, he mates her to an unrelated or distantly related male bird strong in the sections wherein she is weak, and above all a bird of great vitality. From the resulting progeny we select a cockerel of perfect health and vigor, possessing, as far as possible, the good qualities of both ancestors, but above all strong in the points wherein the female is weak (as otherwise we would be concentrating and perpetuating the bad as well as the good qualities of the female) and mate him back to his dam. The resulting progeny will possess three-fourths the blood of the original female, who if again mated to one of her cockerels of three-fourths blood will produce progeny seven-eighths her blood.

If the original female was a pre-potent breeder and these matings were properly made, the progeny of the third mating (seven-eighths her blood) will be very pre-potent breeders of her good qualities, stronger breeders than herself and will also be quite an improvement upon her, her bad qualities having been eliminated to quite an extent by the selection of the cockerels. Of course, there are some birds of the best of breeding that are not pre-potent breeders or that do not, however mated, transmit their good qualities upon their progeny. One of the secrets, then, in breeding lies in finding the pre-potent breeders. This is one of the many things the Maine Experiment Station failed to consider when con-

No matter what cream separator you purchase now
SOONER OR LATER
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DE LAVAL

The more you come to know about cream separators the better you will understand the overwhelming superiority of the DE LAVAL.

THE DE LAVAL SEPARATOR CO.165-167 BROADWAY,
NEW YORK.42 E. MADISON ST.
CHICAGO.**Crown Bone Cutter**

Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa.

BEST MADE
Lowest
in Price

EAT ON'S
Peerless Dry Food Hopper
Perfection Mash Mixture

Hangs up. Takes up no floor space. Away from rats and mice. Saves Feed. Your dealer can furnish both. If not, write us.



R. D. Eaton Grain & Food Co. 60 E. Main St. Norwich, N.Y.

J-M
ASBESTOS ROOFING
FIRE PROOF

MADE of indestructible Asbestos (Rock) Fibre and Trinidad Lake Asphalt, the great weather-proofer, J-M Asbestos Ready roofing is literally a *pliable stone*. Fire, acids, gases, chemical fumes, heat or cold have no effect upon it. It is therefore practically indestructible.

And because of its stone nature, J-M Asbestos Roofing never needs painting or graveling. Its first cost is its only cost.

Asbestos being a non-conductor of heat and cold, this roofing keeps a building warm in winter and cool in summer, and is adapted for any building, anywhere.

Most hardware and lumber dealers sell J-M Asbestos Roofing. If your dealer doesn't keep it, write our nearest branch for Samples and Booklet E26.

H. W. JOHNS-MANVILLE CO.

Baltimore	Kansas City	Philadelphia
Boston	Los Angeles	Pittsburg
Buffalo	Minneapolis	San Francisco
Chicago	New York	Seattle
Cleveland	St. Louis	
Dallas		
Detroit		

For Canada:

THE CANADIAN H. W. JOHNS-MANVILLE CO., LIMITED

Toronto, Ont.	Winnipeg, Man.
Vancouver, B. C.	Montreal, Que.

ducting its experiment for increasing egg production by selection. They selected for breeders 200 egg hens and sons of 200 egg hens. They should have selected the producers of 200 egg hens, or hens whose pullets were better layers than themselves. They would then have built up a phenomenal laying strain.

Unless great care is taken in the selection of breeders the health and vitality of a strain may be quickly ruined by "in-breeding." If care is taken, however, in the selection of breeders, selecting birds of the best possible vigor and never mating together birds having the same weakness, the vigor of a strain may be increased for a time at least.

Constitutional vigor can only be discerned by an experienced eye. Many think that the best laying hens and the most active cockerels are the strongest birds in the flock. They may be the weakest. Of course, very weak hens will not produce many eggs. However, a hen constitutionally the weakest bird in the flock may be strong enough to be an excellent egg producer for a short time. The best way to discern constitutional vigor is by the form of the birds.

A vigorous bird has a large, broad skull, a short, stout beak, thick, well-arched neck, a long and broad back, breast well filled and wings carried up close to the body. The legs should be thick and not dwarfed as to length, and wide apart at the knee joints. Rich red eyes and red pigment showing down the sides of the legs is also a sign of vigor. However, the long-continued "in-breeding" of fowls in the same climate and under the same conditions will, it seems,

weaken their constitutions in time. For example, the Seabright Bantam is a very poor layer, and its eggs are mostly infertile in England, where it has been bred for hundreds of years. But when imported to this country it proves a good producer of fertile eggs in large numbers for a bantam. Much the same results in increased vigor can be obtained by sending a few chicks away to a distant climate to be reared and sent home when needed as by introducing new blood.

When new blood is thought necessary I would advise the purchase of a mated pair of birds, bred for the same purpose as your own flock. Add to this mating several of your own best females that will mate well with the male. By buying a female mated with the male you get a better ideal quality of the strain to start with and you can tell more about the male's breeding than where he is mated only to unrelated females. If the progeny of this mating proves satisfactory in every way you may then select some of the best birds of the progeny of the females of your own strain (which will be modified to one-half of new blood and one-half the blood of your own strain) and use them to introduce new blood into the whole flock. In this way you have a chance to learn what the new blood is like before introducing it into your own flock, and it is modified by the blood of your own strain so as to not tear down any of the work that you have accomplished on your own strain.

There is no doubt but what fowls or animals of any kind may be continuously in-bred without any decrease in constitutional vigor if it is rightly practiced, as it is the natural method.

The wild birds continuously in-breed, choosing mates of the closest relation, but the vigor of the species is kept up by migration and the law of "the survival of the fittest." The weaklings of the wild birds are being constantly destroyed by man, animals and birds of prey and by battles among males of the same species. They also live in the open air upon a great variety of food, for which they are compelled to work and balance their own rations.

Of course, "line breeding" cannot be properly practiced without the birds are pedigreed, which will involve either the use of the trap nests or the practice of pair mating. The eggs of each hen must be set separate and the resulting chicks toe-marked by punching holes in the webs of the feet with a poultry marker made for the purpose. A complete record should be kept of the breeding of all the birds and the results of each mating. The use of sealed bands numbered consecutively for marking mature fowls is to be recommended, as in this way there are no two fowls of the same number and the bands are an easy method of identification.

Charles A. Simmonds.

Camp Point, Ill.

Philip Koehlinger, 1414 East Grant avenue, Fort Wayne, Ind., writes that he has a flock of Columbian Wyandotte which are maturing fast and that he can supply some good stock, some that he feels sure will give his customers satisfaction. Better write to him; he will give you a square deal.

George B. Ferris, Grand Rapids, Mich., made the following winnings at the late Michigan State Fair, at Detroit: 1st and 2d cock, 1st hen; 1st and 2d cockerel; 1st and 2d pullet, 1st pen. This winning proves that Mr. Ferris breeds S. C. White Leghorns of quality.

PITTSFIELD

BARRED PLYMOUTH ROCKS



1st Cock, Boston, 1910
Like Father—Like Son

are the consummation of the highest ideals of a thoroughly satisfactory utility and exhibition bird. We have bred them to the highest point of egg production that is consistent with the proper maintenance of vigor and constitution. Their reproducing powers are unimpaired.

PITTSFIELD QUALITY: birds are raised and kept under the most approved sanitary conditions and are handled with the keenest attention to details. They are bred to withstand the most vigorous conditions of weather and climate; they are Maine bred. That is why owners of Pittsfield quality foundation stock are always successful.

We are prepared at all times to furnish anything in Barred Rocks. Show birds ready for the show room. Breeding Stock—Hatching Eggs—Day-Old Chicks. We guarantee every sale satisfactory. Write for full particulars—Illustrated catalogue free.

Exhibition birds that are bred according to Modern Ideas and that are layers of great ability.

Utility stock that is bred for laying without losing sight of the important factors color, barring, propagation.

Pittsfield Poultry Farm Co.

102 Main Street

Pittsfield, Maine

MR. EASTMAN REPLIES TO MR. ORR.

Editor American Poultry Journal.

Dear Sir: May I ask a little space for a few comments on Mr. D. Lincoln Orr's reply to Mr. Fenton in last month's issue of your journal? Mr. Orr is sore, he says, because no National Columbian Wyandotte Club specials were awarded at the New York show. He is sore because Mr. Keating, who did not win any firsts at that show, was voted a silver cup at the annual meeting of the club at Boston, while he, Mr. Orr, won two firsts and was not awarded any cup.

Mr. Orr has no kick coming because there were no club specials offered at the New York show last winter. I sent him notice, as I did to every club member, that "club ribbons would be sent to the state vice-president (Mr. Van Alstyne, for New York state), one set for every two members," and that they were to be offered at such shows as the majority of the members wished. That he failed to get the club ribbons offered at Madison Square Garden was as much his own fault as any one's, and was not the fault of the club management.

He has no kick coming because Mr. Keating was voted the display cup, for the reason that he, Mr. Orr, was at the club meeting at Madison Square Garden, December, 1908, when the club voted that hereafter all club display prizes should be awarded on points. As Mr. Keating won more points than any other exhibitor of Columbian Wyandottes, he was entitled to the display prize, and Mr. Orr, to be consistent, should be glad that the \$122 in the club's treasury was reduced by the pur-

chase of the cup, as he found great fault with the "management" for having so large an amount in the treasury. Mr. Orr is a man with too large a brain himself to think for an instant that it was to "soothe" any one that the club voted a cup to the winner of the "display" at the country's leading show. That argument is simply childish. There is an old saying that "the hit bird flutters." "You deserters" did hit Mr. Orr, and hit him hard. No wonder he objects to the phrase; but he must put the coat on, for it fits. I say it fits for the reason that if Mr. Orr had expended one-tenth of the time and money in trying to help his favorite variety through the club of which he was a member that he has expended in trying to tear the old club down, he would have had no occasion to try and start a new organization, and he would have earned the respect of all Columbian Wyandotte breeders.

Mr. Orr surely has no small opinion of himself. He says: "Say, Fenton, no one ever knew the old club was alive until I started the ball rolling." Mr. Editor, did you ever read anything richer than that? I might say that the old club, without one word or one cent from Mr. Orr, in some way, or in some manner, managed to get out entries so that Columbian Wyandottes were the largest class at Boston, Providence, R. I., and Portland, Me., and that at Boston all but six birds were owned by club members. He says, "No one ever knew the old club was alive until I started the ball rolling." He says so, and of course it must be so.

Mr. Orr, in his quest for members for his new association, has said that some of the officers of the old club were with

him, and now he names them as Mr. Cleveland, Mr. Parrish and Mr. Campbell. I doubt very much if either of these gentlemen will thank him for using their names. Mr. Cleveland was the one of the executive committee last year who worked the hardest of any for the club, and in our club catalogue he received due credit for it. If any one will read "Can We Do It?" by Mr. Parrish, in the same catalogue, I think he will find it hard to believe that he has deliberately deserted the club that has honored him. I, for one, will not. As for Mr. Campbell, I think the poultry breeders of this country have a higher opinion of him than that, and until I know to the contrary I shall give him credit for better things.

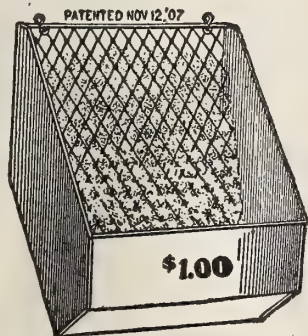
Mr. Orr says he has been after Mr. Fenton to join his association, but he would not. So has he been after me, not once, but several times. What does he want of me in his association? He has kicked the management of the old club, said it was dead, etc., and made that his excuse for starting a new one, yet he is after the executive head of the club he is trying to tear down. Does he want to kill his own association before it is born? What does he want, anyway? Does he know what he wants himself?

Very truly yours,

George F. Eastman, Sec'y,
National Columbian Wyandotte Club.
Granby, Mass.

The big sixteenth annual exhibition of the Western Poultry Fanciers' Association (Inc.) will be held at Cedar Rapids, Ia., December 26 to 31. The judges are to be W. S. Russell and U. J. Shanklin.—E. D. Monilaw, Sec'y, Cedar Rapids, Ia.

IMPORTANT ANNOUNCEMENT



The Hopper That Made Dry Feeding A Success.

Made in four sizes—Prices as follows:

Large Dry Feed, \$1.00; (shown in illustration); 17 in. high, 8 in. deep, 13 in. wide. Holds one-half bushel.

Beef Scrap, Grit, etc., 90c; 17 in. high, 8 in. deep, 7 in. wide. Holds one peck.

Small Chicken Size, \$1.00; 15 in. long, 8 in. high, 4½ in. deep. Holds one-half peck.

Large Chicken Size, \$1.90; 29 in. long, 8 in. high, 4½ in. deep. Holds one peck.

Send for Free Booklet on dry feeding, with many favorable reports from leading successful poultrymen.

HOPPERS ARE FOR SALE AT RETAIL AT OUR BRANCH HOUSES; ALSO AT FACTORY, BUFFALO, N. Y.

CYPHERS INCUBATOR COMPANY

316-334 Court Street, Buffalo, N. Y.
340-344 North Clark Street, Chicago, Ill.

12-14 Canal Street, Boston, Mass.
317-319 South West Boulevard, Kansas City, Mo.

23 Barclay Street, New York City, N. Y.
1569-1571 Broadway, Oakland, Cal.

BUSINESS AND GOOD WILL OF THE BOSTON DRY FOOD HOPPER COMPANY TAKEN OVER BY THE CYPHERS INCUBATOR COMPANY

To The Public: It gives me pleasure to announce to the public that on October 1st, 1910, the entire business of the Boston Dry Food Hopper Company, together with all rights to manufacture and sell this article in the United States, was sold and transferred to the Cyphers Incubator Company, who will conduct the manufacture and sale of this Hopper in the future along the lines already established.

CYPHERS INCUBATOR COMPANY is so well known to the public as manufacturers of standard and up-to-date Incubators, Brooders and Poultry Supplies that no introduction is necessary.

The sale of the Boston Hopper will be continued through the medium of local dealers and all prospective buyers of this article who are unable to purchase the Boston Dry Food Hopper from their local dealers are hereby requested to send the Cyphers Incubator Company (at its nearest branch house) the address of the local dealer who would, perhaps, be interested in handling this article.

Respectfully,

Boston, Mass., October 3, 1910.

BOSTON DRY FOOD HOPPER CO.

F. W. RUGGLES, Manager.

To The Trade: We shall continue to distribute the Boston Dry Food Hoppers through the medium of local merchants. Prospective buyers, who are not able to obtain Boston Hoppers from their local dealers should write us for the address of the nearest merchant handling these Hoppers—sending us at the same time the names of local dealers who do not now carry these goods in stock. Please address our nearest place of business.

QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question.—(1) What is the Maine Experimental College ration for laying hens as mentioned in the article on "Feeding for Egg Production" in the A. P. J. for September? (2) What is the best kind of fowl for raising for broilers? T. M. C.

Meaford, Ont.

Answer.—(1) Write to the State Agricultural College, Orono, Me., for feed bulletin. (2) Any of the American varieties, such as Rocks, Wyandottes and Reds.

Question.—(1) If a White Leghorn cockerel be crossed with a black Minorca hen what will be the color? (2) How did the White Minorcas originate? Madison, Tenn. A. J.

Answer.—(1) Black and white. (2) The origin of White Minorcas is in dispute. Some claim that they are a "sport" of the Blacks, while others maintain that they were produced by a cross of White Leghorn and White Game.

Question.—For the first time, this year my chickens have been troubled with the little "stick fast" fleas. Combs, gills, or wattles, and faces of chickens of all sizes and ages are literally covered with those fleas. There are hundreds of them on one chicken, fastened tight, and so close and solidly together that you cannot tell but that the parts are covered with a solid coating. What do you know about them? Can you give me a remedy that will enable me to kill them out and get rid of them? They do not seem to attack the bodies of chickens, only attach themselves to combs, wattles, around eyes and on head, etc. They are worse than mites, or lice, and kill small chickens. Tyler, Tex. J. D. B.

Answer.—Will some of our readers who have had experience in fighting these pests please answer above?

Question.—(1) How long does it take hens to molt if properly looked after? (2) What kind of feed is the best for molting fowls? (3) In what way can green alfalfa clover be used for poultry? (4) How high should a poultry fence be to keep in Single-Comb Leghorns? (5) How many White Leghorns can be kept on one-half acre? (6) I got a laying strain of White Leghorns from a reliable dealer, would I need to get one or more male birds for breeding from another strain, or would I keep males of my own strain? J. C. Milverton, Ont.

Answer.—(1) About six weeks. (2) Corn, wheat and oats, together with a feed of sunflower seeds, three or four times per week. (3) This may be cut up fine or ground and fed in the mash as a green food. (4) At least six feet. (5) Four to six hundred, depending on care given them. (6) Procure males of the same strain for the first year or two, after that you can no doubt produce males from your own flock that you can use to line breed.

Question.—(1) Will you kindly answer through your Questions and Answers columns a cure for leg weakness, and causes? (2) Should a thoroughbred Black Minorca cockerel have yellow feathers on neck and back? W. O. C. Indianapolis, Ind.

Answer.—(1) Leg weakness is produced from various causes. It is a form of rheumatism, and may be cured by using common baking soda in the drinking water, a tablespoonful to each quart. Plenty of green food should also be given; also plenty of exercise. (2)

No. This is evidently the result of some foreign blood being introduced into the flock.

Question.—I had one R. I. Red chick 7 weeks old suddenly get sick and die. Its bill turned dark and I found green spots on its legs. When I cut it open its crop was empty, but it seemed to be perfectly healthy. I have four others of the same age and kind that are sick and have the same symptoms, but their crops are full and they have high fever. I have been giving them sweet oil and put salts in their drinking water. They have large grassy runs and I feed dry bran and common chick feed, with plenty of grit. E. E. G. Jacksonville, Fla.

Answer.—Change their food and give them more green food. Also give a tablespoonful of common baking soda to each quart of drinking water.

Question.—(1) On the poultry plants where colony houses are used (about 6x6 feet), are the young ones raised in them until maturity, or how is this usually managed? (2) How far apart is it necessary to build small colony houses for chicks, so as to keep them from mixing or using the wrong house? (3) Is there any hope of a cure of a pullet that is very shaky, or rather seems drunk, but has a very good appetite and is not sick? Also please state cause, if possible. (4) Should one man be able to properly care for 700 layers and at the same time raise enough young ones so as to get one-half that number of pullets? (5) In the summer time will poultry use a dust bath inside the house? I would think they would prefer the ground for their natural bath. Which is best material for dust bath? (6) What is best to exterminate lice (large head lice) after lice powder fails? (7) After a new feather has been plucked, how long until a new one grows in its place? R. B. F. Homestead, Pa.

Answer.—(1) The stock is usually kept in the colony houses until put into winter quarters in the fall. (2) This all depends upon the amount of ground that is devoted to the colony system.

Protect your Chicks

It may be easy to hatch the chicks, but the real problem is to raise them.

When you have bought a lot of good eggs, and watched them in the incubator day after day for three long weeks, would it not be foolish to put the innocent little chicks in a brooder with a faulty burner? It certainly would not be "good business judgment" to do that when a high-grade, dependable Burner may be had for a nominal sum.

For over 50 years we have been making Lamps, Burners, etc., paying particular attention to the incubator and brooder line. We are safe in stating that we are today supplying about all of the large and important manufacturers of hatching and brooding apparatus.

MILLER BURNERS ARE THE BEST

and are recognized as such by concerns who put quality into their goods. When you buy an incubator or a brooder that has the MILLER BURNERS you have made no mistake. You have undoubtedly selected machines that will bring the greatest possible returns.

Don't throw that old Brooder away. A new burner and chimney will help to make it again useful.

The MILLER BROODER BURNER AND CHIMNEY shown here may be had from most incubator manufacturers, poultry supply houses, seedsmen, etc. For convenience of those in remote places we offer to send the Burner, Wick and Chimney, postpaid, on receipt of \$1.00. Of course, our goods are fully warranted. Order to-day. Prompt shipment.

EDWARD MILLER & CO., 12 Center St., Meriden, Conn.



3/4
ACTUAL
SIZE
\$1.00
POSTPAID

The houses should be at least 200 feet apart. (3) This is a nervous trouble, and would not advise doctoring. (4) Yes. (5) In the summer time the dust bath should be arranged under a shed in easy access to the fowls. Common road dust makes a good dust bath. (6) Lard and kerosene oil. A tablespoonful of oil to half a teacupful of lard. (7) At this season of the year six weeks to two months.

I think that J. H. B. can raise Light Brahmas successfully in Louisiana. I raise them, and have had no trouble so far. I think them as healthy as any of the American breeds and every bit as good layers, in fact better.

Grace Marchall.

New Orleans, La.

Question.—Would be pleased for information through your paper that would enable me to remedy the cause for what is the matter with my poultry. They seem to have some bone trouble. Several seem weak in the legs; one was so much so that it used its wings to assist in walking, especially when pursued, and on killing I find the joint of the leg, sometimes the knee and other times the thigh, to be in a red rough state instead of having the smooth gristle that it should have, and this red rough state occurred in the breast bone of one or two. Now these have been raised on a lot about 40x50, with plenty of mixed scratch feed, also fed bran, beef scraps and linseed meal in hopper, oyster shell and grit also, and feed plenty of oats and some sprouted oats; besides, they have the lawn to run on for several hours every day.

Cleveland, O.

F. M. C.

Answer.—Rheumatism, caused by the fowls becoming too fat, being fed on too concentrated a food or from being confined in poorly-ventilated quarters. Begin treatment by giving a dose of epsom salts, 20 to 30 grains, after which give them common baking soda in their drinking water, a tablespoonful to each quart of water. Apply carbolic ointment to the affected joints, rubbing it in thoroughly.

Question.—(1) Have built an open-front poultry house 16x12 and have 10-ounce duck in openings, which are 14x4 feet. Will enough air pass through duck to supply good ventilation? The duck seems to be woven too closely. Would cheesecloth be better? I have wooden windows to close in very stormy weather. (2) Have some very fine Barred Plymouth Rock pullets and cockerels which I hatched from eggs bought from a good reliable dealer. Will it be good policy to mate one of the cockerels with the pullets? (3) Have a pullet whose comb looks dry and withered, more of a brownish color, seems as if there is no life in it. She is very active, eats well and apparently is in first-class health. Will I keep her with the flock or separate her, and what treatment, if any? What is the trouble with it? (4) Have a Rose-Comb Barred Rock hatched April 4 and started laying at 4 months and 10 days old. The second egg was double yolked. She has been laying nearly every day since, occasionally skipping a day. Is that unusual? Would she be good to breed from? (5) Have a 1½-year-old Barred Rock cock. Don't know very much about him, as for points. He is very active, good comb, and legs well

set apart and has good crow. Would you advise using him in breeding pen? Detroit, Mich.

H. A. C.

Answer.—(1) We prefer unbleached muslin; cheesecloth is too light. (2) You should procure a yearling cock to mate with these pullets. (3) This comb will probably develop as she gets into laying condition. Rub a little vaseline on it a few times. (4) This is not unusual, and unless she is fully matured in every way would not make a good breeder. (5) Consult your American Standard of Perfection, and if this bird is up to Standard requirements he will be all right as a breeder.

Question.—(1) Am making a dry mash consisting of bran, cornmeal, middlings, gluten and linseed meal. I do not understand just what gluten is and where to buy it. (2) Is there anything that can be substituted for gluten? If so, what is it? (3) In keeping this mash before the fowls at all times, is there any danger of old hens becoming too fat (White Orpingtons)? R. A. N.

Falls City, Neb.

Answer.—(1) Gluten meal can be obtained from any poultry supply house or Blatchfords Calf Meal Factory, Waukegan, Wis. (2) Alfalfa or clover meal. (3) Occasionally there may be an old hen that will become too fat, but those that are good layers and active will not.

Question.—(1) How large should a house be for fifty White Leghorns, and also the scratching shed; also the wire run? (2) How old should the pullets be before the eggs are used for hatching, and how old should the cockerel be before the eggs are fertile? J. H. W.

Stone Mountain, Ga.



Two Bags Poultry Feed for the Price of One

One 25c bag Purina Chicken Chowder } 25c
One 25c bag Purina Scratch Feed }

(A Trial Offer only. Not more than two bags to a person)
(Offer limited to people living east of the Rockies.)

Col. Purina's Offer.

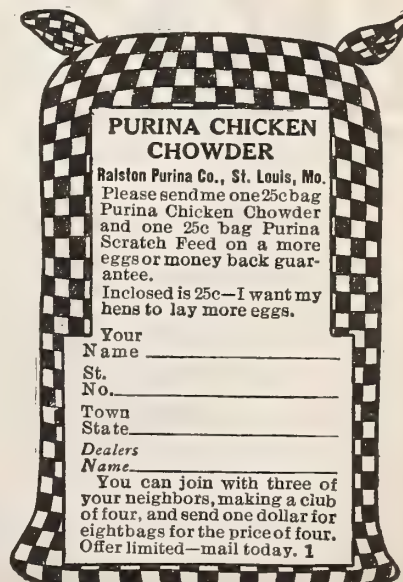
I want *you* to thoroughly test Purina Chicken Chowder, a perfect mash for laying hens. It is the natural egg producing feed, containing just the ingredients that are found in an egg. It's clean and pure and is properly proportioned for producing the most eggs. When used in connection with Purina Scratch Feed, it will produce more eggs than any other feed in the world and I can prove it to *you* with *your* hens.

I guarantee to increase your eggs or return your money

That's a bold statement and I couldn't make it if I didn't have the best feed in the country—the feed that will make *your* hens lay more eggs.

Wrap a quarter in a piece of paper (or send stamps) and mail it to us today, with your dealer's name, and I will ship, through your dealer, two 25c bags of Purina Poultry Feed, freight prepaid. If you fail to get more eggs, the feed will not cost you a penny. You have nothing to lose and every-thing to gain. The offer is limited, so mail the coupon today.

Col. Purina % Ralston Purina Mills, St. Louis, Mo.



GREYSTONE WHITE ROCKS

win by a mile at Madison Square Garden. At five shows, 1905-1910, won 12 out of 25 firsts, (more than double nearest competitor.) 3 out of 5 best display, 3 out of 5 best cock, hen, cockerel, pullet and pen, 5 out of 8 Champions, (5 times as many as any other exhibitor,) 5 out of 8 shape specials. Winners for any show at moderate prices.

Greystone Poultry Farm, F. H. Davey, Mgr., Yonkers, N. Y.

Silver Laced Wyandottes

At the great Illinois State Fair poultry show my birds won 3d cock, 1st, 2d, 3d, hens, 1st cockerel, 1st, 2d, pullet, in a very strong class. Have some very choice yearling and young stock in breeders and show birds, now ready to ship. I guarantee satisfaction.

August W. Schroeder

Chestnut, Illinois

200Lbs. of PEERLESS POULTRY GRIT SENT TO YOU FREIGHT PREPAID for \$1.95

Do you want to increase your egg crop this Winter when prices are highest?

If so, you should commence now to feed Peerless Poultry Grit—the great egg producer. One of the great secrets of poultry health is plenty of good, sharp, insoluble grit. Beware of the so-called grit that is not sharp. You want grit that grinds—Peerless Grit.

The wise poultryman pays particular attention to the quality of the feed and grit for his flock. Experience and profit have taught that the best is always the cheapest in the end. When you order Peerless Poultry Grit you get fresh grit direct from the mine. We mine and crush every day, and ship orders as fast as received. You get grit that is fresh, clean and pure.

PEERLESS POULTRY GRIT

is composed of Quartz and Feldspar—the two hardest and sharpest of rock-forming minerals—insoluble in acid and harder than steel—the ideal minerals for grit. If you expect your fowls to be vigorous and strong, and great egg-producers, and thus money-makers, you must feed properly and supply this grit. Start now and reap the benefits of your wisdom. Your neighbors will wonder at your success.

Send us your order to-day with \$1.95, and we will promptly ship 200 lbs of Peerless Poultry Grit, with all freight charges prepaid, if you live east of Missouri River and North of Ohio River. Freight allowance to places outside of this territory. Remember, we guarantee entire satisfaction.

Write for free sample and booklet, "A Few Condensed Facts Regarding Poultry Grit." You will learn something.

PEERLESS POULTRY GRIT CO.

924 BROADWAY, ALBANY, N. Y.



"TYCOS" the Mark of Quality

When you buy your Incubator or Brooder see to it that it is equipped with the "Tyco's" Thermometer. The best machine is no better than the poorest if the thermometer is unreliable. Remember the wise old saying, "A chain is no stronger than its weakest link." The thermometer is the very heart of the incubator. Thermometers may look alike, but it is the "hidden qualities" in the "Tyco's" which are not seen, that count for

ACCURACY—STABILITY—PERMANENCY

The higher grade incubators are furnished with the "Tyco's" Thermometer to insure better hatches. Many manufacturers consider it better judgment to use only the highest quality equipment in their machines. You make no mistake in selecting the machine furnished with the "Tyco's" Thermometer—the Mark of Quality.

Don't risk good eggs, time, labor and money with unreliable equipment, when you can insure results by simply insisting on a "Tyco's" Incubator Thermometer. We have hundreds of letters from prominent poultrymen saying they always use the "Tyco's" because of greater results and increased profits.

When you use your old machine again try a "Tyco's" Thermometer. You will be surprised at its dependability.

"Tyco's" Incubator Thermometer, each 75c. "Tyco's" Brooder Thermometer, each 75c. "Tyco's" Certified Incubator Thermometer, each \$1.50. "Tyco's" Incubator Hygrometer, each \$1.50. Send for booklet, "Incubator Thermometer Facts Worth Knowing."

Taylor Instrument Companies ROCHESTER N. Y.
The "Tyco's" Fever Thermometer should be in every home.



Answer.—(1) 14x28; scratching shed same size. The wire run should be twice this size. (2) Eight to nine months.

Question.—(1) Will you kindly tell me in your next issue (November) what breed is considered the best for layers, and what breed of chickens do you consider the best for this climate of Jersey City, N. J. (2) Where can I get a book telling me all about chickens and how to care for them when sick, etc?

Jersey City, N. J. E. J. S.

Answer.—(1) We never say in this department which breed is the best layers. Some claim one variety and some another. They are all good layers if given proper care. Any one of the standard varieties will do well in your locality. (2) We handle all kinds of poultry books. See list in this issue. Our poultry book, Diseases of Poultry, will give you full information about all diseases of poultry. Price, 50c.

Question.—Please answer in your next issue if packing hay in glass boxes is suitable for scratching litter.

Covington, Ky. A. F. R.

Answer.—Hay does not make very good scratching material. Oat straw is better.

Question.—(1) I have a fine Leghorn hen that has gone blind in one eye; otherwise she seems all right. Will this injure her as a breeder? (2) To whom should I apply for entry blanks? I desire to show poultry at Smithfield, W. Va. (3) How large a space is needed to fatten a Leghorn cockerel for show purposes? (4) How many chickens can I successfully keep in a building 10x12 feet? (5) Are Leghorns good free rangers as they are when penned? (6) Give a slight description of a good Leghorn cockerel as to points on comb, color of legs, weight, shape, and shape and carriage of tail.

B. G. S. Brown, W. Va.

Answer.—(1) No. (2) To the secretary of the Smithfield Poultry Association. (3) A coop about three feet square. (4) Twenty-five. (5) Yes. (6) See some of the photos in this issue, which is better than we can describe them, except as to color of legs, which should be yellow. Five points on comb.

Question.—How many pullets can be profitably wintered in an 8x11-foot house, dropping boards under their roost? They have an 18x24-foot barn for a scratching shed, with the run of a large garden in addition to their park on pleasant days. My birds are White Rocks.

H. C. B. Liberty Center, O.

Answer.—Where there is a scratching shed in connection from 40 to 50 fowls may be kept in a house this size.

Question.—Will you please state in the next issue of your journal what is meant by the terms cockerel mating, pullet mating, cockerel-bred females, and the difference in offspring of these matings?

C. N. Milwaukee, Wis.

Answer.—Space in this department will not permit us to go into a detailed explanation. These two matings are necessary only in some varieties, such as Barred Plymouth Rocks and Brown Leghorns. The breeders of these varieties make two matings, one to produce exhibition females and the other to produce exhibition males. These are designated as cockerel and pullet mat-

ings. These matings are fully explained from time to time in these columns.

Question.—(1) What are the proper quantities of food, soft feed in morning and grain at night, for about 30 chickens? (2) Do you approve of feeding with a hopper? Can they be made at home, if so can you give directions for making one?
F. T. L.

Chatham, N. J.
Answer.—(1) About six quarts. (2) Yes. You can buy them cheaper than you can make them.

Question.—(1) Do White China geese have knots on their head at 2½ months old? (2) Are they pure blood unless they have? (3) How many eggs will a White China goose hen lay in a season?
New Boston, Ill. W. E. D.
Answer.—(1) Yes. (2) Yes. (3) From 20 to 30.

Question.—My young chickens 3 or 4 weeks old and a few half grown choke to death; the windpipe is closed at the opening with a white substance. Eyes and head are all right; comb seems to be purple before they die. Can you tell me the trouble?
H. N. S.

North Fort Worth, Tex.
Answer.—This is evidently diphtheric roup. Procure some one of the various cures advertised in these columns and give as directed.

Question.—(1) Will you please inform me in your next issue what was the matter with my R. I. Red hen? She was 1 year old last May and was a good layer, only about once a week she would lay an egg about the size of a walnut; always ate good and was ap-

parently well until last evening she refused to eat her supper and this morning was found in the nest dead. I performed a post-mortem, but found nothing wrong, except a little bladder-shaped sack holding about half a tea-cupful of water, and not an egg of any kind, although I know she laid an egg only two days ago. I feed wheat twice daily and corn once. Oyster shells and wheat bran before them at all times?
(2) Will beef scraps take the place of green bone?
A. M.

Iron Belt, Wis.
Answer.—(1) We are unable to answer. (2) To a certain extent.

Question.—(1) Is the following a good mixture: Wheat, cracked corn, sunflower seed, caneseed, Kaffir corn, and buckwheat? (2) Is buckwheat valuable as egg-producing feed? (3) What is an absolute cure for roup when it first appears among chickens.
Odin, Ill. Mrs. W. B.

Answer.—(1) Wheat, 2 bushels; corn, 1 bushel; sunflower seed, 1 peck; Kaffir corn, 1 peck; buckwheat, ½ bushel; caneseed, 2 quarts. Mixed in this proportion makes a good scratch feed. (2) Yes. (3) There is no absolute cure for any disease, but there are a number of good remedies advertised in these columns that will cure most all cases, but we cannot recommend one above another.

Question.—(1) Would you kindly let me know the probable cost of raising 500 turkeys and have them ready for market in November and December? (2) Which are most difficult to raise, turkeys or chickens? (3) How much land would be required where turkeys

are fenced in? (4) Where can I get a good book on the care and management of turkeys?
H. J. M.

Schenectady, N. Y.
Answer.—(1) If on free range, about 50c each; if limited range only, about \$1 each. (2) Turkeys. (3) Turkeys will not do well in confinement, and we cannot say how much land is required. (4) We can supply you. Price, 50c.

Question.—(1) Has there ever been instances of eggs hatching the eighteenth or nineteenth day? (2) What is good to put on a sore? I have had a rooster fighting and he has two very sore feet.
H. H.

Van Buren, Ark.
Answer.—(1) Yes. (2) Carbolic ointment or any ointment that you would use on a cut or sore on your person.

Question.—Is there such a name as Ashlbury ducks? If so, what are the characteristics of that breed of ducks, or to make it more plain, what are the color and markings of such ducks?
Burlington, Wis. Mrs. W. E. L.

Answer.—There is what is known as the Aylesbury duck. They are pure white in color, with orange shanks and feet. They are natives of England.

Question.—Please inform me how to prepare chickens to ship about 1,000 miles. What kind of coops, also feed, and should they be watered?
Level, Ky. T. C.

Answer.—Use any one of the shipping coops now being made and advertised for this purpose. A tin cup should be fastened on the inside for water, and instruction on outside to express agents to feed and water.

POLEY'S WORLD'S BEST BUFF ROCKS

POLEY'S WORLD'S BEST BUFF ROCKS

POLEY'S WORLD'S BEST BUFF ROCKS



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We have erected at LINFIELD, PA., a handsomely equipped and up-to-date poultry plant which from now on will be the home of this famous breed.

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We are now able to offer to you the finest line of BUFF PLYMOUTH ROCKS in the country.

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Nine out of a possible fifteen firsts at New York in the last three years; nine out of a possible ten firsts at Allentown in the last two years; five firsts at one show at Philadelphia; and five firsts at the club meeting at Indianapolis; is a record which speaks for itself.

Now is the Time to Purchase Stock

Over fifteen hundred selected breeders and an unusual number of superior cockerels and cock birds from which to choose. If you are going to show this fall and desire birds THAT WILL WIN or if you need birds for breeding purposes, you will find it greatly to your advantage to either write or visit us before purchasing. Satisfaction guaranteed or money refunded.

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The Linfield Poultry Farm, Linfield, Montgomery Co., Pa.

POLEY'S WORLD'S BEST BUFF ROCKS

Fasten a small sack of feed on outside of coop.

Question.—Please state in your Questions and Answers department why breeders seldom say anything about Partridge Wyandottes. Are they a standard fowl? If they were bred to a white male would they produce white chickens? O. D.

Answer.—Partridge Wyandottes were admitted to the Standard in 1891. They

Florida poultry papers, if so will you give their address? (4) What are the worst troubles of poultry-raising in Florida? Mrs. J. M. T.

Answer.—(1) It is so considered. (2) We believe they would. (3) Not that we know of. (4) Fleas and lice.

Question.—I had ten young turkeys and they got what everybody say is the black head, but it is not. They

WHY I BREED ORPINGTONS.

They lay more eggs per year than any other breed. One of my pullets laid 260 eggs per year. You ask how to get eggs in winter. The answer—get White Orpingtons. In a government laying contest, held in Australia, they won first place, the pen averaging 252 eggs per bird during the year. Their eggs are very fertile. They are the best of mothers. They are very fond of a nest full of eggs; become broody in time to hatch the early chicks and are easily broken up from sitting, when they quickly resume laying. The chicks hatch out strong and are easily raised. One breeder has one hen that produced 300 chicks in a year (from the eggs laid by herself and her pullets). Three hundred descendants from one lone hen in twelve months. They mature quickly. White Orpington pullets have been known to lay when only three and one-half months old. They make broilers a month earlier than some other breeds. Their meat is juicy and of excellent flavor.

Last, but not least, there is money in them. The demand greatly exceeds the supply. You can get a good price for all the eggs and stock you have for sale. One breeder sold a pen of White Orpingtons—five birds—for \$7,500, and another pen of five birds for \$1,250. The same breeder sold several sittings of eggs at \$150 per 15 eggs, or \$10 for each egg. This is more than was ever paid for stock or eggs of any other breed. This season I had over 100 orders—at a good price per sitting—that I could not fill. I do not know of any breeder of Crystal White Orpingtons in California who was near able to supply the demand for eggs or stock.

Pasadena, Cal. S. Gaseoigne.



Portable henneries as manufactured by Nieman Bros. Mfg. Co., Mt. Olive, Ill.

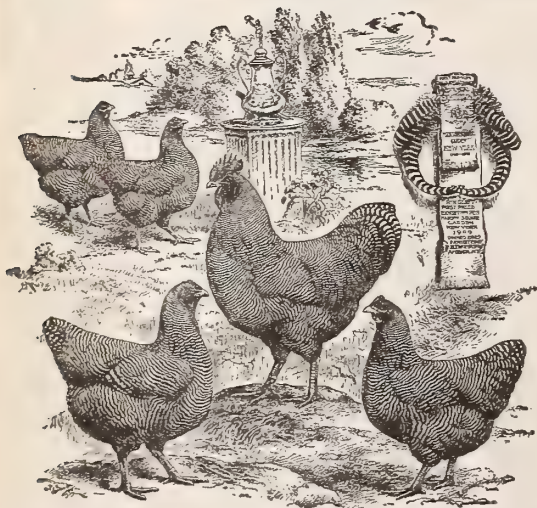
are bred very extensively at the present time. They would not produce pure white chickens if bred to a white male.

Question.—(1) Is South Tampa, Fla., a good poultry country? (2) Would Indian Runner ducks be profitable there, and if not, why? (3) Are there any

have tape worms. I saw what they passed and one by one they died. Now will you be kind enough to ask in your paper what is good for worms in turkeys? M. F.

Answer.—Will some of our friends who breed turkeys please answer?

Fashion's Proudest Birds ARE "RINGLETS"



"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

E. B. Thompson's Barred Plymouth Rocks are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which has made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse—it is the most remarkable in the annals of poultry shows.

**The "Ringlets" are always imitated,
but never equaled**

I now have on my farm the largest and finest lot of superior exhibition and breeding birds—both male and female—I ever owned; they show that elegant blue color and bright, snappy, narrow "Ringlet" barring, that win under all judges and have made my Barred Rocks the leading silver cup and trophy winners at Madison Square Garden, New York, since 1887—nearly a quarter of a century. These birds will be the winners this fall and winter for the leading shows of America. Will mate breeders to produce winners if desired.

The enormous prestige of my "Ringlets," created by superlative quality, has made them the standard by which all other Barred Plymouth Rocks are judged

New richly illustrated 58-page catalogue mailed upon request; it is full of pictures of New York winners from life. You may have the product of my skill, reaped by 30 years' experience, at reasonable prices. Your wants will have my best and personal attention.

SEE MY AD ON
BACK COVER PAGE

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

MR. FENTON REPLIES TO MR. ORR.

Editor American Poultry Journal:

Dear Sir: I note with interest Mr. Orr's reply to my article. I am not anxious to carry on any more discussion in any way over club affairs, but as he has asked me for my opinion on the Keating Cup award, I will give it purely from his reply.

It seems that Mr. Orr is very sore over the awarding of a silver cup to Mr. Keating at last Madison Square show. He says that at a meeting two weeks after the show Mr. Cleveland made motion that cup be awarded to Mr. K. for winning most number of points. Now, my opinion is that if it was not right Mr. Cleveland would not have done it. I have enough faith in Mr. C. to know that he would do only what he thought right, and I also feel sure that motion would not have carried if it was not a fair one. The man for you to go after is the man who made the motion, the man who seconded it and the men who carried it. That is no argument at all against the club. If you are so sore as you say you are over the matter, why did you accept \$5.00 from Mr. Cleveland as a special for Chicago? He was the man who made the motion, as you say. He must be the one at fault then. I cannot see where Mr. Keating has done anything wrong or hasn't the right to advertise his winning.

In the beginning of your article you say you are d——n sore over the affair, and later on you say you are glad he got the cup. Now, which is it?

You ask why the club did not award Mr. Cleveland a cup. The gentleman was at the meeting, and I am sure well able to look after his own affairs. If he thought he should have had the cup he surely would not have made a motion to have it awarded to Mr. Keating.

Why the club did not award you a cup on your two firsts I cannot tell, unless it was that the points won by Keating were more than those won by you.

In view of these facts, I cannot see where the club is guilty of any star chamber tactics. As for the secretary informing the rest of the members about it, I did not know he was supposed to inform the members of the club who won at New York, any more than who won at the hundred or more shows where club premiums are offered. I always labored under the impression that the club catalogue told you who won.

I know that what you say about breaking away from the parent body and starting in for oneself is very true, but in this case the reason for breaking away seems to me a very poor one indeed. I will leave it to the editor or anyone else who has read my article and your reply as to whether my arguments will hold water or not. Blood is thicker than water, as you say, but it's quite evident to me that yours is so boiling over being so sore that it's as thin as water, and I feel quite sure will thicken to normal when the heat of your passion has subsided.

That's right—don't trot along with a relative or club forever when you know things are not right—but before you desert show up your reasons, and when you do show your reasons to be against the club itself, and not against some few members in it.

Many men and women have stuck to their parent body or club when many

WOODS' S. C. BROWN LEGHORNS

Are the kind that WINS, LAYS and PAYS. More prizes at Missouri State Show, St. Louis, Dec. 1909, than any competitor, including 1st, 2d and 5th cockerel. 5250 birds on exhibition. Show birds and breeders for sale. The finest lot of cockerels I ever raised. : : : Tom H. Woods, Route 4, Fayette, Missouri

S. C. White Orpingtons

Kellerstrass Strain, won again at the big Butler Fair, Butler Pa., August 1910. 1st cock, 1st, 2nd cockerel, 1st, 2nd hen, 1st, 2nd pullet, 1st, 2nd pen. 50 June hatched cockerels at \$3.00 each. A few extra good ones \$5.00 each. No hens or pullets for sale.

L. A. Glessman, Member Am. White Orpington Club, Box 3, Mars, Pa.

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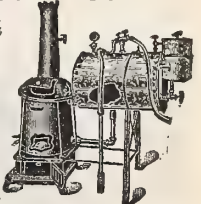


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Prize winners bred from Chicago winners. If you are looking for prize winners we can supply you with cocks, cockerels, hens or pullets that will surely win for you, at any show. Have succeeded in raising more and better birds than we ever had. All judges pronounce our Rocks as having the best barring, shape, color and undercolor of any they ever handled. Our Chicago winners in 1907 and 1908 prove this, our cockerels created a sensation. We won more prizes on cockerels than all competitors combined; we bred all of them, and have furnished many winners for all large shows. Many exhibition cockerels, of the grandest breed on earth, now ready to ship, also pairs, trios and pens carefully selected for either exhibition or breeding. Have a fine lot pure Bradley Bros. and Latham pullet-bred cockerels at \$3.50 to \$5 each. Don't fail to buy some of our birds, they are the best strain of winter layers in the world. Write for free circular showing our Chicago winners.

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Teddy V, our second prize cockerel Chicago Show, 1908. Bred and owned by us

Money in Orpingtons

—OR—

THE SENSATIONS OF THE POULTRY YARD

Is the title of our New Book including all Standard Varieties, Buff, White and Black. The breed that has made money for all who have bred them.

The author of this book, Mr. Will H. Schadt, was one of the first breeders to recognize the wonderful merits of Orpingtons and has probably done more than any individual to bring them to their present stage of popularity. As organizer of the National S. C. Buff Orpington Club and Secretary for the first five successive years he raised the membership from 4 to 1500. During all this period much valuable data was gathered which is now being published for the first time. Besides ideal cuts of Orpingtons many articles will be published telling just how to intelligently mate and breed this popular fowl. It is impossible to even begin to enumerate the information given in this book, but whether you are breeding Orpingtons or not, you want to know why they will continue in favor so long as fowls are bred. We are going to sell this book in connection with a subscription to Poultry Post, one of the best 25c poultry journals published, giving all the latest and best news to poultrymen. A sample copy free. For 50c we will send you our book entitled "Money in Orpingtons" and Poultry Post 2 full years. If you are not fully satisfied with the book your money will be refunded. Send Silver, Stamps or Money Order. Address

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of their worst enemies were members therein, and personally I have the greatest respect for one who does stick and by his efforts try to overcome conditions that he or she may think wrong.

I may be wrong, Mr. Orr, but I think "deserters" very fitting in this case, and will continue to think so until you can tell me reasons why you should form a new club, and what is wrong with the old one, outside of one or two officers. When you can do this I am with you. I have asked you on several occasions to tell me what you have against the club—not against the sec-

retary—that is wrong. You have not told me anything yet. Now, in your answer to this article, make your charges against the club, for that is what you left. Tell me also what wrongs there are in the old club, either against the club or its officers, that cannot be overcome.

I know you have some of the old members in your new club, but you know you said that you would rather desert a funeral procession and join a circus. Probably many who have joined with you would willingly give a dollar to see a circus providing that you took the part of the clown. I think if all who have joined your club would consider thoughtfully the arguments you are bringing up they would agree with me that the old club is all right, only it needs a shaking up or a calling down or something of that sort, and you fellows could have done it without "leaving the ranks" (if you like that better than "deserters"). At least one of your new members has written me that he thought so, too.

Yes, I know you have been after me, and I would be with you, but you won't give good reasons why you left the old club. I haven't anything against you, Mr. Orr—that is, anything that would make me consider you other than a good friend. I don't want you to think me angry at all because I cannot see your way. There are others, too, who cannot. I have asked for a reply, so let's hear from you. Remember:

Your arguments against the club; also why you left and what, in your opinion, is wrong in the club that cannot be overcome. What this new club thinks it can do that could not be accomplished in the old.

I will join you if you will give a reasonable answer.

Walter G. Fenton.

Mt. Clemens, Mich.

EGG, MEAT AND GENERAL PURPOSE FOWLS COMPARED.

Dr. H. F. Ballard.

THE letter by Mrs. Fred C. Hughes good many years there have been the text for this article. For a in the October A. P. J. suggested three classes of fowls, judged from a utility standpoint—the egg fowls, or those believed to be especially adapted and bred for the largest number of eggs, irrespective of size, either of the fowl or egg. As long as eggs are sold by the dozen the size of the egg does not come; it is numbers we are after, and any person who has had experience with a large number of varieties well knows that the especial egg fowl is below rather than above medium size.

The second class of fowls, the meat fowls, are those raised and sold especially as market fowls, and are generally understood to be those which will make the largest amount of meat on any given amount of food, or which will make a certain amount of meat in the quickest time, because these two characteristics are not synonymous. And these fowls are from medium size to the largest varieties known.

About the time the Plymouth Rock was originated there began a general endeavor to form, or originate by crossing the old, small-fashioned egg fowls with the bird then known as the Shanghai, the largest variety then known, to produce a variety or varieties which would combine the characteristics of

CRYSTAL WHITE ORPINGTONS

win, weigh and lay. At Illinois State Fair, we won 1st, 2d, 3d pullet, 1st, 2d hen, 1st cockerel on 10 birds entered and 161 in class.

Troy Medaris

Bement, Illinois

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Hens Crave Green Bone

Nature prompts them—it is rich in protein, the material eggs are made of. Don't "dope" your hens with "laying foods." Go to the market and get green bone for nearly nothing and prepare it fresh with a

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The easy-running, right-working cutter, favorite among poultrymen. Cuts all kinds of bones, green, dry, large, gristly and meaty, etc. Only machine that cuts square across the grain. 12 sizes. If you don't like it, return at our expense. Write for free catalogue.

STANDARD BONE CUTTER CO., Milford, Mass.



Cutter That Makes Good

Let Chas. A. Cyphers Save You 50% On A Standard Buffalo Incubator



IT MEANS dollars in your pocket to investigate the new Buffalo before placing that incubator order. Large repeat orders are coming in from last year's customers, proving that you will save a lot of time and trouble if you get a Buffalo instead of paying twice my price for an incubator not nearly so good. I want every one of my quarter million poultry friend and former customers to write me at once for full information about this money-saving, labor-saving incubator.

High Factory Cost The Vital Principles—heat—ventilation—regulation—are the same in the design, and has the added advantage that the thick asbestos insulation is also covered with galvanized iron, instead of cotton cloth, painted. The ventilation is my well known diffusion method that has made hatcheries of my design **The World's Standard**. The regulator is my compound toggle-joint design, with corrugated zinc leaves and flanged steel centers—the only design that has ever made close heat regulation possible. The lamp is my usual style—galvanized iron, seamless bottom bowl, with the addition of a radio-deflector below the burner, preventing overheating. The trays are strong and covered with galvanized wire cloth. The outer case is open-hearth galvanized iron and can never rust. The inner case is "Water-proofed Buffalo Board," and the walls are thick and well-packed. It has double doors, an inner one of glass and an outer paneled door. No better incubator can be made.

How I Save You Half I am able to Save You Half on this thoroughly well-built standard incubator only by Cutting The Selling Expense. I do not charge you for fancy literature and the salaries of a corps of high-priced officers and branch-managers. I haven't any dead-heads drawing fancy salaries. When you buy a "Buffalo" you deal with me direct and I give you three-fourths of the usual gross profit. When any poultry-raiser compares a standard Buffalo with another model selling at \$8.00 to \$10.00 more, I get the order every time. Again I get the order when he compares a Buffalo with the cheaply made boxes (called incubators) that sell at Buffalo prices.

Who is Chas. A. Cyphers? For the benefit of the beginner who is unfamiliar with poultry matters, these facts are printed. I wrote "Incubation and its Natural Laws" in 1894, the only scientific treatise on artificial incubation ever published. This work at once became the "Standard" in every country where artificial incubation was practiced. I designed and put the "Cyphers" incubator on the market in 1896 and continued to manufacture it, as President and General Manager of the Cyphers Incubator Co., until 1903, when I put out the "Model", which business I sold a year ago, and put the "Buffalo" on the market. Any poultry-man will tell you that the name "Chas. A. Cyphers" on an incubator means Quality the same as Sterling on silver.

Note My Prices

No. 0	50-60 Egg Size \$ 9.50	No. 2	220-240 Egg Size \$16.00
No. 1	110-120 Egg Size 12.00	No. 3	340-360 Egg Size 20.00

My Guarantee I positively guarantee that the Buffalo will hatch as well as any incubator made, regardless of cost. I guarantee it to be as substantially made, as well and as easily regulated as any incubator costing from \$8.00 to \$10.00 more, egg capacity considered. I guarantee it to be Fire-Proof and to last as long as any incubator ever built. **Your money back.** Send me your order today. Say which size you want and enclose the price with your order. My guarantee insures absolute satisfaction and protects you in every way.

Save A Third On Brooders

1911 Buffalo Colony Brooder is the best I ever built. It is roomy, well-lighted and Automatically regulated. It is made of pine lumber and its roof is covered with galvanized iron and will last a life-time. 1911 Indoor Brooder for indoor only, is a gem.

Indoor Brooder\$9.00
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If you want more information before ordering, write for my illustrated circular describing Buffalo Incubators and Brooders.

CHAS. A. CYPHERS, President,
 Buffalo Incubator Company,
 4700 Ellicott Square, Buffalo, N. Y.

Read This Letter

The Crystal Springs Poultry Co., Oil City, Pennsylvania, markets 75,000 ducks and chickens per annum. The following letter from them speaks volumes:

"Have just completed a hatch with the Buffalo Incubator, and beg to advise you that it is the largest per cent. of fertile eggs taken off this season—53%.

We have ninety-seven machines of different makes, but the Buffalo is far superior to any of them. It takes less to heat it, is more easily regulated, is scientifically simplified in every respect, and certainly far ahead of any incubator upon the market today. After my thirty years practical experience in the poultry business, I say to you, do not change it. In the Buffalo you have a world-beater."

Patrick McEvoy, Manager.

the two into a medium sized variety, which would have the much coveted good points of both—eggs and meat; and these crosses came to be known as all-purpose fowls.

This endeavor has been crowned with surprising success, and the result is the up-to-date general purpose fowl as we know it today; and the varieties thus produced are the Plymouth Rocks, Wyandottes, Orpingtons and Rhode Island Reds, together with several minor varieties not quite so well known.

Notwithstanding the wonderful growth of these numerous varieties (and the varieties occasioned by color), there are but few breeders of them who will hold to the idea that they have exceeded the egg fowls for eggs, or the meat fowls for meat. But that they combine both these good qualities in one fowl to as large a degree as is compatible with size and egg.

Anyone knows a small hen will lay

Leghorns, Hamburgs, Games, Polish and Spanish, and from the big meat producers, the Brahmas, Cochins, Langshans and Dorkings. But I do not believe the said general-purpose fowls exceed the Leghorns, etc., for eggs, nor the Brahmas, etc., for meat—mind, I said exceed.

Another thing I do not believe, because my experience and observation teach me different, and that is that there is very much difference in good utility qualities between Plymouth Rocks, Wyandottes, Orpingtons and Rhode Island Reds; nor that the Reds, or any other one of the four, is going to run the other three out. And when I see writers making such one-sided prognostications I feel like making the prediction that in a few years said writer will have changed his variety to a newer one, or to one of the older ones in his class, which is just as good and has been all the time.

never break up a setting hen during the hatching season till she has set three weeks, and I never have setting hens enough.

Mrs. Hughes also misunderstood me as to the big layers and big setters. My observation has been that a big 10-pound hen is never a very good layer, and I do not believe you ever have that kind of hens in Reds; they do not weigh that much.

As to Mrs. Hughes' last question, I do not remember ever having written that the Cochin "was the only chicken." They suit me, and the fact that I cannot supply the demand for them at \$2 to \$10 each convinces me there are others who are as big fools as I am, and that makes me very, very happy; misery likes company, you know.

But it is the last part of Mrs. Hughes' last question that makes me feel "so funny, you know." She says the Reds are the best of the four vari-



First prize pen cockerel, Chicago, 1909.



First prize hen, Chicago, 1909.

more eggs from March 1 to December 1 than a large one. Also, anyone with experience knows a hen will not develop size and eggs at the same time. When she begins to lay she will stop growing; and will not gain an ounce in weight while laying a clutch of eggs. I will modify the last statement this much, to say that a hen that is laying an egg every day will not grow, but a hen may grow a little while laying an egg every second or every third day. I know whereof I speak in this matter, because I have experimented along this line, while I do not believe the average chicken raiser who matches up his pen and goes off half-cocked because some writer who has had a trial with them does not swallow all the big yarns told about his new-found favorite conglomerated mixture.

Now I firmly believe the all-purpose fowls fill a legitimate and long-felt want. They get all their good qualities from the little egg machines known as

Now for the benefit of Mrs. Hughes, I will say I am not opposing the Reds. They are undoubtedly a good general-purpose fowl. But when a breeder of them says that inside of five years everybody will be raising Reds, and that all other varieties will be relegated to the butcher shop I object and just say I don't believe it.

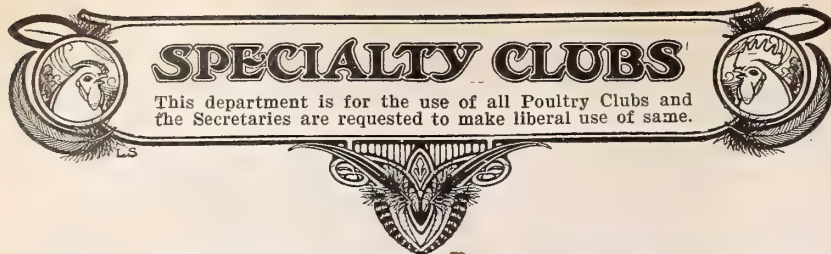
I have been breeding Cochins 28 years, and I want to say that I had more young chicks crushed to death under Plymouth Rocks than I ever did under Cochins. The feathers on the feet do not kill the little chicks, but a hen that will get up and dance about over the nest every time you go near her will kill more chickens than any other, little or big, but a Cochin hen does not do that; she has sense enough to sit still.

That Cochin hen that laid an egg in her coop with her chicks when they were two weeks old hatched her own chicks, so she had set three weeks. I

eties mentioned. Of course, all the breeders of all the other three varieties agree with her, and that makes me laugh some more. Who ever heard of a Cochin breeder claiming the Cochin to be the best all-purpose fowl?

The Southern New England Poultry and Pet Stock Association, recently organized in New London, with a charter membership list of about two hundred members, will hold its first annual show December 27-29, 1910, in New London, Conn. A long list of specials, including many silver cups, medals, etc., is included in the premium list. For information concerning the show, write the secretary, Hayward E. Beebe, Waterford, Conn.

The Westmorland Poultry and Pet Stock Association will hold its annual show February 9-11, 1911, at Moncton, N. B. Geo. H. Seaman, Sec., Moncton, N. B.



This department is for the use of all Poultry Clubs and the Secretaries are requested to make liberal use of same.

TO THE MEMBERS OF THE AMERICAN WHITE ORPINGTON CLUB.

I am in receipt of a letter from our secretary, Mr. F. S. Bullington, of the American White Orpington Club, Richmond, Va., stating that the annual meeting of the club would be held at the Kansas City show, November 29 to December 3.

Now, I would appreciate it very much to see as many members of our club at the meeting as possible. I would also like to see you bring some birds. I am going to tell you frankly that I am not going to exhibit any birds at the show, because it is my home town, but I can assure you that a person winning a prize at this show will get one of the biggest advertisements that he could ever receive, and an advertisement that will bring him orders for years and years to come. There will be more cash in gold and cups offered at this show than were ever offered at any show in America. While Mr. Quisenberry, the secretary of the State Poultry Board, has already issued his premium list, I am frank in saying that it does not contain one-half the special premiums and cups that will be given at this show. I am receiving free contributions of money and cups almost daily, which will be offered at this show, not alone on White Orpingtons, but on all known breeds, and there will be birds at this show from almost every part of the world, so please bear in mind that a winning at this show will be one of the biggest advertisements that any breeder of any breed ever had.

Ernest Kellerstrass.

The National Single-Comb Rhode Island Red Club will hold its next annual meeting and election of officers in connection with the Missouri State Show at Kansas City, November 28, 1910, at 7:30 p. m. The officers to be elected are a president, three vice-presidents, a secretary-treasurer, seven executive committee members, one delegate to A. P. A. convention. The club will also amend its by-laws and transact such other business as may properly come up before the meeting. Also to make arrangements for a large class of Single-Comb Reds at the coming National Fair—location soon to be announced. In connection with this meeting the club offers \$75 in cash special prizes to club members only. The Rhode Island Red School of Instructions, given by the National Single-Comb Club will be held in connection with the Missouri State Show at Kansas City, November 28, 1910, at 2 p. m. All judges and breeders are cordially invited to attend this meeting. Here the real live birds will be on the stand to demonstrate to the breeders of Reds, the true shape and ideal color, as well as their markings. And another very important point will be to see the changes to appear in the coming Standard. Several judges will be there and ready to discuss any and all questions on Reds. Any breeder will have permission to ask questions about Reds and to take part in discussions. J. H. Valliere, secretary, Cedar Rapids, Iowa.

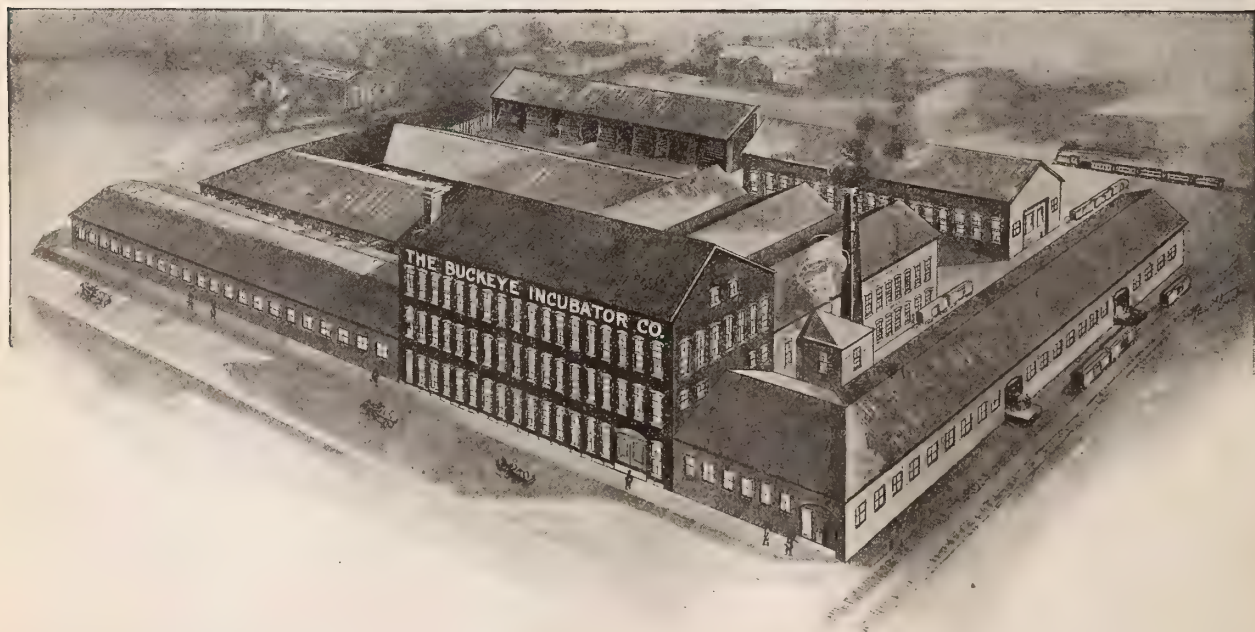
On Thursday, December 1, there will be held at Kansas City, Mo., a big meeting and grand rally of the members of the southwest branch of the Amer-

ican Poultry Association. Not only the members of the southwest branch are invited, but all other members of the A. P. A. and visitors as well, whether you are members of the association or not, are especially invited to be present with us on the above date. We will have with us that day speakers that will discuss matters of vital importance to each and every one present, and you will feel that it was worth while to be with us if you are a down-to-date poultryman or poultrywoman. If you miss it you will regret it, sure. Addresses will be made by Secretary S. T. Campbell, Mansfield, Ohio; Reese V. Hicks, Topeka, Kan.; T. E. Quisenberry, Columbia, Mo., and others will be added later, and will promise that every moment of the day something will be doing to help you in the poultry business. Let everybody come out and help us make this the largest and best meeting ever held by a branch association. W. S. Robison, secretary-treasurer Southwest Branch, Fayette, Mo.

The officers of the Boys' National Poultry Club, whose terms commence November 1, are: President, Lynn C. Townsend, Weedsport, N. Y.; first vice-president, Wm. F. Knauer, Holmesburg, Philadelphia, Pa.; second vice-president, Elbert E. Lawrence, Craig, Mo.; secretary-treasurer, E. Lawton Moore, Jr., Wyncote, Pa.; executive committee, Flem. Hagen, Jr., Walter E. Gardner, Wm. H. Gilborne, Jr., and Wm. P. Muirhead. The fifth place, that to which a member in the Mountain or Pacific states is entitled, is vacant. We especially invite young fanciers residing in that district to join.

All young men fanciers in America should join the club, and we shall be pleased to send our catalogue to anyone interested. The annual dues are 50 cents. Applicants are requested to give their names, ages, addresses and variety bred, and mention the American Poultry Journal.

The Pennsylvania State Branch has elected officers. At a meeting of the executive committee by-laws were adopted. The annual meeting of the



"This is the new factory recently built by the Buckeye Incubator Company, at Springfield, Ohio. It covers 60,000 square feet of ground space and has a capacity of 100,000 fifty-egg incubators and 50,000 Brooders and Portable Poultry Houses. The Buckeye Company are now confining themselves exclusively to the manufacture of Buckeye fifty-egg Incubators, fifty-chick Brooders and Portable Poultry Houses."

branch will be held at the Philadelphia show. A catalogue of the branch will be issued shortly.

The next annual meeting of the International Rose-Comb Black Minorca Club will be held December 10, at 2 p. m., in the Coliseum, at Chicago, in connection with the Chicago Poultry Show. Every breeder of this variety is requested to be present at this meeting, where matters of vital interest to the club will be considered.

Anyone who is able to make an exhibit this season of Rose-Comb Black Minorcas should not fail to send at least a few specimens to this annual club show. The regular cash prizes amount to \$45. Cash specials have been donated amounting to over \$35, and a \$35 silver cup will be given for best display. Two of the best known judges will place the awards. Judges who thoroughly understand Minorcas. Judge Sharpe Butterfield will place the awards in cock birds and hens; Judge W. A. Russell, in cockerels, pullets and pens. Send for premium list to Theo. Hewes, Indianapolis, Ind. The specials are open to club members only. Full particulars concerning membership may be had by addressing Lloyd C. Mishler, secretary, North Manchester, Ind.

The American Orpington Club begs to announce that they will offer at any show in the country the coming season a

BARRED ROCKS

Of the best quality. Cockerels for sale from the first prize cock and 1st and 2d prize hen at Aurora, Ill., Jan. 1910; also winners at other shows. Write for prices.

Perry M. Whitlock : Plainfield, Illinois

For Sale Very Cheap

Seven No. 8 Cyphers Incubators and four No. 3 Cyphers Indoor Brooders. Prize Winning Pekin Ducks.

Lake View Duck Farm : Chambersburg, Penna.

S. C. Black Minorcas

A limited number of young stock for sale. Eggs in season, \$2, \$5 and \$10 per setting.

Henry A. Heldemann, Brighton, Macompin Co., Illinois



LIGHT BRAHMAS, COLUMBIAN WYANDOTTES, Mottled Anconas, Brace's Strain, S. C. Br. Leghorns and Rhode Island Reds. Stock for sale. Prices right, satisfaction guaranteed.

THREE PINES POULTRY FARM

Fred T. Kyle, Prop.

Catonk, New York

THE LAKEHOLM STRAIN SINGLE COMB WHITE LEGHORNS are large, white birds with exceptional vigor. Country bred with one mission in life—to lay eggs. We offer 250 yearling pullets at \$1 each. May hatched cockerels \$1.50 each until December. LAKEHOLM FARMS, MT. VERNON, OHIO.

R. C. REDS

At Big Missouri State Fair, October, 1910—1st and 2d cock; 1st and 2d cockerel; 1st and 2d hen; 1st, 2d and 3d pullet; 1st and 2d breeding pens; special for best collection of Reds, both combs competing. 300 birds for sale

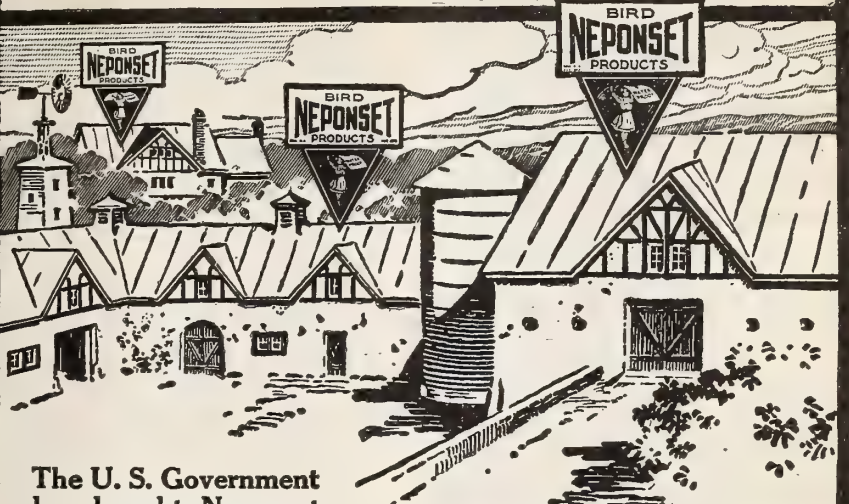
Virgil Blakemore : Fayette, Missouri

R. I. REDS

Wellington Red Strain of Rose and Single Combs. Fine breeders and youngsters for sale at reasonable prices. Send for catalogue and price list.

E. W. Phillips, Box A, Wellington, Ohio

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The U. S. Government
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Paroid Roofing every year since 1898—often a million square feet at a time—for use at home, Alaska, Panama and the Philippines, the coldest as well as the hottest climates.

Do you need stronger proof of the wearing qualities, economy, and the satisfaction that NEPONSET Paroid Roofing affords?

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GOLDEN LACED WYANDOTTES

10 prizes at the Illinois State Fair, winning 5 firsts, 4 seconds, 1 third, proving the quality of my 200-egg strain. I have a few more young birds to sell before winter at bargain prices.

J. S. PENNINGTON BOX A, PLAINFIELD, ILLINOIS

COLUMBIAN WYANDOTTES

Winners at Indianapolis, Sept. 1910—If you are looking for Columbian Wyandottes that are of standard type in ALL respects at exceptionally low prices, quality considered, write me. THE PROOF OF THE PUDDING is the winnings I made at Indianapolis, Sept. '10 in the face of strong competition. 1st ck.; 2d, 3d hen; cockerel.

B. N. Stephenson : Expert Poultry Judge : Salem, Indiana

BRED TOLAY, BARRED PLYMOUTH ROCKS

Large and prolific laying strain. 250 hens averaged 219 eggs in 1 year. Bred for eggs, size and perfection for 16 years. 500 extra fine cockerels bred from my best layers and 200 pullets for sale. Circular free.

WM. J. DAVIS

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"CATALOGUE FREE" S. D. LAPHAM, DEARBORN, MICHIGAN

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Send me two 8c stamps and I'll send you 10 beautiful Christmas Cards and tell you about my big SURPRISE.
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6310 Lexington Ave., Chicago, Ill.

The Awl for All.

SUGAR Fine Gran. 1b. 2½c

We SAVE you about one HALF on Groceries and general Merchandise and pay freight. Send no money but write at once for Free Catalogue

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415-417 Dearborn St., Chicago.

HEWES' FARM BLACK LANGSHANS

Won at Chicago, December, 1909, first and second cock and third pen in the largest and best show of Black Langshans ever caged in America. If you are looking for the best, write for circular and prices.

R. A. HEWES : : CRETE, ILL.



POULTRY FENCE
STOCK STRONG—RUST PROOF
Bottom wires 1 inch apart.
Will not sag or bag. Requires no boards—top or bottom—and fewer posts. Costs less than netting. We pay freight. Send for Catalog.
The Brown Fence & Wire Co.
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When in need of Letter-Heads, Envelopes, Note-Heads, Shipping Tags, Business Cards, Post Cards, Circulars, Folders, Etc. Get our samples and prices before you place your order. FINE CUTS USED. We pay the Express charges. Samples cheerfully sent FREE. (Mention your breed.)
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Simplest of All Lighting Systems
Most efficient, most economical. Handsome fixtures, 1, 2, 3, 4 burners. Sold direct to you subject to 2 weeks' trial and guarantee bond. No agents—Sold direct to you. Get catalog.
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Send name now for many free samples and prices. Most complete line of highest quality bands for every use.
SMITH SEALED. Used by America's leading Fanciers. Prices: 12, 30¢; 25, 50¢; 60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50; postpaid.
LEADER ADJUSTABLE. Smoothest and most secure fastening ever invented. Prices: postpaid: 12, 15¢; 25, 25¢; 50, 40¢; 100, 65¢; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.
Samples of these and many other styles free if you send postal now for booklet.
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Tone Up Your Hens

by feeding them IDEAL POULTRY FOOD. Ability to lay steadily is worth more to you than a record breaking lay for a short period followed by absolute sterility of the hens. Ideal Food is a wholesome tonic. Stimulates functions by natural means. Produces big lays—insures healthy chicks. Pure ground meat of best quality—rich in protein, nature's own egg builder. Most Economical. Ideal Poultry Food is increasing egg production everywhere—Let us tell you more about this really wonderful food. Your name brings full information. Send it today.
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special ribbon to any member of the American Orpington Club winning a first at any show, if there is one or more entries, and a silver cup to any member at any show in the country for best display, provided there are three entries in each class, two members competing. The membership of the American Orpington Club has tripled during the past season, as the Orpington breeders are evidently appreciating the advantages of becoming members of the oldest and original Orpington Club in this country. A club in which every breed of Orpingtons receive an equal chance and equal advantages with another. Ernest Miere, secretary, Flushington, L. I.

The National Rose-Comb Orpington Club will offer special prize silk ribbons for the best rose-comb black, white and buff cock, cockerel, hen, pullet and pen at the poultry shows to be held in Boston, Mass.; New York, N. Y.; Cleveland, Ohio; Chicago, Ill.; St. Louis, Mo.; Kansas City, Mo., and Portland, Ore. As only members are eligible to compete for these prizes, Rose-Comb breeders should take the matter up with their secretary, Mr. A. R. Pollock, Piqua, Ohio. We will also offer the same prize at any show held under the A. P. A. rules where three or more of our members exhibit, provided the secretary is notified of such intention.

Black Orpington breeders, attention! We want you to join the club and win a medal or cup at your poultry show this year. Medals and cups are offered at every show in America, whether show catalog indicates that fact or not. Simply get the show secretary to vouch for your winning and if your dues are paid in full to date of show your medal or cup will be forwarded direct from the national secretary. All dues now payable—club year begins October 1. Don't miss your medals this year! Write at once to the secretary, Milton W. Brown, Station L, Cincinnati, Ohio.

The American Light Brahma Club offers as special prizes four handsome silk ribbons—one for best shaped male, one for best shaped female, one for best colored male and one for best colored female. Only members whose dues are paid to October 1, 1911, are eligible to compete for these specials. Membership fee is only \$1, and this pays up to October 1, 1911. For information in regard to the club write Frank P. Johnson, secretary, Station A, Indianapolis, Ind.

The annual meeting of the American Columbian Plymouth Rock Club will be held at Buffalo during the week of the great International Show. Questions involving the future conduct of the club will be discussed at this meeting and a large attendance is desired. Special ribbons are offered by the club, also cash prize. Edw. B. Kaple, secretary, Elbridge, N. Y.

The National Silver Penciled Wyandotte Club will offer their handsome set of silk ribbons at all poultry shows that print our notice in their premium list. One for the best cock, hen, cockerel, pullet and pen. \$2 pays fee and first year's dues. Join the club before the show opens to compete for ribbons. James S. Wason, secretary and treasurer, Grand Rapids, Mich.

The National Black Langshan Club will hold its annual meeting at the Kansas City Show, November 29 to December 3, 1910. We are offering our club ribbons at all shows this winter (to members) if notice of same is placed in the premium lists. M. S. Barker, secretary, Thorntown, Ind.

The National Rosé-Comb White Minorca Club offers silk badges at all state shows this winter. Send \$1 for membership to General Secretary Fred Alger, Waukau, Wis.

Editor American Poultry Journal.

Dear Sir: I want to give to the readers of your journal my experience with hatching chicks in incubators. So many chicks are lost every season from white diarrhea. All the care and remedies in the universe would do no good. I have read hundreds of letters in different poultry journals telling of their chicks dying like flies in a week to ten days after being hatched, but I never saw an answer giving any remedy that was worth anything. The cause was never reached. I had experimented several years, losing hundreds of chicks, and was just as much in the dark when I quit as when I began. With all the remedies, care and different kinds of feed they would die like flies inside of two weeks. But this spring I found the "long-looked-for" remedy. I picked up the March number of "Poultry" and there was the experience of Prof. E. F. Pernot of the Oregon Experiment Station. He said to fumigate your incubator with formaldehyde would remove the cause. I used about two teaspoonfuls of permanganate of potash to 1 ounce of formaldehyde. Put in a small dish and place in incubator and close up tight and leave for 12 hours. Do this before putting eggs in. I have a 360-egg size.

The chicks come out strong and hearty and live, and you don't see any white diarrhea. It was a great discovery and should be published in every poultry journal.

C. L. McFerren.

Bellville, Ohio.

Editor American Poultry Journal.

Dear Sir: As I am a reader of the A. P. J., and three other poultry papers, and a new beginner in the poultry business, I will give you my record for a year commencing October 5, 1909. I started with 2 yearling hens and 32 pullets, S. C. Buff Orpingtons, and got 2,722 eggs. I began setting hens in February—set 26 for the year; 16 of them run with chicks until they weaned them. Two of them died in March, 1 got killed in May, and I sold 7 May 15, leaving 24; 2 disappeared the last of July, leaving 22. I sold \$31.50 worth of eggs and have eaten \$10.45 worth. Did not advertise any, but sold nine settings for \$1 per setting, making a total of \$41.95. I raised 210 chickens. I now have the 22 yearling hens and 70 pullets. I aim to keep 75 through the winter. They have been through a heavy molt through August and September, and some are still moulting. I moved to a new place the first of August, but did not check their laying. I have not been forcing for eggs through moult period.

In January and February the thermometer ran to 20 below zero several days, but I got from 12 to 15 eggs per day.

Ed. Eaton.

Dana, Ind.

ASSOCIATIONS AND SHOWS

Secretaries are requested to send in news items of interest about their show for this department.

At a meeting last Thursday, September 22, 1910, at Ridgway, Pa., the Elk County Poultry and Pet Stock Association was organized with the following officers: President, J. L. Brownlee; vice-president, Geo. Bartholomew; secretary, R. J. Rauscher; treasurer, A. S. Smiley. The meeting was very largely attended, and from the interest taken the outlook for a thriving association is very bright. They anticipate holding a show in the near future, dates of which will be announced later.

The Northwestern Poultry and Pet Stock Association will hold their sixth annual show at Iowa Falls, Ia., December 12-16. The State White Wyandotte Club cup will be offered at this show, and many other cups and large cash prizes. Plan to send your birds to Iowa Falls. U. J. Shanklin, judge. Send for premium list.—H. L. Dixon, Secretary, Iowa Falls, Ia.

More Inventions by Lee

Here's his new Incubator door all are talking about. Perfect ventilation for the first time.



Mandy Lee Incubators

supply life-giving oxygen freely to the eggs and just as naturally draw off the poisonous gases. The most important step ever taken in incubator ventilation—neither above nor below, but *right at the eggs*—the correct principle, for the new Mandy Lee is making better hatches of *stronger* chicks than any other incubator in the world.

We Measure Everything

Heat—moisture—ventilation. You *guess* at nothing. If the eggs are good and you follow simple directions your work with a Mandy Lee is as nearly an absolute certainty as anything can be. There is no more reason why you should buy an incubator that regulates nothing but heat than for a farmer to continue to harvest his crops by methods and machinery used 100 years ago. Your success with poultry depends on your ability to select equipment that is *right*—that's what you *always* get from us.



No guessing with a Mandy Lee

Send to-day for new catalog. Learn of these new improvements and of our new out-door, lamp-heated and regulated brooder, just what is needed.

GEO. H. LEE CO., 1101 HARNEY ST., OMAHA, NEB.
P. S. Have you received your copy of "Lee's Chicken Talk" and "Mandy's Poultry School," the two most popular poultry books ever published? *Free!*

Philadelphia will hold its fifth annual show at the Second Regiment Armory, Philadelphia, the week of December 13-17. The list of judges, although not quite complete at this time, is as follows: Mr. W. C. Denny, Buffalo, N. Y.; Mr. H. P. Schwab, Irondequoit, N. Y.; Mr. Charles H. Ward, Bethel, Conn.; Mr. W. Theo. Wittman, Allentown, Pa.; Mr. J. C. Punderford, Frenau, N. J.; Mr. Charles Nixon, Washington, N. J.; Mr. Joe Coleman, Marseilles, Ill.; Mr. Robert Seaman, Jericho, N. Y.; Mr. Frank L. Platt, Toledo, O.; Mr. James T. Baldwin, Wisconsin, Philadelphia; Dr. J. S. Wolfe, Bloomfield, N. J.; Hon. David A. Nichols, Chelton, Conn.; Mr. Edwin H. Morris, Sparkhill, N. Y.; Mr. John J. Ritz, La Mott, Pa. The entry fee on bantams, turkeys and geese has been reduced to one dollar, the prize money remaining the same as for the larger breeds. Premium lists may be obtained by addressing Show Secretary, 205 Mint Arcade, Philadelphia.

The third annual poultry and pigeon show of the Northampton County Fanciers' Association will be held in Bethlehem, Pa., during Thanksgiving week, November 23-26, 1910. The market building has been secured, assuring ample room to properly coop and display 2,000 birds. All new French coops will be used. The fanciers in and around Bethlehem are all working enthusiastically for the show, and a good exhibition is assured. Entries will close on November 8. Premium list ready. You should have a copy. Address the secretary, Herman J. Schneller, Bethlehem, Pa.

Following are the judges selected to place the awards at the great Baltimore show, January 3-7, 1911: David A. Nichols, J. H. Drevenstedt, W. C. Denny, Richard Oke, H. P. Schwab, W. Theo. Wittman, Robert Seaman, J. C. Kriner, Geo. Young, E. B. Ulrich, A. A. Ashley, Wm. Ehinger, W. K. Nester. For premium list send to Geo. O. Brown, Sec., 2027 E. North Ave., Baltimore, Md.

The Idaho State Poultry Association will hold its second annual show at Boise, Idaho, December 26-31, 1910. Miller Purvis, judge; Meldo Hillis, Sec.

The Portville Poultry and Pigeon Club will hold its fourth annual show at Portville, N. Y., January 24-27, 1911. Wm. F. Brace, judge; J. F. Nagel, Sec.

Ed. Brown, Mendota, Ill., the well-known breeder of Barred Plymouth Rocks and Pekin ducks, exhibited one hen at the late Illinois State Fair and won first prize. He also won 2d and 3d on a pair of Pekin ducks. Write him for what you desire in these varieties, he will treat you right.

Canandaigua, N. Y., Sept. 15, 1910. I have this day sold and delivered to Hillhurst Farm, Orchard Park, N. Y., my entire stock of Columbian Wyandottes, including cuts and good will.

This stock combined with the stock the Hillhurst Farm already has should place them well in the front rank of Columbian breeders, giving them a large stock of very high quality. C. J. Andruss.

A Case of "Wooden Leg"

Would you hire a man with a wooden leg? Hardly! A wooden leg is a poor substitute for real leg power. You would want a man with two good legs—full leg power—no substitutes.

Disks and other contraptions in common cream separators are like wooden legs—they are mere substitutes for lack of skimming force resulting from a wrong principle of construction. A properly built separator produces plenty of skimming force to do the work without disks or other substitutes. Claims that contraptions are needed in modern machines are disproved by the fact that

Sharples Dairy Tubular Cream Separators

contain neither disks nor other complications, yet produce twice the skimming force, skim faster and twice as clean as common machines. Wash many times easier and wear several times longer in consequence.

The World's Best. World's biggest separator works. Branch factories in Canada and Germany. Sales exceed most, if not all, others combined. Probably replace more common separators than any one maker of such machines sells.

Write for Catalogue No. 205



THE SHARPLES SEPARATOR CO.
WEST CHESTER, PA.
Chicago, Ill., San Francisco, Cal., Portland, Ore.
Toronto, Can., Winnipeg, Can.

ATLAS PORTLAND CEMENT

Makes The Best Concrete

SUGAROTA FEED MAKES HENS LAY



Get more eggs, more good fat broilers, more poultry profits and have bigger, stronger, healthier, livelier fowls by feeding Sugarota Scratch Feed.

All feed—no waste, grit, charcoal, shells or gravel. Contains every food element to develop fowls to their utmost and make "layers" out of "loafers."

Try 100 lb. sack at our risk and prove these statements.

If your dealer can't supply you write direct to us for lowest prices and particulars of our "FREE TRIAL OFFER." Valuable book for stock raisers—"Sacharine Feeds and Feeding" mailed free upon request.

A BALANCED FEED

NORTH-WEST MILLS CO.,
123 Northwest St., Winona, Minn.

MAKE YOUR HENS LAY

You can get more eggs from your hens now by feeding them properly cut green. Done. Prove it yourself. Let us send you a

STEARNS BONE CUTTER

for thirty days free trial. If you do not feel that it is

Now is the time to get more EGGS



man's greatest money-maker, don't pay for it. Write for our catalogue and free booklet "How to Make Poultry Pay."

E. C. STEARNS & CO.,
Box 5, Syracuse, N. Y.

WILSON'S S. C. BLACK MINORCAS

won all 1st, 2nd and two 3rd prizes, Indiana State Fair. Three 1st and three 2nd on 6 entries, Illinois State Fair.

E. E. WILSON

1116 Concord Street, INDIANAPOLIS, INDIANA

Crowther's S. C. Reds

Win highest honors at the three great Red meets of 1909-10. They have few equals in type and color in the world. Ask for catalog showing six photos of this matchless type.

Ira M. Crowther "Home of Aristocrats" Box A, Willoughby, O.

Fairview White Rocks

Latest win at the Kentucky State Fair, September 1910. 1st, 2nd and 3rd Hens; 1st and 2nd Pullets; 1st and 3rd Cocks, and 3rd Cockerel. This, in the largest entry the Kentucky State Fair has ever had, proves that my stock has the quality. Choice young breeders and show birds for sale. Every bird guaranteed to please.

GUY DAILY Box A, JEFFERSONVILLE, IND.

WHITE ROCKS

I breed exhibition quality and my birds win. Choice young stock now ready to ship. I guarantee satisfaction or no sale. Write today.

J. H. Trobaugh

:-

:-

Delphi, Indiana

R.C. Reds

Early hatched cockerels bred from our Cleveland, Buffalo and Youngtown winners, for exhibitions now ready. Special sale of utility cockerels, large, vigorous fellows, \$2 and \$3 each. Some extra fine breeding cockerels from our Bean line for sale. Write for full information. Also a few breeding pullets.



Simmons & Crittenden

:

Geneva, Ohio

CANADA'S BEST R. C. and S. C. BLACK MINORCAS

Winners of the Red and Blue at the largest shows on the continent. At the Canadian National Exhibition at Toronto in September, Canada's greatest fall show, in the largest and best class ever shown at Toronto, we won Single Comb—Cock 1st and 2d, hen 1st, cockerel 3d, pullet 1st and 2d. Rose Comb—cock 1st, hen 2d and 3d, pullet 2d. No other exhibitor won more than one first. At London same month we won, Single Comb—cock 1st and 2d, hen 1st and 2d, cockerel 1st and 3d, pullet 1st and 2d. Rose Comb—cock 1st, 2d and 3d, hen 1st and 2d, cockerel 2d and 3d, pullet 2d and 3d. We also won special for best collection in both R. C. and S. C., at both London and Toronto. We supplied winners for the best shows on the continent last season and we are in better shape than ever to supply exhibition birds this season. Scarcely a mail but what we get inquiries from last season's customers.

T. A. Faulds, London, Ontario, Canada

Life Member of A. P. A.

Member of A. B. M. Club.

Vice President of the International R. C. Black Minorca Club

AMERICA'S LEADING SHOW
Twenty-Second Annual Exhibition
NEW YORK POULTRY & PIGEON ASSOCIATION
 (LIMITED)

Will be held in the MADISON SQUARE GARDEN, New York City, December 28, 29, 30 and 31, 1910. Entries close December 10th, 1910.

\$1000 IN SPECIAL CASH PRIZES

H. V. Crawford, Secretary

Montclair, New Jersey

25 LEG BANDS FREE.

How often do we hear that old complaint of one's chickens getting mixed with their neighbors. Surely, there's no need to quarrel or go to law about the matter. Get a supply of leg bands of some practical make and mark your fowls. In no other way can we be certain of the age, breeding and laying qualities of each bird than to properly band them. During the next few weeks the Kemi-form Company of Cleveland, Ohio, present our readers the opportunity of obtaining 25 (numbered) Signet aluminum leg bands absolutely free.



These bands may be easily adjusted to fit any size chicken or turkey, while a new positive lock insures their staying on as if welded. No chaffing of fowls' legs when Signet bands are used.

All poultry keepers who recognize the importance of healthy fowls will welcome this free offer in connection with the purchase of a package of Kemi-form, the reliable disease preventative, cure and tonic. It is a well-known fact that serious sickness may break out in your yards at any time. You are never safe unless some good remedy is kept constantly at hand. A Kemi-form tablet dissolved in the flock's drink now and then means health insurance for your chickens. For the speedy cure of Rouse, Cholera, Chick-en Pox, etc., Kemi-form has no equal. Why not look up this firm's ad on another page and get some of these leg bands before the supply becomes exhausted. The Kemi-form Company guarantees to please you or return your money upon request.

Rockandotte Farm, Southboro, Mass., made almost a clean sweep at Nashville and Memphis 1910 on their White Plymouth Rocks and White Wyandottes, which fully demonstrates the fact that this farm produces some of the best stock in the country. Their winnings at Nashville were as follows: On White Plymouth Rocks, 1st cock; 1st hen; 1st, 2d, 3d and 4th cockerel; 1st, 2d, 3d and 4th pullet, 1st pen; special best pen in show, special best hen in show, special best pullet in show. On White Wyandottes, 1st hen; 1st cockerel; 1st, 2d, 3d and 5th pullet, 2d pen. At Memphis, on White Plymouth Rocks, 1st cock; 1st hen; 1st, 2d, 3d and 4th cockerel; 1st, 2d, 3d and 4th pullet, 1st pen; special best cockerel in show, best pullet in show, best pen of White Plymouth Rocks, \$50 grand prize for best 15 birds in one variety. White Wyandottes, 1st cock; 1st hen, 1st, 2d and 5th cockerel; 1st, 2d, 3d, 4th and 5th pullet, 1st pen, 30 ribbons on 30 birds. This is certainly one of the grandest records ever made by a single exhibitor at any show in this country and these birds were all hatched and raised on the Rockandotte Farm, which is owned by W. R. and Mrs. S. H. Graves, Southboro, Mass. This is not the only record made by birds from this farm; the first prize cockerel at Madison Square Garden, New York in 1908, 9-10 was bred by these people, also first Boston cockerel, 1910, and many other prize winners at the Boston show this year. At Memphis, Tenn., 1910, in a class of 132 Rocks, they won the four first prizes; also special for best pullet in show, and \$25 in gold for best cock, hen, cockerel, pullet and pen, all Wyandottes competing, and the \$50 Purina cup for best pen Rocks. Their winnings at New York were equally as good, and you cannot make a mistake in ordering show birds or breeders of these two varieties from the Rockandotte Farm, Route 4, Southboro, Mass.

J. A. Beckerdike, Millersville, Ill., the well-known breeder of White Plymouth Rocks, made an exhibit at the late Missouri State Fair, Sedalia, Mo., and won the following prizes: 1st hen, 1st pullet, 1st pen; 2d hen, 2d pullet, 2d pen; 3d cock, 3d cockerel, 3d pullet, 3d pen; special for best display of Rocks, all varieties competing. This winning, together with his past record, certainly shows that he breeds birds of quality. He has some exceptionally fine birds for the early winter shows, birds that cannot help but win the blue in the strongest competition. Write for his catalogue.

A DAY WITH E. R. PHILO, AT ELMIRA, N. Y.

We had seen pictures of the Philo Institution, etc., and were prepared for what we were to see, when we went there, but these pictures were in no way as convincing as the real thing when we saw it.

This mammoth building, costing thousands of dollars, stands as a monument as it were, to prove what the public think of the Philo System. For if it did not possess merit the public would have discarded it long ago.

In this building are located the offices on the main floor, in the cellar 2,700 square feet of floor space are used for the printing room, and the rest for the wood working room, where they manufacture their coops, which are sold in knocked down form. The upper floor is partly used for storage, and partly for recitation rooms for resident students.

Back of this building is a building where they manufacture their own gas, which is converted into electrical power to run the machinery, presses, etc.

There is also an incubator building, 20 by 100 feet, in which are sixty-eight Cycle Hatchers, holding 3,400 eggs. Besides these, there are literally hundreds of Philo coops. Mr. Philo informed us there were 300 old birds in these coops, and 4,000 chicks, and we believe it, for there were some chickens there, all healthy and doing fine. They were all sizes and ages. Some of the pullets raised this year were laying at the time of our visit, September 2.

Mr. Philo showed us birds whose parents, for seven generations, had never been outside of a Philo coop. They certainly looked strong, vigorous and healthy. This would certainly convince any one that their system had no tendency whatever to lower the vitality of the stock reared according to Mr. Philo's plan.

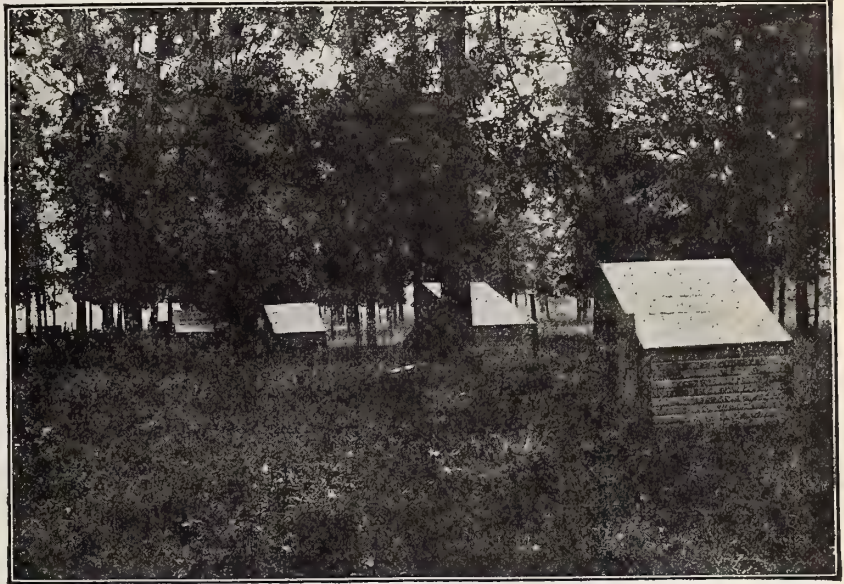
Any one coming here and seeing this plant would have to be convinced that Mr. Philo's system was an unqualified success, when followed out as he does it. This is intensive poultry culture, and disproves the old time theory that one must have large range for these birds in order to be successful. It is now possible, under the Philo System, for almost anyone to have a few chickens, and the public are realizing this through Mr. Philo's generous advertising, and thousands of people are now using his system, and have

chickens where they did not have them before.

To show you how the public are taking to it, we will tell you that they have received as many as 5,000 letters per day. It takes twelve girls a half a day to open these letters. The average number of orders received for their book last winter was 1,000 per day. Their business has grown so large that they have been compelled to rent warerooms in several cities, in different parts of the United

States, which includes some extra choice cockerels out of Buffalo Queen, the bird that created so much attention at Buffalo last winter. These cockerels will no doubt win the blue ribbons the coming season, and it will be well for our readers to communicate with Mr. Hayner if they desire something first class to exhibit at their early winter shows.

C. L. Buschmann, Indianapolis, Ind., the well known breeder of R. C. Rhode Island



SHADE FOR COLONY HOUSES ON MIDLOTHIAN FARMS, TINLEY PARK, ILL.

States, and they have opened a branch office in Oakland, Cal., to take care of the Western trade. We give you these facts as we found them. Certainly they should convince you of the merits of the Philo System.

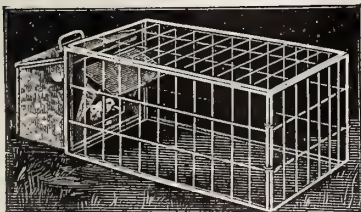
Jonas Hayner, Livingston, N. Y., the well known Barred Plymouth Rock breeder, reports that he has some of the finest young stock that it has ever been his pleasure to

Reds, reports the following winnings at Nashville, Tenn.: 1st, 2d, 3d, 4th and 5th cock; 1st, 2d, 3d, 4th and 5th cockerel; 1st, 2d, 3d, 4th and 5th hen; 1st, 2d, 3d, 4th and 5th pullet; 1st, 2d, 3d and 4th pen; \$50 silver cup for best and largest display; \$50 in gold for best and largest display; silver cup for 10 best pullets, all birds competing. Southard, judge. See report of Illinois State Fair for his winnings at that show.

White Rocks Exclusively

100 large early hatched cockerels, 100 pullets and 75 yearling hens for sale Prices and stock that can't be beat. My birds have always won more prizes than any other exhibitor. If you want a good show bird or good breeders, write me.

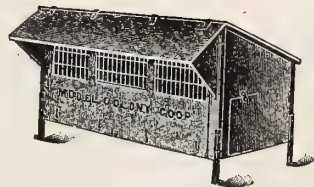
H. L. Brown : : : : : Oxford, Ohio



Model Setting Coop



Model Brood Coop

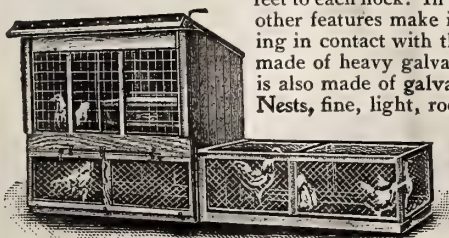


Model Colony Coop



Economy Trap Nest

Model Portable Hennyery, an ideal contrivance for keeping fowls in small flocks. It is just what you want if you have but little room, yet would like to keep a good many chickens. Nearly 500 layers can be comfortably kept on a city lot 50x150, allowing 100 square feet to each flock. In our Model Hennyery we have perfect sanitation, pure fresh air at all times and many other features make it indispensable to the breeder. Our **Setting Coop** prevents the setting hens from coming in contact with the other fowls. It is light, durable and practically lice proof. Our **Brood Coop** is made of heavy galvanized iron, is rat and vermin proof and weighs about 15 pounds. The **Colony Coop** is also made of galvanized iron, easily cleaned and perfectly sanitary. Our practical **Economy Trap Nests**, fine, light, roomy nest that cost but little more than a common nest. Space does not permit a detailed description of our goods in this ad and if you are interested and want to know about these appliances write for our descriptive catalogue.



Model Portable Hennyery

Everything as Represented or Money Refunded

NIEMANN BROS. MFG. COMPANY
BOX 677 - MT. OLIVE, ILLINOIS

POULTRY BEGINNER WANTED.

I have a position for a young man, who is sober and industrious, has the love of pure bred fowls deeply rooted in his heart and knows that he wants to make poultry-keeping his life work. It is a situation in which a young man can grow in salary as well as knowledge if he has it in him. I cannot afford fancy wages to start, as the work is not heavy, though none but a faithful man will care for all the details entrusted to him. Let me know how you are hooked up, tell me what is the least you will begin for and what experience you have had. If you mean business show it in your letter to me. Hurry your letter.

Amos Burhans.

Waterville, Minn.

On another page appears the illustrated advertisement relative to the S. C. Buff Orpingtons of John O. Willard, of Linden, Mich. He has been the vice-president of the National S. C. Buff Orpington Club for two years and an extensive breeder and exhibitor at the largest shows where he always makes an enviable record. Last spring in fifteen special matings he had about sixty prize-winning females and twelve prize-winning males, which had won at such shows as Madison Square Garden, New York, Chicago, Michigan State Fair, Lansing, Detroit, Jackson, etc., etc. During the spring egg trade, Mr. Willard sold and delivered over \$1,100 worth of eggs and turned down orders and money for nearly \$800 worth in addition. This season he has raised on his own and other farms about 1,000 Buff Orpington chicks from which he expects to realize \$2,500 over and above his own show birds and breeders. He is now offering young and old birds at living prices. During September he sent three different strings of birds to the Michigan State Fair, the Grand Rapids fair and to the Cadillac fair. He won fourteen out of fifteen first prizes and nearly all the others besides. Mr. Willard is now conducting his fall and winter sale. If any of our readers are interested in big wonderful Buff Orpingtons of high quality we advise them to get in touch with Mr. Willard at Linden, Mich. He gets out a fine catalog telling all about his stock. It's nicely illustrated with pictures of his birds, etc., and is free for the asking.

All poultry raisers each season suffer losses which, if eliminated, would effect a substantial increase in their profits for the year. One of the greatest losses to contend with is no doubt that incurred by the depredations of rats and mice. Conditions here are hard to meet, as traps seem to be unsatisfactory, and the use of poisons is only a risk of further loss, as they are obviously a source of destruction to poultry and domestic animals as well. It seems, however, that the solution of this problem has been found by the Pasteur Vaccine Company, Ltd., whose advertisement appears elsewhere in this issue. They have a virus which is furnished in either bouillon or gelatin form and which is fed to the rodents on bait. In the course of a few days a

mortal and contagious disease develops in the rodents which rapidly spreads. The disease is characteristic, however, in that it is confined to the rodent family. The virus might well be called the "Ideal Rodent Extirminator," for here is a preparation that affects not only the rats and mice that partake of the bait, but the disease, which

either the Chicago or New York office of the above mentioned company, if this paper is mentioned.

F. D. Sutton, Youngstown, Ohio, the man who is producing superior White Orpingtons, reports that he is almost sold out of surplus stock and any one desiring high



True type of R. C. Buff Leghorn as bred by F. A. Tecktonius, Racine, Wis.

it gives them, is communicated to their companions. It will thus be seen that an extensive area can be cleared of the rodents, and being fatal only to rats and mice, it can be used with safety anywhere without endangering other life. Our readers will find it to their advantage to give this matter their thorough consideration. Full particulars will be furnished on application to

grade Orpingtons from him will have to order quickly.

F. A. Tecktonius, Racine, Wis., the noted Buff Leghorn breeder, is offering some exceptional bargains in both Rose and Single Combs this month. See his ad in this issue and write him for what you want.

Pape's Single Comb Black Minorcas

As a table fowl and producers of LARGE WHITE EGGS and MANY OF THEM are in a class by themselves. They have no superiors and but very few equals. Can supply UTILITY PENS OR FLOCKS at rock bottom prices and BLUE RIBBON WINNERS for the exhibitor, any sex. One or more of our cockerels will increase the egg production of your flock and the size of your birds. State your requirements fully, will cheerfully assist you in any way possible.

Charles G. Pape : Box B74 : Fort Wayne, Indiana

BLANCHARD'S WHITE LEGHORNS

The Leading Strain of Heavy Layers. Winners at Madison Square Garden, New York, 1903, 1904, 1905, 1906 and 1907

Are no experiment, having been carefully selected and bred for over 20 years with results that fully justify the claim that they are one of The Great Laying Strains of S. C. White Leghorns in Existence. No labor or expense has been spared in building-up perfecting the strain, and while the production of large, pure white fancy market eggs has been the main object, Standard Qualities have not been neglected. They are Large, Vigorous, Active and Handsome. Good winter layers and keep at it all summer. Unexcelled for introducing new blood or as foundation stock. Eggs for Hatching. Stock for Sale. Illus. Circular Free.

E. E. Pabst : Formerly H. J. Blanchard : Groton, Conn., New York

WE HAVE WINNERS FOR YOU

SINGLE AND ROSE COMB REDS

At the Great Brockton Fair, October, 1910, on 89 Birds Had 77 Under the Ribbons—For five consecutive years we have shown at Brockton and won more regular and special prizes than any other competitor showing in all of the same classes. We have a large flock of birds to select from; can supply you show birds, rich red color and good long backs. Special prices on 500 good husky cockerels, \$3.50 and \$5. Ducks—Pekin, Rouen, Light and Dark Fawn Indian Runners, at prices from \$2 to \$5. Exhibition and utility specimens. Your correspondence urgently solicited. All birds sent on approval. Write your wants today.

White Birch Poultry Farm : Mary B. Conant, Proprietor : W. H. Withington, Manager : Union Street, Bridgewater, Massachusetts

WHITE ROCKS

YOUNG STOCK AND EGGS

James V. Johnson, 507 E. 7th St., Little Rock, Ark.



\$60 per HEN per YEAR

On A Garden-Plot of Land

POST CARD BRINGS our free 56-page book, "The Why and How of the Miller System." Test our ideas far enough to form an opinion. If not satisfied, notify us in 30 days and we will provide return postage. Address Miller System Company, 14 7th, Binghamton, New York

Ferris' White Leghorns

Winners at Louisville, St. Louis, Toledo, Detroit, Pittsburgh and the Michigan, Indiana, Iowa and Tennessee State Fairs. : : : : :



THIS fine male won first as a cockerel at the Indiana State Fair last year and first as a cock at the Michigan State Fair this year. He is a typical Ferris White Leghorn—exceptionally fine in shape, graceful in carriage and has that snappy, intelligent appearance which all good show birds should possess. Notice his fine head, his concave back, his low tail, his style and finish.

His chicks show the same good points that have made him an easy winner, and many of them are early hatched, ready to sell now.

He is but one of several remarkably fine males that were in our breeding yards last season.

Hundreds of their chicks have reached their maturity; they are large, snow-white and typical in shape, with fine heads and low tails and they will win for you wherever you want to exhibit.

Prices are as low as such high grade stock can possibly be sold. Exhibition breeding males, sired by winners like the one shown above, at \$5, \$7.50, \$10 and \$15. Females at \$3, \$4, \$5 and \$7.50. These birds will win in ordinary competition, and are the kind that will breed winners. See our new catalogue for full particulars regarding them. Winners for the larger shows at \$20 and up for males and \$10 up for females.

I Ship Anywhere on Approval

Keep the birds three days, compare them with others and if you don't agree that they are worth a good deal more than I'll charge, send them back at my expense and I will refund your money at once.

Remember that we breed for size, health, vigor and profit as well as for standard requirements. We raise our chicks on free range and never breed from weak or unproductive birds, no matter how good they are from a fancy standpoint.

I want you to have a copy of my new 40-pg. catalog; it tells all about Ferris Leghorns and why you need them. It shows photos of the birds I sell and gives a more complete description of my stock, farm and methods than is possible in this ad. Gives a complete list of winnings and will convince you that you need this strain of winners bred to pay. A postal brings it.

THE FERRIS POULTRY FARM

Geo. B. Ferris, Prop.

555 NO. UNION GRAND RAPIDS, MICH.

Wm. Cook & Sons, Scotch Plains, N. J., originators of all the Orpingtons, have just issued their 1911 catalogue, which is larger and more handsome than ever and is filled with valuable information on the origination of the Orpington fowl and hints on general poultry keeping. By mailing them 10c and mentioning American Poultry Journal the catalogue will be mailed you immediately. This firm reports the Orpington business larger than ever, their largest sales being made through American Poultry Journal. Mr. Cook states he has several more thousand birds than ever this year and the quality better than ever. We can believe this when they won every first in the young cockerel classes at Allentown in September, winning 1st and 2d in Buff, Black and White Orpington cockerels, also 1st and 2d Buff Orpington cocks, 1st Buff pen, 1st Black pen and numerous other prizes. This was done in one of the largest Orpington classes ever gotten together at this season of the year. If you want a bird to win in the Orpington classes you can certainly get one or more from the originators of all the Orpingtons. Don't forget to send 10c for one of their large catalogues today.

Charles G. Pape, Fort Wayne, Ind., the S. C. Black Minorca breeder, reports the

vate management. This allows him to devote his entire time and attention to his birds, which are improving each year. Having the range of the farm, his stock is healthy and vigorous, good in color, shape and all other respects. Mr. Yant began in 1898 to establish his own particular strain of Barred Rocks. Since then he has devoted his entire time and attention to the work. The result has been that the Barred Rocks from Scenic Hill stands the equal of any in their class in this country. His winnings include Chicago, 1909. This was his first attempt in that city. He won more prizes on pullets in Chicago than any other exhibitor. Cleveland, 1910, he won 1st pen and 3d cockerel on two entries. The results at Akron, Canton and Youngstown, since 1902, have been practically a clean sweep on all first and second prizes.

Ten March hatched pullets laid 149 eggs in August. We are informed that Crystal Spring Farm furnished the chicks that made such a remarkable showing as outlined in our October issue, by H. H. Kaner, the winner of second prize in our prize article department. As space does not allow to go into details here of the result of the twenty-six chicks which were purchased by Mr. Kaner, we would ask all those interested to turn to Mr.



"ARISTOCRAT."

This is the original "Aristocrat" after which this famous strain was named. From him we fixed this wonderful type and color. His long deep horizontal body is plainly to be seen in all the splendid birds that fill Mr. Crowther's yards. The color of this bird is almost blood red, and it is so even all over that he has the appearance of one shade of brilliant glossy red from head to tail. He is large and well balanced throughout and shows fine breeding, not the slightest sign of coarseness anywhere. Clear red undercolor, good wing and tail, a head gear with the rest that stamps him at once as an aristocrat among reds. Bred and owned by Ira M. Crowther, Box A, Willoughby, Ohio.

following winnings: At the great Fort Wayne, Ind., fair, September 20-24, 1910—1st cock bird, 1st and 2d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet, best pen, best exhibit in the poultry line at the fair and all specials offered by the American Black Minorca Club. At the Memphis, Tenn., Tri-State fair, in competition with seven exhibitors, we won 1st cock bird, 1st and 2d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet and 1st pen, championship cock bird in the show, \$12 silver cup offered by Burns-Barry Company for the best pen of Minorcas. Gold leg bands and several other specials.

The Scenic Hill Poultry Farm, owned and established by Mr. Jno. W. Yant, is unique in the fact that it is an old fashioned "free range" farm. Mr. Yant has about 25 acres of farm land, nicely wooded and under pri-

Kaner's article in the October issue and read it again. We are further informed that on September 16 Mr. Kaner killed a cockerel (one of the original twenty-six) that weighed 7 pounds one ounce, alive. Scientific breeding must be back of chicks that develop and lay in as short a space of time. In writing to us C. B. Suavely, the manager, says he is so busy on their new catalog that he would like to compare notes with anyone busier to see what he does while he (Mr. Suavely) is sleeping. Address Crystal Spring Farm, R. R. No. 5, East Lititz, Pa., for catalog, mentioning American Poultry Journal.

Geo. F. Buck, Port Clinton, Ohio, the well known breeder of S. C. Brown Leghorns, reports that he has some nice show and breeding cocks that he wishes to dispose of at reasonable prices.

One of our new advertisers, whose ad starts in this issue, is the Breznol Poultry Farm, R. R. No. 2, Plainfield, N. J. F. A. Fuller, owner of the plant, is a very enthusiastic breeder of Single Comb White Leghorns, and selected for his foundation stocks, one of our noted prize-winning strains that also had a reputation as excellent layers, and he has this year reared about 2,000 head of very fine S. C. W. Leghorns. He intends to retain all of the pullets for layers and breeders for next year, and he has culled down the flock of cockerels very closely leaving about 200 very fine specimens which he is now offering to our readers at about half the price many others would ask for them. If in need of White Leghorns, we suggest that you write to Mr. Fuller. His ad will be found elsewhere in this issue.

The fine specimens of White Orpingtons, exhibited by Louis Lee Haggin, owner of Russel Cave Poultry Yards, Lexington, Ky., have again demonstrated their superior qualities, by winning at the great Appalachian Exposition. 1-2-3-4-5 cock, 1-2-3 hens, 1-2-3 cockerels, 1-4-5 pullet, 1-3 pen. These remarkable winning right through all of the classes, including every first prize, in such a hot class of White Orpingtons as was shown at this exposition, demonstrated beyond question that the quality of the birds owned by Mr. Haggin is second to none in this country. Mr. Haggin reports his young stock maturing in fine shape and he is well prepared to furnish exhibition and breeding birds of the finest quality. His ad appears elsewhere in this issue.

W. C. Pierce, Indianapolis, Ind., the well-known poultry judge, has recently gone into the breeding of S. C. Rhode Island Reds on an extensive scale, having purchased the entire flock of S. C. Rhode Island Reds owned by C. N. Hanson, Portsmouth, Ohio. He expects to furnish the public with birds unequalled in quality. His winnings at his first show of these Reds at the recent Indiana State Fair were splendid and goes to prove the quality of his stock. Mr. Pierce is too well known among the poultrymen to need any further recommendation from us.

Aug. W. Schroeder, Chestnut, Ill., breeder of Silver Laced Wyandottes, made the following winnings at the late Illinois State Fair: 3d cock; 1st, 2d and 3d hen; 1st cockerel; 1st and 2d pullet. Mr. Schroeder is an old breeder of this variety and is producing some of the very best birds in the country. He is now offering some choice exhibition stock for sale at very reasonable prices, considering the quality. See his ad elsewhere in this issue.

W. Etzenperger, Willoughby, Ohio, is offering some extra choice White Orpington cock birds in his ad in this issue. These are the well known Kellerstrass strain and he is offering them at prices that should move them quickly. He also has some choice Rose and Single Comb Rhode Island Reds, both male and female, that he is offering at exceptionally low prices. Better write him at once for full information.

Le Roy W. Seigfried, Box A, Waterloo, N. Y., reports the following winnings at the late New York State Fair: On 10 entries of Silver Laced Wyandottes, he won 1st old pen, 1st young pen, 3d and 4th cock, 3d and 4th hen, 1st and 2d cockerel; 1st and 2d pullet. On Pekin ducks, 2d old drake, 1st and 3d old duck, 1st young drake, 2d young duck.

W. C. Pierce, Indianapolis, Ind., the well known judge and breeder of S. C. Rhode Island Reds, reports the following winnings at the late Nashville, Tenn., show: Five prizes, including silver cup for best cockerel in show, all birds competing, over 300 S. C. Reds in competition. See report of Illinois State Fair for his winnings at that show.

E. E. Wilson, Indianapolis, Ind., the well known breeder of S. C. B. Minorcas, reports the following winnings at the late Indiana State Fair: 1st and 2d cock; 1st, 2d and 3d hen; 1st and 2d cockerel; 1st, 2d and 3d pullet; 1st and 2d pen. Every bird he entered won a premium. At the late Illinois State Fair he won 1st cock, 1st and 2d hen, 2d cockerel, 1st and 2d pullet.

Chas. P. Clemens, Oakland City, Ind., breeder of Partridge Plymouth Rocks, made a grand winning at the late Illinois State Fair, as follows: 1st, 2d and 3d cock; 1st, 2d and 3d hen; 1st, 2d and 3d cockerel; 1st and 3d pullet; 1st, 2d, 3d pen.

Russell Farm White Wyandottes

Winners at Guelph, Toronto, Boston and Ottawa. This season at above shows they won seven first prizes out of a possible 16 competed for. For sale: Young and old stock of excellent quality. We guarantee to please or refund purchase price. Booking egg orders now. Write your wants.

Joseph Russell, Prop., 1308 Queen Street E, Toronto, Ont., Canada

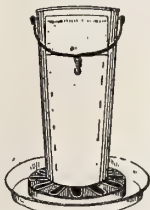
Our 1910

matings have produced us the finest specimens in our 12 years breeding of Barred Plymouth Rocks and S. C. Buff Leghorns

Fine breeding males, either variety \$3 and \$5 Females either variety \$1.50 to \$3.00.

Write us for show birds. We please you or return your money.

Gage & Huston :: Box X, Williamsport, Penna.



Jocoy's Poultry Feeder

Automatically feeds whole or ground grains. It feeds the smallest chick and the largest fowl. 12 fowl or 50 chicks, can feed at one time. It only requires a floor space of 12 inches. Fill the hopper at your leisure and the feeder will do the rest, and give the poultry a regulation feeding. Endorsed by state colleges. Agents wanted.

J. A. JOCOY - - - TOWANDA, PA

Buff ORPINGTONS Black

Choice young stock now ready to ship that will please the most painstaking breeder or may at once be returned at my expense. Describe your exact wants. Mention American Poultry Journal.

S. Luttrell : Route 1 : Waverly, Illinois

ONCE AGAIN LET US ASK---

Are You Getting all the Eggs You Would Like From Your Hens?

If not, the trouble is that you are not feeding them properly. Your hens are only machines and without food could not lay an egg. Accordingly it is the food they get that determines the number of eggs and it is scarcely an exaggeration that

THE PARK & POLLARD CO.



DRY-MASH

MAKES THEM

LAY OR BUST



Why? Because it is not a food cheaply prepared for the mere purpose of money making but the result of years of study and experimentation. It keeps the birds in the best of health and is in a class by itself as an egg producer. Naturally when eggs bring high prices they are hard to get and only the best food can be expected to produce them. Consequently it will pay you to start using this Dry-Mash immediately.

Order Some From Your Dealer

If he does not have it ask him to order some for you. Tell him we guarantee absolute satisfaction or money refunded, so there is no risk. If he will not do this, send us his name and we'll quote you prices direct.

At any rate, write today for our new illustrated book entitled "Poultry Truths," Worth \$1.00 but absolutely free.

THE PARK & POLLARD CO.

Manufacturers of the Best in Poultry Feeds and Supplies

General Offices and Salesrooms, 30 Canal St., BOSTON, MASS.

Mills at Swanton, Vermont and Waukegan, Illinois

White Wyandottes...

Crown Prince Strain. 1st hen, Chicago, Dec., 1909,
1st pullet, Chicago, Dec., 1909.
Geo. F. Schmidt : Martinsville, Indiana

S. C. BUFF ORPINGTONS

1909 show record unequalled by any breeder. 4 firsts,
Mo. state show; 4 firsts, Ill. state fair. Catalogue free.
L. H. Eldridge, Box A, Bradford, Illinois

White Ply. Rocks....

Best in Ohio. Send for handsome 1910 mating list.
Eggs from all yards now half price.
S. M. Dickinson, Box C, Granville, Ohio

Fluffy Ruffles Strain

Finest specimens of Barred Rocks ever produced. Cir-
cular free. A continuous record of winnings since 1894

Welleslea Farm Poul. Yds., C. H. Welles, Bx. A, Stratford, Conn

SINGLE COMB BLACK MINORCA COCKERELS

Two months old, \$1 each. Can contract for a few pul-
lets, two months old, delivered August 1, \$1 each. All
these from the best pens.

F. C. WING

South Side Poultry Farm : Wayland, Michigan

Buff Leghorns

Winners at New York, Orange, Red Bank and Ruth-
erford shows. Lamons old strain pure. Choice young
stock now ready to ship. Send for catalogue of my
winnings.

W. D. Campbell, R. F. D. No. 1, Bloomfield, New Jersey

ROSE COMB BROWN LEGHORNS

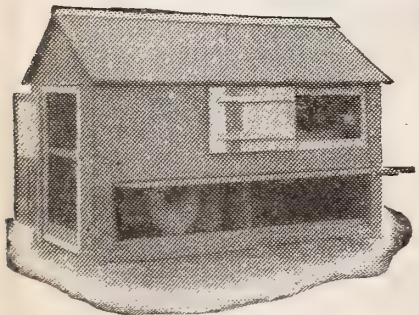
Ckls. bred from 1st, 1910, N. Y. chl. fit to win in any
competition. Also pedigreed pullet bred cockerels, and
properly mated pens.

B. A. Oakley, Brooklyn, Pennsylvania

S. C. R. I. REDS

Large size, good shape and color. Males,
\$3 and \$5; females, \$2 and \$3.

Elmer G. Dean, Morganville, N. J.

**Perfect Portable Poultry House**

Affords perfect laying conditions the year round for a
dozen hens. Ready built, durable, convenient, two-
story, arranged to give standard room inside. Put
together in twenty minutes with wrench furnished.
Price, complete with roosts, nests, trough and hopper
and with full instructions for care and feeding to pro-
duce eggs at seven cents per dozen, \$25.00, freight pre-
paid. Incubators, brooders, shipping coops, exhibition
coops. Send for descriptive circular.

THE OWEN COMPANY
South Street, Allegan, Michigan

SUNSWICK POULTRY FARMS, SO. PLAINFIELD, NEW JERSEY.

Where Single Comb Buff, Black and
White Orpingtons Are Bred in All
Their Purity—Also Blue and Buff
Orpington Ducks—Rufus Delafield,
Owner.

The Sunswick Farm is easily reached
from New York City by the Lehigh
Valley Railroad, getting off at the station
of South Plainfield, being only 26 miles
distant from the city.

This plant is certainly very well
equipped as a fancy poultry farm. Many
substantial and commodious buildings
necessary for the housing and rearing of
thousands of birds can be found here.
Young birds are reared on the colony
house plan and have the run of twenty-
six acres. Every attention is given to
the sanitary conditions, and the birds
were found in perfect health.

The whole plant was neat and clean,
and John Arnott, the manager, is an
Orpington expert, having been with Wil-
liam H. Cook in England, and came over
to this country with an importation of
birds (in 1907) (which was made by Mr.
Delafield). We were pleased to have
the opportunity to visit Sunswick Farm,
and see the Champion Sunswick strain of
Orpingtons, and we must say we were
not disappointed in the quality which we
found here. This farm has a long list of
winnings at our national shows, number-
ing over 300 prizes; at such shows as
Madison Square Garden, Boston, Cleve-
land, Allentown, Hagerstown, Baltimore
and Trenton, most of which are first
prizes and many of them being won at
New York and Boston during the past
four years. We saw here a White Or-
pington cock, "Champion" winner at Mad-
ison. This farm enjoys the distinction
of being the only Orpington farm that
has ever bred a White Orpington cock,
that has won first for two succeeding
years, at the great Madison Square Gar-
den show. Not only this, but he has
other undefeated records, having won first
for two succeeding years at the Boston
show, and also won first at Cleveland, O.
This champion has won five first prizes,
only being exhibited five times in three
of the best shows in the country. Any
one of the three above wonderful records
has never been equalled by any Orping-
ton breeder.

They not only have this one wonderful
bird, but they have many others equally
as wonderful, in each of the three vari-
eties of Orpingtons.

Sunswick has gone on the principle of
not advertising very extensively until
they had first produced the highest pos-
sible quality in large numbers. They
have been breeding many Madison Square
Garden winners for years and they now
feel that they have stamped the true Or-
pington type and correct color in each
variety of their flock. They have this
year raised a very large number of fine
specimens, and are now prepared to fill
orders for high class birds, in any num-
bers. The fine winnings which they have
been making in the keenest competition
during the past is known, and the quality
of the birds which they have been send-
ing out is known to those who are for-
tunate enough to have sent them in their
orders, but now that they have attained
the goal for which they were striving it
is their intention to branch out and pub-
lish the fact of their success to the poul-
try world.

There is now a great demand for Sun-
swick Orpingtons since the poultry public
has become aware of the wonderful qual-
ity to be obtained there. In proof of the
wonderful quality which they are breed-
ing we report their latest winning at Al-
lentown, September, 1910, which is in
Buffs, 1st and 3d hen, 5th cock, 3d and
5th cockerel, 2d pullet, 2d pen. Blacks—
1st and 2d cock, 1st and 2d hen, 2d and
3d cockerel, 1st, 4th and 5th pullet, 2d
pen. Challenge cup for the best black
cock which they have won for the second
time, and will now retain as the owner.
Whites—2d and 5th cock, 1st and 2d hen,
3d cockerel, 4th pullet, 2d pen. Gold
special for best white hen. Gold special
on white cock, special bronze medal for
best hen in show-room, all breeds com-
peting. This wonderful record, in keen
competition, such as there was at Allen-
town, has never been equalled by any
breeder of all three varieties of Orping-
tons. Their White Orpington, "Lady of the
Snows," won Gold special, for best White
Orpington hen in show, and for best hen,
all varieties competing. She is truly one
of the most wonderfully perfect speci-



The FAVORITE BAND
THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.

CHAS. L. STILES
24 Columbia Bld.
COLUMBUS, OHIO.

HANLON'S BUFF LEGHORNS AND BLACK ORPINGTONS

Produces the winners. A few extra
choice Black Orpington cockerels for
sale at prices to suit. Write for full
particulars.

Philip Hanlon, Jr., Watertown, New York

R. C. R. I. REDS

Cockerels \$2 to \$5 each

N. B. Lints, Route 3, Frankfort, N. Y.

E G G S

Our Mammoth Pekin Duck eggs, \$3, \$2.50 and \$1.50 per
11, or \$8 per 100. Orpingtons at \$3 per setting. Can fill
your orders for day-old S. C. W. Leghorn chicks at \$12.50
per 100 in any size lots.

C. C. Herron Hope, Indiana

FOR.. SALE The patentees and sole manu-
facturers of a valuable pat-
ented (two patents) device
in the poultry supply line, wishes to cor-
respond with reliable party who desires to
obtain a very profitable article that they
can manufacture and control by State or
for the entire country.

This article has been advertised in the
leading poultry publications during the
past two years and is at the present time
being shipped to all parts of the country.
The demand for it is unlimited and the
profits large. Other interests demanding
our time and capital compels us to sell.

Fulltest investigation is invited.

Address, "Patentees"
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Economy Beef Scrap

THE QUALITY KIND

Guaranteed Analysis 65% Protein

No matter what methods of feeding you em-
ploy or the kind of feed you are using, you can
only get the maximum results from your poul-
try by using Economy Beef Scrap. \$3.25
per hundred. Write for sample and
discount on quantity orders.

The Economy Meat Food Co.
155 Terrace Street, Buffalo, New York

EATON'S LIFE SAVER Little Chick Food

Trade Mark

For the first five or six weeks of
feeding. Does wonders for little
chicks. Lays the foundation
for strong, sturdy chicks, that
grow into early laying pullets.

Order from your dealer or
from us if he cannot supply you.
Write for full particulars from
R. D. Eaton Food & Grain Co.,
60 E. Main St., Norwich, N. Y.

mens it has ever been our pleasure to see, and as near perfection as it is possible to produce a bird, being a second Peggy. In fact, she looks very much like "Peggy," as you can readily see from her picture in their ad. This hen has a five-point comb, very good eye; is the ideal low-down Orpington type, with a full white, well-spread tail, with good white shanks and toes, and her plumage is absolutely white, being free from all creaminess, or ticking, in any section. You can see for yourself by her picture that she is the ideal Orpington type. She was the sensation of the Allentown show, and deservedly so, and Mr. Delafield can well be proud of her, for she is truly an ideal model white Orpington.

We also saw many other wonderful specimens among the White Orpingtons, and we think that the Sunswick birds will be heard from again this season in the show-room. The flock of Buffs we saw here is well worthy of special mention, for they are of a grand type; large bone and deep body birds, real Orpingtons in every section, and they have that beautiful light, even golden buff color, free from bronze and ticking in tails or any strong color of the wing bows. Most of them have absolutely sound buff wings and tails, and they run extremely



C. L. BUSCHMANN,
Indianapolis, Ind.

even in color throughout the flock, and are as fine as any one could wish to breed.

They have a fine and large flock of young Buff Orpingtons, being particularly strong in cockerels, and are prepared to supply many winners and breeders in this variety. The blacks are of equally good quality, being very large, short on the legs, broad, wide birds, up to and over weight, with that brilliant glossy green sheen which is so much admired by all Black Orpington breeders. Their young blacks are coming along nicely, and we found many fine specimens among them.

Then we must not forget to name the ducks, Orpington ducks, of course. Nothing but Orpingtons are permitted at Sunswick. They have these ducks in both buff and blue. We believe they were not only the first to import the blue ducks, but have the only flock of them today in America. They are of a good strong blue color, and are very pretty. Mr. Delafield informed us that the Orpington ducks, beat the Indian Runners, as layers, having proved their ability to do this in several Australian laying contests. This fact being true, they will surely become very popular.

C. W. Zimmer.

H. T. Marshall, Sheridan, Ill., breeder of S. C. R. I. Reds, reports young stock now ready for shipment. He produces Reds of exceptional quality. Better write him for prices.

Notice to Poultrymen!

GERMOZONE Means Health

KEEP the general health of your fowls good and you will have little trouble with the diseases usually so common during the winter months. Proper bowel action is important, and especially where fowls are on heavy feed. Germozone has unusual value as a bowel regulator. It tones the system and keeps the fowl in good condition. Give it to all fowls *twice a week* in the drinking water and by so doing *know* that you are providing for them the best health insurance possible. No other poultry medicine in the world is to-day so generally used as Germozone; none other is so certain and far-reaching in its good effects.

Either in tablet or liquid form. Price 50 cents.



To Get Eggs in Winter

you must furnish the kind of food that makes eggs. Lee's Egg Maker is endorsed by the best feeding authorities in the Union as being the most satisfactory form of meat food obtainable; clean, wholesome, and contains more digestible protein than any other. Other foods may contain more protein, but none other has so large a percentage of digestible protein, and *that's what makes eggs*. Large egg-producing plants buy it in ton lots. Begin now. Provide your hens the best food—Lee's.

25c and 50c Packages. 25 lb. Pail \$2.00.
100 lb. Drum \$7. Freight paid on 100 lb. lots.



Lee's Egg Maker

Read "Lee's Chicken Talks" and post up on poultry.
A wide-awake, practical book. A copy free.

GEO. H. LEE CO. 1101 Harney Street
OMAHA, NEB.

It Surely Does Hatch Chicks

THAT'S what you want an incubator to do. You don't care so much how it does it, just so it hatches the most "livable" chicks. That's exactly what you can be sure of when you buy a

Prairie State Incubator

A High Record Every Time

The Prairie State machines are made according to tried and true principles of incubation. No guesswork, no mere theory. They are constructed of the best materials and built with the one end in view of hatching "livable" chicks. Besides this, they are the most convenient and economical. Easy to handle, safe and certain of results. The most expert and prosperous breeders use and recommend *Prairie State Incubators and Brooders* because they have found them best. Read this letter from one of the leading poultrymen in the country:

"We consider the Prairie State machines so far ahead of any other make we have ever seen or operated that they are in a class by themselves."

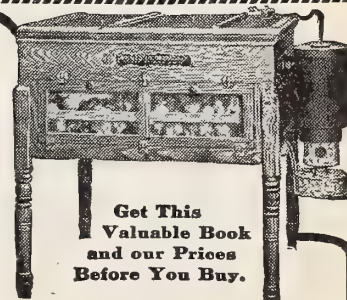
Roswell P. Crafts,
Maplewood Farm, Wilmington, Vt.

Send for our latest catalog. It is free Write for it today. A postal will do.

PRAIRIE STATE INCUBATOR COMPANY

468 Main Street

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Get This
Valuable Book
and our Prices
Before You Buy.

IRON RAT-PROOF VERMIN-PROOF COOP

All galvanized iron. Dry and warm. Protects chicks. Real help in breeding. Easily taken apart and stored. Write for free circular. **DES MOINES INCUBATOR CO., 244 Third Street, Des Moines, Iowa.**

Whitney's White Rocks

By their great winnings at Ontario, Guelph and International, Buffalo, have shown their quality and have proved themselves birds of highest merit. **C. J. WHITNEY, Galt, Ontario, Canada.**

1911 CONTRACTS FOR**BABY CHICKS**

We will hatch no more chicks this season. We are adding 50,000 capacity to our machines and are now taking contracts for 1911, delivered in lots of 500 and up. State what kinds you want and get our proposition. **The Co-Operative Breeding & Hatching Co., Box A, Tiro, Ohio**

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Best Editors, Best Articles, Finest Illustrations, Special Dept. is—turkeys, ducks, geese, diseases, questions answered, etc. Don't fail to see it. Sample copy and poultry book circular free. Send us a postal today.

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**A Valuable Poultry Book Free**

Filled with valuable information and tells you how to succeed. Thousands are now making big money raising poultry and our book tells you how to do it. We give it FREE to any one sending forty cents for a trial package of Egan's Peerless Poultry Powder, a guaranteed egg producer. This special offer is for a short time only, so send today.

THE EGAN POULTRY FOOD CO.
Jackson - - - Michigan

BANTAMS

The demand will increase with you as it has with me, if you breed quality and sell quality. There is still plenty of room at the top. If you want that little booklet of mine send 4 cents in stamps. **Cochins, R. C., Sebrights.**

Frederick G. Davis, Ben Avon, Pittsburgh, Pa.

I HAVE THE FINEST LOT OF BARRED AND WHITE ROCKS

in the state of Ohio. I won 30 prizes at shows last winter. Have choice birds from these winners for sale now from \$5 up

A. J. LAUNDON
CHEAPSIDE : : : ELYRIA, OHIO

Increase Winter Eggs 30% for 15c

A 1-Gallon Metal Fireless Poultry Fountain that will keep water warm in winter and cold in summer.

This Fountain is sanitary, saves 25% of your feed; easy to fill, and is made from material which any household has on hand. It may be purchased for 15c. Simple in construction. It will save you a few minutes after seeing our illustrated instructions. 25c. Circular Free.

The Fireless Poultry Fountain Co., Watertown, N. Y.

INTERNATIONAL CORRESPONDENCE SCHOOLS.

After the Allentown fair we paid a short visit to the International Correspondence Schools, Scranton, Pa., and were delightfully entertained by the genial Tom McGrew. Of course, everybody knows Tom; at least, everybody who has ever bred chickens for any length of time. Let me say that he is the most good-hearted, whole-souled man I know of, always pouring oil on the troubled waters, striving to bring about peace and harmony.

We do not know of any one better posted on poultry than Tom McGrew, who has for many years been a close student, and is always running down every theory regarding poultry matters, to see if there is any good in it. He has bred most everything, experimenting on color from a canary bird to Jersey cattle. All his life he has been studying the breeding, rearing and housing of fancy poultry, and he has accumulated as much knowledge as any one person on the subject. At the same time he has accumulated a library on poultry matters that is second to none. He has every known book on poultry, some dating back to 1713.

Mr. McGrew kindly took us up to the studio of Ed. Magargee, a bird and animal painter, who has been employed by the International Correspondence Schools to illustrate the course they are getting out on the breeding of standard-bred poultry for exhibition purposes. These paintings are all being done in oil, in true life colors, and will be exact reproductions in their books. The writer had the pleasure of being the first outsider to see Mr. Magargee's work. He had thirteen paintings completed and many sketches under way. To say we were surprised is putting it very mildly. We never saw such true life-like reproductions as those turned out by Mr. Magargee. They are not stiff inanimate objects, but true life-like birds. You would think that they could move, they look so real, and in no two pictures are the birds posed alike, and in every picture besides the male and female bird, there are other birds in the background, also of the same variety. Truly, this is to be a wonderful course, and with these handsome, realistic reproductions of all the varieties in their true colors, it will be by far the most valuable book ever published on poultry. The poultry public will soon have the pleasure of seeing pictures of all breeds as they really are. Mr. Magargee has painted all four varieties of the jungle fowl in natural colors, and this will show from what all our varieties originally came. These paintings are all made under the super-preciate the perfection attained until you see them yourself, and this you will soon have the opportunity to do. Certainly, every one interested in poultry will want a copy of this book in his library.

The standard of perfection does not begin to approach the illustrations in this work or in the knowledge which is given. Not only this, but Mr. McGrew tells you how to mate each and every variety, to produce the highest exhibition quality, describing double matings where they are necessary and revealing all the secrets known to the expert breeder of fancy poultry. Nothing is kept back. Certainly you will want this book.

Correspondence Instruction—The Advantages to be Derived from a Course By Correspondence.

The supreme advantage of Correspondence Instruction is that each student has an instructor who pays direct attention to his individual case. Correspondence teaching might be compared with having a tutor to coach the individual student in his lessons.

Many thousand students have been graduated from the International Correspondence Schools, of Scranton, Pa. Among these graduates are men and women who are now filling positions of high responsibility. Some have charge of the reconstruction work in San Francisco, others are doing bridge work across the Continent and drilling tunnels through the Rocky Mountains. Mining experts, civil engineers, railroad managers, architects, and electrical experts have been created as a result of having studied with the International Correspondence Schools.

Many do not understand their method of teaching. When a student is enrolled, Lesson Papers with answer papers are furnished. He studies the lesson and writes his answers to the questions and returns these answers to the schools. When received, they are carefully gone

BOTH FREE Complete, all metal, "Kon-Takt" Incubator and full size \$1 package Wilbur's Poultry Tonic. "Kon-Takt" hatches every fertile egg. Easy to operate. Great money-maker. Write for full particulars, how to get free.

Wilbur Stock Food Co., 763 Huron Street, Milwaukee, Wis.

LEMBKE'S**R. C. REDS**

Have for the past ten years won in America's greatest shows. Show stock or breeders for sale at reasonable prices. We have as good as the best.

Pleasant View Poul. Farm
Anna M. Lembke, Mgr. : Griswold, Iowa

Buff Wyandottes

Naegele's Strain. I am disposing of my breeders. An opportunity to get some good stock reasonable. 14 prizes at last show here. 1,100 eggs in Jan. and 1,341 in Feb. from 100 hens.

Frank Naegele : R. 2, Peoria, Ill.

REDS

THAT ARE RED :: RICKSECKER'S PERFECTION REDS

Show quality. Egg producers. Red to the skin. Blue ribbon winners in Colorado, Nebraska, Iowa, Kansas, Missouri and Oklahoma. Get right for 1910.

T. L. Ricksecker, Red Specialist
Office, 2835 S. W. Boulevard, Kansas City, Mo.
Farm, R. F. D. No. 5 C, Rosedale, Kan.

Ideal Aluminum**LEG BANDS for Poultry and Pigeons**

are the acknowledged leaders. Firmest and most secure lock. Guaranteed to stay on.

Price, post-paid, 12 for 15c; 25-25c; 50-40c; 100-75c. All

supply dealers sell them. Sample band and my price list mailed for 2c stamp.

Frank Myers, Mgr., Box 40, Freeport, Ill.

DUSTYNE**Exterminates Lice**

and keeps them from ever coming back—and all without effort or bother on your part. It is also just as good for

Mites And Other Vermin

Dustyne used on dropping boards will drive mites away to stay. It also absorbs the poisonous gases and

Keeps Houses Sanitary

and fresh. Chickens are delighted with Dustyne—they dust in it, scratch in it, live in it. It will not only rid you of all lice and mite troubles, but will keep all your

Fowls Clean and Healthy

Thus Dustyne not only frees you from a great deal of bother and work, but it puts your fowls in condition to bring you the biggest returns. Dustyne increases the laying power of chickens and

Doubles Your Profits

If your dealer does not handle Dustyne, send us his name and \$1.50 for 100 lb. trial order; freight paid east of Missouri River. If it does not do all we claim we will gladly return your money. Booklet and sample mailed free on request.

Poultry Dust Bath Co., Inc.
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over by expert instructors who correct all errors that may appear, grade his work carefully and report back to the student the percentage due the paper and the answers are returned to the student with corrections, if any, marked thereon. If a student fails to receive an average of 90 per cent or better the paper is withheld and the student is instructed, coached, and helped in his work until he understands fully the lesson paper and can correctly answer the questions before another lesson paper is sent him. Each individual is cared for in this way and no trouble is spared to have him fully understand the lessons.

Any question that may be asked by the students are answered by the Principal of the Division to which it belongs. Care is taken to have the student fully understand the lesson papers and, in addition to this, to have them fully satisfied on all points which they do not understand.

The Poultry Course.

The Poultry Farming Course, which is advertised in the columns of our paper, consists of a series of twenty-four lessons, the subject-matter of which is most complete. It teaches in three Lesson Papers how to build poultry houses of every kind, from the very smallest for Bantams, to the connected apartment house for many fowls. It teaches how to build houses for use in the coldest regions of the North and in the tropics as well. One paper is devoted to Equipment and Poultry-House Management. Poultry Feeding is taught in two Lesson Papers and they are the most complete of their kind that have ever been written. Natural Incubation and Natural Brooding are so well taught that no one should fail in the hatching of eggs and the brooding of the chicks with mother hens. Artificial Incubation and Brooding are well taught in two separate Lesson Papers.

The scope of these four Lesson Papers includes the method of obtaining the best possible hatchable eggs, of hatching a very large per cent of these eggs, and of rearing all or nearly all of the chicks. When we stop to consider that almost one-half of all the chicks that are hatched die before they are three weeks old, how much would it be worth to us all to have a Course of Instruction that would prevent this enormous loss.

Laying Hens, Market Eggs, and Market Poultry are considered in five Lesson Papers that embody every feature of poultry growing from the production of pullets to the production of a large number of fresh-laid eggs during the winter months, the best method of caring for laying hens and feeding them economically, yet in a manner that keeps them healthy and strong so that they may continue to produce many eggs. How to care for the eggs and to avoid the enormous waste that the United States Government has calculated comes to poultry growers from their not knowing how to care for their stock. The Government has placed this loss at more than sixty million dollars a year. How to avoid this is taught in the Lesson Papers.

Poultry Farming proper and how to run a Combination Plant are set forth in three Lesson Papers. Information relative to equipping and caring for a farm with many houses for laying hens is so well explained that anyone of average intelligence might equip one and conduct it properly after having studied the lessons. A Combination Plant includes poultry, squabs, fruit, bees, and summer and winter vegetables. This Lesson Paper alone might teach many how to establish a home near a town or city where they could make a living for themselves and family from having something to sell from the farm every day.

How to rid poultry houses of all their enemies, including insect vermin, animals and birds that destroy them, is well told in a paper devoted to this subject. How to rear turkeys, water fowl and squabs, including peafowls, guinea fowls, and pheasants is taught in four Lesson Papers devoted to them. Poultry Appliances of all kinds can be cheaply built as the result of having followed the teachings in a paper devoted to this subject. Diseases of poultry will be more fully treated than has ever before been attempted. The best informed pathologists and entomologists will lend their experience to the preparation of this paper.

The entire course has been written as the result of more than thirty years of varied and practical experience in all parts of the United States and other countries as well. Nothing has been omitted that can be embodied to advantage in such a course. T. F. McGrew, the author of the course and the principal of the School of Poultry Husbandry,

a branch of the International Correspondence Schools of Scranton, Pa., is so well known throughout the world that the mere mention of the fact that the course has been written by him and that he is at the head of the Instruction Department of this Division is a sufficient guarantee of the quality of the work. We

can, without hesitation, advise all who wish to succeed with poultry and who wish to avoid the losses that come to those who do not know how, to subscribe for and study the course. Full information can be obtained by writing to the International Correspondence Schools, Box 1004, Scranton, Pa.

"ENTERPRISE"

Meat and Food Chopper



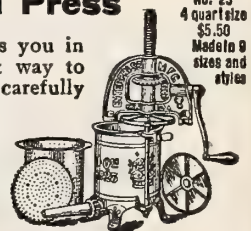
Turns scraps and left-overs into most savory dishes. The "Enterprise" is the only meat and food chopper that actually *cuts* the meat, fish, vegetables, fruits, etc., without crushing or mangling. The four-bladed steel knife revolving against a perforated steel plate does the actual *cutting*. The "Enterprise" has the fewest parts, is easily cleaned, cannot rust, and is practically unbreakable.

We make 45 sizes and styles of "Enterprise" Meat and Food Choppers—illustrated catalogue on request.

"ENTERPRISE"

Sausage Stuffer and Lard Press

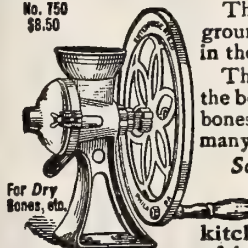
This machine will pay for itself in what it saves you in one butchering. The easiest, quickest, cheapest way to make the best sausage and lard. Strongly built, carefully and accurately fitted and does its work without a hitch. Our patented corrugated spout prevents air entering the casing, assuring perfect filling and preservation of the sausage. Can be changed into Lard or Fruit Press in a moment. Write for catalogue.



"ENTERPRISE"

Bone, Shell and Corn Mill

No. 750
\$8.50



This winter feed your hens on bone, shell and corn ground in an "Enterprise" mill and note the big increase in the egg supply.

The "Enterprise" is a splendid general, all-round mill—the best kind for the farmer and poultryman. It grinds *dry* bones, oyster and other shells, corn, etc. We also make many other household specialties. Write for free catalogue.

Sold at Hardware and General Stores Everywhere.

Write for "The Enterprising Housekeeper" a book containing 200 selected recipes and kitchen helps. Mailed to any address on receipt of 4c in stamps.

THE ENTERPRISE MFG. CO., Dept 26, Philadelphia, Pa.

POULTRY DISEASES And How to Prevent Them BY J. C. NUCKOLS

Thousands of young chicks die because

poultry-raisers lack the valuable information given in Mr. Nuckols' book on Poultry Diseases and their Prevention. As manufacturers of the celebrated ESSO Re-Carbonized (Twice-Burnt) CHICKEN CHARCOAL we have a personal interest in saving these young birds and will be glad to send a copy of this book postpaid on request to every poultry-fancier. There is no "string" attached to this offer—the book is as free as air to you.

You can also have a small sample package of ESSO Re-Carbonized CHARCOAL free for the asking. Or if you prefer a larger package, inclose seven cents in stamps to pay cost of mailing.

The S. Obermayer Company, 641 Evans Street, Cincinnati, O.

Poultry
Supply
Dealers:

You can greatly increase your sales of charcoal. We arrange, wherever possible, to deliver the free book and samples to poultry-raisers through a local dealer, to whom all inquiries are referred. Write for our liberal proposition to dealers.

IMPERIAL POULTRY FARM.....

S. C. BUFF, BLACK AND WHITE ORPINGTON cockerels; show birds; the real high quality.
Birds \$3 and up. No cheap stuff at any price.

Imperial Poultry Farm

Chas. C. Miller, Expert Poultry Judge, Prop.

Atlanta, Illinois

R. I. REDS—BOTH COMBS

At Ft. Wayne, Ind., January 1910, we won on Single Combs: 1st and 2nd cocks, 2nd, 3rd and 4th hens, 1st 2nd and 3rd cockerels, 1st, 2nd, 3rd and 4th pullets and 1st pen. On Rose Combs: 1st cockerel, 1st, 2nd, 3rd and 4th pullet and 1st pen. (No old stock shown.) Also Challenge Cup for best display (any breed or variety) in the show. A fine lot of young stock for sale on our liberal guarantee plan. :: ::

Longfield Poultry Farm

Box 321, Bluffton, Indiana

THREE TIMES WINNERS

Whitecrest farm, S. C. W. Leghorns and W. Wyandottes. Our birds won highest honors at the great Cleveland show, by winning the Silver Cup three years in succession 1908-1909-1910, for the best display of Leghorns. They have also won the blue at Detroit and many other shows. This proves their quality. This year they are better than ever. We can furnish you show birds and grand breeders at honest prices. Satisfaction guaranteed. Circular free which gives prices and show record.

H. C. & C. W. SIXT

Box 42, WEST PARK, OHIO

Ready For Shipment

Large hen hatched R. C. Red breeding cockerels, from famous egg producing dams, reared on free range and the survival of the fittest plan. Many from males that never throw single combs. Our birds win where ever shown. Prices \$3.00 to \$25.00. Satisfaction guaranteed or money back. 150 Acres.

Maywood Poultry Farm, Chas. C. Coulter, Prop.

Frankfort, Indiana

COLUMBIAN WYANDOTTES

Fine lot of well developed chicks ready for the Fall fairs, bred from winners at Boston, Providence, Brockton and Allentown, Pa. A few of this year's breeders left for sale. Prices right. Satisfaction or no sale.

Pine Grove Poultry Farm, William Hunt, Proprietor, No. Middleboro, Mass.

SILVERS

Two hundred fine young birds from our Chicago, Detroit, Grand Rapids and Jackson winners. Our birds just won all firsts at the Michigan State Fair. Send your order for a winner. :: ::

CLARE E. HOFFMAN

ALLEGAN, MICHIGAN

BARRED ROCKS**1000 Birds For Sale**

If you want to win at the winter shows
If you want birds for the breeding yard
If you want cocks, hens, cockerels or pullets of

HIGHEST QUALITY

write us. No better birds than ours are to be found anywhere. A poultryman who was sent out to look over our stock and plant reported as follows: "They have the finest bunch of cockerels I ever saw and you cannot speak too highly of them." That's what you will say too, if you see our stock. Let us tell you about them in our catalog. It's free for the asking. If you want to win at any show, tell us and we will fit you out. All birds shipped on approval. :: ::

Wm. H. Hoover, R. 2, Box 4, Polo, Ill.

"FACT AND ARGUMENT."

Behind every article possessing worth to humankind that is offered for sale, there is a reason why a certain portion of the public should buy it. Yet how many of the catalogues that come to our attention sincerely make an effort to find out the reason why its readers should buy and make that reason clear to those readers?

An excellent variation from the general rule is the catalogue entitled "Fact and Argument," which has just been issued by the Hall Mammoth Incubator Company, of Utica, N. Y. Here is found refreshing contrast to that kind of salesmanship talk characteristic of so much advertising literature, that keeps playing on the verb, "to buy," rather than on the reason why the reader should buy.

In "Facts and Argument" we find a very complete, although concise consideration of the entire subject of incubation. The principles that underlie natural incubation are explained with clearness and intelligence, and the ways by which these principles are applied to artificial incubation is shown by text and illustration. Any one not thoroughly conversant with the science of incubation can glean a deal of information from this booklet of that practical kind which he can apply right



in his own work with an incubator. The question of temperature and moisture is made clear and comprehensive. The chapter on this subject will alone be invaluable to every reader not now a "poultry expert."

But the intelligence and care that has been shown in the preparation of the copy is also revealed in the mechanical preparation. Large, clear type is used in the text, a joy to the man not able to read small type, and a pleasing feature to every reader. Excellent illustrations of views from many well-known poultry farms, as well as illustrations showing the simplicity of the Hall Equipments abound, and a handsome cover in brown gives a finish to one of the season's best catalogues. "Fact and Argument" is a fact and argument for the Hall Mammoth Incubators and Brooders in title and in truth.

Those of our readers who are interested in hatching and brooding on a large scale should write at once for this catalogue. It will be sent free on request, if you will mention this paper, by writing to the Hall Mammoth Incubator Company, Utica, New York.

J. N. Hazlett, Tarentum, Pa., reports having some excellent birds for fall and winter shows now ready to ship, in the following varieties: Cornish Indians, Houdans, Barred Plymouth Rocks, Single and Rose Comb Rhode Island Reds, Silver Laced Wyandottes. Mr. Hazlett has been an extensive exhibitor in the past and has won a great many premiums at all the leading shows throughout Pennsylvania. Prices and catalogues will be sent on application. Write him for what you want and mention American Poultry Journal.

George H. Rudy, Mattoon, Ill., the well-known White Wyandotte breeder, made almost a clean sweep at the late Illinois State Fair, winning 1st, 2d and 3d cock; 2d and 3d hen; 1st and 2d cockerel; 1st and 3d pullet, 1st and 3d pens. Don't fail to send for Mr. Rudy's new catalogue, which will tell you all about his winnings and full information in regard to his grand strain of White Wyandottes.

**CONNER'S AUTOMATIC FEEDER
AND EXERCISER.**

Inventors in this progressive age are busy inventing equipments for the poultry yards, intended for the comfort of the poultry as well as the convenience of the attendant. Among the most recent inventions for the poultry yard is the Automatic Feeder which, without a doubt, surpasses all other inventions. They not only are a great saving of time and feed, but can be relied on to faithfully care for your poultry of all descriptions, even to the smallest Bantam and growing chicks. These feeders are a necessity to every poultry plant, be it large or small. No breeder or farmer who keeps poultry can afford to be without one of these dry grain feeders, as they automatically scatter the feed and enable every fowl to get its share of feed and prevent the rats and sparrows from getting it. These feeders can be placed so that the grain will be scattered in litter, thus compelling the fowls to work for their food and keep them busy and out of mischief, as it is the idle fowl that acquires the habit of pulling feathers and eating eggs. Where these feeders are in use, the egg production is sure to increase, as the fowls are kept busy and happy from morn until night, and there is no danger of the hens becoming overfat.

The feeder fulfills a long felt want for a reliable contrivance for automatically feeding poultry. The machine consists of a hopper, which holds a plentiful supply of feed and is regulated by a disk on flat bottom of hopper. Under the hopper is a deflector, which scatters and evenly distributes the feed in every direction. Rods are connected with the disk which the hens while at work disturb and cause the feed to drop in small quantities at a time in the litter of the scratching pen, thereby keeping the fowls working for their supply of food, which is distributed evenly in all directions. This machine is made in several sizes, and is not only a great labor saving device, but is an immense saver of feed. It is impossible for a sparrow, rat or mouse to get any of the feed, and the saving from these pests alone pays for the feeder a dozen times over in each season. It is waterproof and perfectly dry no matter how hard it rains or how wet the surroundings, and dollars and dollars are saved in the feed bills.

The patentee will gladly send you a circular and give any further information you may desire. Address W. M. Conner, Jersey City, N. J.

It is gradually becoming recognized among poultrymen that perfectly pure charcoal is almost a specific for that dread disease, white diarrhea, which causes such enormous losses of young chicks every year. Realizing the value of absolutely pure charcoal as a disease preventive and having exceptional facilities for its proper manufacture, the S. Obermayer Company, with factories at Cincinnati, Chicago and Pittsburg, recently placed their "Esso" Recarbonized (twice-burnt) Chicken Charcoal on the market. Immediately after the first announcement of this improved product appeared in the poultry journals, thousands of poultrymen became interested and began the regular use of "Esso," thus undoubtedly saving the lives of a multitude of young chicks, as well as preventing disease among the older fowls. "Esso" Recarbonized Chicken Charcoal is neither a medicine nor a food. It is simply one of Nature's preventives for those ills which are annually playing havoc in poultry yards all over the country. The foremost authorities on poultry-raising agree that pure charcoal is as indispensable to the well-being of your flock as grain, grit or anything of the sort. You will find it advisable to keep a hopper full of "Esso" in the poultry yard at all times and let your birds eat as much of it as they want. By writing the Obermayer Company, at their Cincinnati office, you can have, free, a copy of J. C. Nuckols' valuable book, "Poultry Diseases and How to Prevent Them." You can also have a free sample of "Esso" Charcoal for the asking.

J. A. Rose, Scranton, Pa., the well known breeder of S. C. Rhode Island Reds, has accepted the nomination for the office of member of the executive committee of the Rhode Island Red Club of America and heads the list of nominees. Mr. Rose is well qualified to fill this position, as he is a thorough poultryman and up-to-date breeder of Reds, and members of the Rhode Island Red Club of America should certainly support him as a member of the executive committee.

Get out of the rut

Give your buildings the benefit of progress—same as you give the farm itself. Cover every building on the farm with Genasco Ready Roofing—the economical roofing that protects and lasts.

Genasco Ready Roofing

is made of Trinidad Lake asphalt—Nature's everlasting waterproofer. It prevents cracks, breaks, and leaks, and does away with damage and repairs. Easily applied without experienced help.

The Kant-leak Kleet does away entirely with cement and large-headed nails. Keeps seams absolutely watertight. Saves time in laying. Makes a beautiful finish. Ask for Genasco rolls with the Kleet packed in them.

Ask your dealer for Genasco. Mineral or smooth surface. Be sure you see the hemisphere trade mark. A written guarantee, if you want it. Gold medal (highest award) Seattle, 1909. Write for samples and the Good Roof Guide Book.

THE BARBER ASPHALT PAVING COMPANY

Largest producers of asphalt, and largest manufacturers of ready roofing in the world.

PHILADELPHIA

New York

San Francisco

Chicago



Cross-section, Genasco Stone-surface Ready-Roofing

**43 Varieties**

Poultry, squab breeders, fancy pigeons, ducks, geese, pea fowl, pheasants, wild game, dogs. Incubators, feed and supplies. Handsome catalogue containing 150 illustrations 2 cents.

Missouri Squab Co., Dept. R. St. Louis, Mo.

SILVER and COLUMBIAN WYANDOTTES

We have this season the finest birds we ever owned and we are offering Silvers, beautiful in clear, uniform open lacing, and Columbians, strong in color, clear laced hackles and tail coverts. Our birds have won highest honors at New York and Boston for the last eight years. If you are looking for something of the very best, I know we can furnish such and give as good value for your money as anyone. Visit or write to us before placing any orders.

J. F. VAN ALSTYNE

NIVERVILLE, NEW YORK

BARRED PLYMOUTH ROCKS**MADISON SQUARE WINNERS**

Some very fine cockerels out of Buffalo Queen, that will win in any competition. First come first served. Remember I please my customers or money back. Write me just what you want.

JONAS HAYNER

LIVINGSTON, NEW YORK

56 PRIZES ON BUFF, WHITE AND BLACK

ORPINGTONS

At Two Fall Shows

At the Poughkeepsie, N. Y. Fair, Sept., 1910, where a total of 3900 birds of all breeds was exhibited, we won 25 prizes out of a possible 30.

At the Brockton, Mass. Fair, Oct. 1910, usually conceded to be one of the two best if not the best of the fall shows, we won 31 prizes, including a grand special for best display of Orpingtons. This year's show was the largest ever held at Brockton. The total number of birds of all breeds on exhibition being nearly 5000.

We have the quality that will produce winners for any show. Eggs after January 1st. Day old chicks about March 1st.

Grannis Bros., R. F. D. 12, LaGrangeville, Dutchess County, New York

H. H. FIKE'S GREATEST STRAIN ON EARTH

WHITE WYANDOTTES

are better than ever this year. Cocks, hens, cockerels and pullets for breeders or show. 2000 birds to select from. My birds have won the leading prizes at the largest shows. 15 firsts at 4 shows, my record. My White Wyandottes are bred for layers. Bred in line 15 years.

H. H. Fike,

Phone 1064
Box 336

Libertyville, Ill.

"BLOOD RED STRAIN"

Single Comb Reds, winners wherever shown, from coast to coast.

J. A. Rose, Specialist

Scranton, Pennsylvania

Northup's Minorcas, Single and Rose Comb

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Cockerels and Pullets. Our Single Comb Black Minorcas have never lost a special for large size and have won more than 5000 prizes for our customers in strong competition. All true Rose Comb Black Minorcas were originated by Mr. George H. Northup and all large breeders of note received their start of these birds from this farm. We have Mr. Northup's pure foundation stock. Large catalogue free.

GEO. W. HEY

Successor to Geo. H. Northup & Son

Box 15

Raceville, Washington Co., N. Y.

TAKE NO CHANCES
USE ONLY HEAVY CHARGES



THE coming show season looks like it would be the hottest yet, and unless you are out with a gun loaded to the muzzle with quality you won't win. That is why you must consider Duston Quality. His

White Wyandottes

have been winning continuously since 1896 the World over. This last season stock sold made marvelous winnings. The point is this, you want to hit the blue. I can turn the trick for you. Fitting all high class show birds as I have done for past 14 years. I guess I know a little bit about it. Look what I did to "them" at New York for three consecutive years, and then: Proven breeders and young from them personally mated by me for best results. Say: Just send me 10 cents for my catalogue writing needs and let me make you a proposition.

Arthur G. Duston, Box 1020, So. Framingham, Massachusetts

N. B. Always at the head. Have bred White Wyandottes as a specialist longer than any breeder in the country. Gave the others a start, why not you?

Diseases of Poultry

BY

D. E. SALMON, D. V. M.

Chief of the United States Bureau of Animal Industry

Every poultryman should have this book in their poultry library. It contains 250 pages, and every disease to which fowls are subject is treated in a most thorough manner. The cause, symptoms and cure of each disease is put before the reader in such a manner as to be understood at a glance. With this book in hand you can be your own poultry doctor. Better order one now and not wait until your fowls become ill.

THE PRICE IS ONLY FIFTY CENTS

Will send this book and American Poultry Journal one year for only 75 cents. Send all orders to

American Poultry Journal Pub. Co.
358 DEARBORN STREET -- CHICAGO, ILLINOIS

SPECIAL REMOVAL SALE.

We were agreeably surprised to learn of the extensive business operations of the Goshen poultry Yards, Goshen, Ind., but after finding what business methods they employed it was readily seen that success was assured them in selling standard-bred poultry. It is their greatest aim to make a satisfied customer with every sale.

In the first place every bird that leaves their yards regardless of the price paid is sent subject to approval of the purchaser. Where requested a score card accompanies each bird when the value represented is \$2 or more and last, but not least, they always strive to give just a little better value than agreed to when giving description and prices. This is done in the face of the fact that they are offering stock at regular "live and let live prices."

Several photos of their new home are given in this number and, although their farm is equipped to winter over 2,000 birds, it will be impossible to accommodate nearly all their breeders and several thousand head of young stock now on free range and practically matured. It is their expectation to erect new buildings to accommodate at least 5,000 head of laying stock, but, on account of overcrowded conditions at the present time, they are inaugurating a special sale in which they offer over 3,000 early hatched cockerels and about 1,000 yearling hens. They breed Barred, Buff and White Rocks, White Wyandottes, S. C. Black Minorcas, S. and R. C. Reds, S. C. White and Brown Leghorns and S. C. Buff, Black and White Orpingtons. If in the market for stock of any of these varieties it will pay you to look up their advertisement in this issue or send direct for their Special Stock Sale Circular, which can be obtained by addressing Goshen Poultry Yards, Goshen, Ind.

A large number of visitors at the late Illinois State Fair were attracted to the exhibition of Niemann Bros. Mfg. Co., Mt. Olive, Ill., who manufacture portable brooding coops, trap-nests, setting coops and portable henneries. Their appliances are without doubt the best on the market for the use of poultry breeders who have only a limited amount of space to devote to the raising of fancy poultry. Their model brood coop is made of heavy galvanized iron and therefore is practically vermin proof and are lighter and more sanitary than wooden coops, and can be scalded and disinfected and put in a perfectly sanitary condition in a few minutes. The trap-nests manufactured by this firm are light and roomy and costs but little more than the common nests and are a simple and perfect working trap; nothing complicated to get out of order. This is also made of galvanized iron. Their colony coops for growing chicks insure large, suitable and more sanitary quarters for the young stock than any other colony coop on the market. They are easily cleaned, and are set 8 inches from the ground. This provides a fine, cool resting place for the chicks during the hot summer days, and at the same time it gives the coop a dry floor, preventing roup and other diseases. This coop is 3x6 feet and when crated weighs 165 pounds. It is therefore easily moved from one part of the farm to another, so that the stock can always have plenty of green food during the summer time. If you do not know anything about the goods manufactured by these people it would be well for you to write for their catalogue, which is sent free upon request.

Gage & Huston, Williamsport, Pa. breeder of Barred Rocks and S. C. Buff Leghorns, have remaining a few exceptional bargains in choice breeding birds. Those looking for quality stock in above varieties will be interested in their prices. Males, from \$3 to \$5 each, and females at \$1.50 each. This firm has for some years made a grand show record at Williamsport, Rochester, etc. On our trip South last spring we visited their yards and wrote them up in the A. P. J. We have found them reliable and careful breeders and do heartily recommend them to our readers.

F. W. Peters, 460 E. 18th St., Erie, Pa., breeder of White Rocks, informs us that he has 15 snow white Rock cockerels, early hatched birds weighing from six and a half to nine pounds, that he is offering for sale at very moderate prices. These are nice specimens, as Mr. Peters culls his flock early, and sells all inferior birds to the butcher. If in need of White Rocks you will do well to look up Mr. Peters' ad elsewhere in A. P. J.

CONFIDENCE IN OWEN FARMS— DOES THE PUBLIC HAVE IT, AND WHY?

The point which impressed me the most upon my recent visit to Owen Farms, was the confidence which the public have in this farm, and I will endeavor to tell you why they may well have this confidence. First, I will refer you to the reproduction shown herewith, of a blank check sent to Owen Farms by Mr. A. C. De Hass, New Orleans, La. This is indeed the highest testimonial of the confidence shown in Owen Farms that it is possible to give, when a man will send a blank check to them and instruct them to fill it out for whatever amount they see fit, in payment for stock which was desired. Let me say that this is only one of the many checks which Owen Farms have received. Can you conceive, my friend, of any higher degree of trust and confidence in any one

ing fancy poultry because he loves it, not because he has to; and Mr. Delano is no less interested than Mr. Owen. Certainly the Owen Farms have made a great success of the poultry business. Originally Mr. Owen started out to have a commercial poultry plant, and built extensive buildings with that end in view, and in one year produced something like 30,000 head of commercial poultry. But as he had the instincts of a genuine fancier in his heart, this business was not satisfactory to him, and he soon took up the fancy end, to the exclusion of the commercial business entirely, and now Owen Farms is the largest fancy poultry plant in the world. During the two days of our visit at Owen Farms, it gradually dawned upon us the secret of their success, and I will herewith give it to you, in one word. One word, which is a great, strong word, and simply means everything that leads to success.

"ENTHUSIASM!" Perhaps I appreciate

that nothing is too large or too great for you to accomplish. That you are ever ready to do anything and everything within your power to please and satisfy each and every customer, even though you may think he is in the wrong, and you have already done all that you should do. This is what enthusiasm means, and by having it yourself you instill it into those who are around you and are assisting you in your work, and this leads them on to greater effort and more careful consideration of every detail of the business. In fact it is the very keystone of success, and certainly we have yet to find a man who has more enthusiasm than Mr. Owen.

As we said before, both Mr. Owen and Mr. Delano each know every detail of the very large business which is being transacted at Owen Farms, and all shipments receive critical examination by one or the other of them before they are sent out. They make a specialty of preparing birds for exhibition and have a regular little



Pay to the order of

Queen Farms

New Orleans, La. Jan. 31st.

1900

\$

Dollars

TO COMMERCIAL-GERMANIA TRUST & SAVINGS BANK,
CANAL STREET BRANCH, MAISON BLANCHE BLDG.

NEW ORLEANS, LA.

A. C. De Hass,

than sending a blank check with instructions to the seller to fill it out for any amount that he wishes? Let me ask you a question. How many breeders are there that you know, that you would send a blank check to with these instructions? Another evidence of the great confidence which the public have in Owen Farms is the fact that they have doubled their business every year for the past four years. This is conclusive proof that they do deservedly enjoy the confidence of the poultry public. I shall endeavor to tell you why this confidence is well placed. In the first place, Owen Farms has unlimited financial backing behind it, and nothing is done without the sanction of Mr. Owen or Mr. Delano. Mr. Owen devotes his entire time to the business, giving even the smallest details his careful consideration; so to speak, he is heart and soul wrapped up in the business. He is breed-

ate more fully what this word "Enthusiasm" means, than the average individual, for the reason that I attribute to it whatever success A. P. J. may have attained, because I, like Mr. Owen, have an unlimited amount of enthusiasm. Mr. Owen is a many-sided man, and while he has banking and many other interests in the financial world, yet it is poultry with him, first, last and all the time. He eats poultry, sleeps poultry, and talks poultry. It envelopes and surrounds him, so great is his enthusiasm.

The word enthusiasm means that you have confidence in and honestly believe in your business. That you are willing to exert yourself even beyond your strength, to accomplish that which you have set out to do. That you have the highest ideals and a goal ahead, that you are striving for, and that no detail is too small, too insignificant, for your consideration, or

show-room of their own in their shipping room. Here birds are carefully washed and groomed, and such is the enthusiasm that not only Mr. Owen and Mr. Delano, but their other assistants here, see, in their minds, these birds in the show-room in which they are to go, with the ribbon hung up on their cages, and we are sure that they are very seldom disappointed when the time really comes.

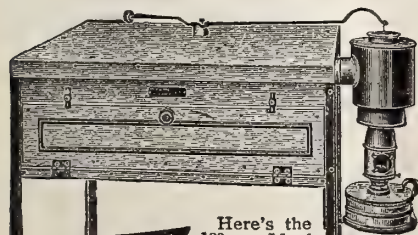
In the office we found Mr. Owen and Mr. Delano, both hard at work as their mail is very large, three stenographers being required to attend to the correspondence. Every letter has careful consideration at one or the other of these gentlemen's hands, and receives a prompt reply. But as Owen Farms is located on Martha's Vineyard Island, the mail is not received until late in the afternoon, and of course can be answered only the next day. We were surprised at the amount

BUFF ORPINGTONS

I won more firsts at the Great Chicago Show 1909, than any Buff Exhibitor. More prizes were mine at Indianapolis 1909, than all competitors combined. I furnish many of the winners at the larger shows, a very popular Strain. If you are ambitious to win, or improve your flock, better get your hands on a few. I condition free and guarantee to please. If I fail, birds are returnable.

A. E. MARTZ, Buff Orpington Specialist

ARCADIA, IND.



Here's the 120 egg Ideal sold for \$10 with the 120 Chick Ideal Brooder shown opposite. The biggest value ever offered. Write for my book first—see how they're made before you decide on any. Send me a postal now.

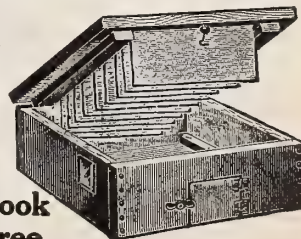
\$10 FOR BOTH— Freight Prepaid
120-Egg Ideal Incubator and 120-Chick Ideal Brooder

The record of the Ideal speaks for its quality. No other incubator has given such universal satisfaction among the experienced and inexperienced alike. And the price speaks for the greatest incubator and brooder value on the market. Ideal Incubators are made right—of the best materials; three thicknesses of wall and dead air space between; covered all over, top, bottom, sides and all, with 28-gauge galvanized iron. Perfect heating and ventilating system. Automatic regulating. This combination—at \$10—makes this offer

The Most You Can Get For Any Money

in this size. No higher quality anywhere at any price. I'll even pay the freight if you live east of the Missouri River and North of Tennessee. If you live beyond, or if you want larger size Ideals, write for delivered price to your R. R. station. Send me a postal now anyway for my big Free Book. Don't buy any incubator or brooder till you see what I offer. My big book is the best ever published on the subject of incubators, brooders and poultry. Write me now.

J. W. Miller—J. W. MILLER CO., Box 56, Freeport, Ill.



Book Free

S.C. RHODE ISLAND REDS

Blue Ribbon Strain—Eggs and stock at bargain prices. Pheasants—Will also spare a few settings of Ring Neck Pheasant eggs at \$2 per 15.

O. O. Hausch & Son, Perry, Ohio

Carter's Barred Rocks

Excelsior strain. Bargains in breeders and eggs. Extra values at \$6 to \$15 each. Some crackerjacks pullet bred.

T. J. Carter Box Z Jonesdale, Wis.

I BUY FEATHERS

Goose, Duck, Chicken, Turkey and Wild Bird.
Write for prices.

B. Schwartz, Box 888, New Haven, Conn.

HOUDANS

of quality, the great egg producers of America, and blue ribbon winners. Stock for sale.

Gregor Fischer -:- Box W-514, Elkhorn, Wisconsin

140-EGG INCUBATOR, \$7.55!!

Best ever made. Double walls, copper tank, self regulator, thermometer, egg tester, etc. All complete. Brooder \$4.50. Both \$11.50, freight prepaid. Book free.

Belle City Incubator Co., Box 27, Racine, Wis.

We Want Dealers

FOR THE SANITARY POULTRY SUPPLIES

BEST AND STRONGEST MADE—Drinking Fountains, Self-Feeding Boxes, Feed Pans, Incubator and Brooder Lamps, Chick Fountains and Feeders. Fountains with Heater for Winter use. We want you to get acquainted with the "Sanitary" line.

Atsatt Bros., 27 Pearl Street, Mattapoisett, Mass.

White Eggs WANTED

in any quantity. Best prices paid and no commission charged for strictly fresh eggs.

HARRIES & BENEDICT CO.
67 Barclay Street - - - New York City

WHITE ROCKS

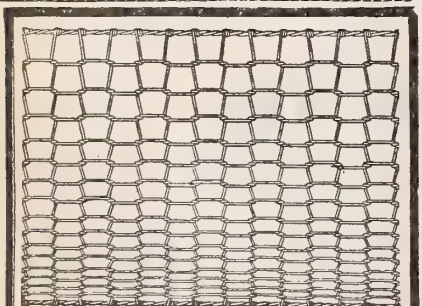
Some choice one and two year old hens for sale. Satisfaction guaranteed or money back. Write for prices.

W. N. Graham - - - Bradford, Illinois

FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free.

COILED SPRING FENCE CO.
Box 82 Winchester, Indiana.

**POULTRY FENCE**

28½ CENTS A ROD
for 48-inch; 31½¢ for 60-inch high fence

Above cuts show exact size of wires used in this fence. All wires heavily galvanized. Get our large free catalogue which prices 63 heights and styles of Poultry, Farm and Lawn Fence, Gates, Etc.

Box 295 KITSelman-BROTHERS, Muncie, Indiana.

of system which Mr. Owen has been able to incorporate into this poultry business. He is able, at a moment's notice, to tell you just how many cocks, hens, cockerels, pullets and pens, and how many eggs were shipped, and how many eggs were replaced because of poor hatches, and percentage of same in each variety which they bred, in any month of the year, and during the past several years. Not only this, but he can tell you how many cocks, vision of Mr. McGrew. You cannot apprehend, cockerels, pullets and eggs he is going to sell in any month, during the coming year; therefore he is able to figure and plan very closely, and can tell the men under him just how many eggs to set in any month in order to supply the demand that he is going to have for these birds six or eight months later.

Thus there is no reason for him to be overstocked, and because of this system Owen Farms is being run on a very economical basis, and the losses which often occur are hereby weeded out. They are in a better position to give you the best possible value for your money. It is always their aim to give you their full value, or even a little more, and they always stand ready to do anything within reason to satisfy each and every customer. All birds are shipped subject to examination, and may be returned if not satisfactory.

We will just say in closing that Owen Farm covers some 300 acres, and the many, many prizes which they have won at our largest shows during the past several years are too well known to need repetition here, but the many, many prizes which have been awarded to birds, shown by other customers, which have been bred at Owen Farms, are not known to our readers and never will be.

The soil is sandy and the situation is ideal for the production of the very best possible specimens, there being an abundance of shade everywhere. All birds used as breeders are removed from the breeding houses, and are placed in the woods in colony houses, during the molt, during which time all the houses are thoroughly cleaned, disinfected and white-washed before the birds are returned to them for the winter. This work was being done during our visit, and we can assure you it was well done. No diseased specimens were seen about the place.

We will not attempt in this article to tell you anything concerning the quality of the birds which we saw at Owen Farms. Suffice it to say, the old stock is coming through the molt in fine healthy condition, and will be able to repeat their many winnings all last year. And the young stock is to be found by the hundreds in each of the varieties which they breed—Buff, White and Black Orpingtons, White and Barred Rocks, White Wyandottes, single and rose comb R. I. Reds; but the quality of the stock which we saw there will certainly compare favorably with the best to be found anywhere.

We wish that each of our readers might be able to visit Owen Farms, that they could see and know these things for themselves. For our visit was a very pleasant one, also a very instructive one.

C. W. Zimmer.

THE "REGALS" WIN.

One of this season's notable winnings was made by John S. Martin, Port Dover, Ont., with his well-known "Regal" White Wyandottes at the New York State Fair here and in a class of 249 birds Mr. Martin won five first prizes and several minor ones; also silver cup for best display. Mr. Martin entered 60 birds, every one a gem and shown to best advantage. His first prize hen attracted special attention and without doubt was the show feature. Shape ideal, carriage and condition all that could be desired. Snow white color. Strong red eyes and beautiful head and comb. The five pullets shown were alike as could be, showing the same type, with extra size, with rich yellow legs.

To mention their points is simply to state "Regal" features. Mr. Martin reports having had a record season, and with 1,200 birds he is prepared to attend to all demands for stock. His catalog for the asking.

H. P. Schwab.

R. A. Hughes, Crete, Ill., one of the men who is helping to make the Black Langshans famous, won as follows at the late Illinois State Fair: 1st and 2d cock; 1st and 2d cockerel; 1st and 3d hen; 1st pen. Mr. Hughes has 500 head of stock for sale, which are of the grandest type of Langshans. See his large ad elsewhere in this issue.

S. C. BLACK ORPINGTONS AND COLUMBIAN WYANDOTTES

Layers and winners at Pittsburg and other leading shows. Stock for sale now and eggs in season. Write for prices. 1000 Island Poultry Yards, Ernest W. Slate, South Hammond, New York.

Old Trusty Incubator Book

200 pages—over 1200 pictures. Old Trusty sold direct; freight prepaid (east of Rockies) on 40, 60 or 90 days' trial. Write me a postal now.

M. M. JOHNSON, CLAY CENTER, NEB.

R. C. WHITE LEGHORNS

World's best strain. Winnings at Buffalo International Show, 1910, and Detroit, Jan., 1910. Stock for sale. Eggs in season.

John O. Lacey, 55 Beacon St., Detroit, Mich.

32 VARIETIES

of thoroughbred poultry that have the quality to win. I have most any variety you want. Write your wants.

W. S. Knox, 1906 South Avenue, Youngstown, Ohio

BOOKS

FOR SUMMER READING

Big variety standard fiction, educational, boys and girls. All given for just a few moments of your spare time. Do not cost a penny.

Send name and address for catalogue and big offer.

Reward Bureau, No. 25, Springfield, Mass.

DAVIS 1910 FIRELESS

BROODER. The BROODER that beats the hen, NOT a hot box or a sweat box. A BROODER with a DARK HOVER to sleep in. A Brooder with a LIGHT PLACE to exercise and eat in. The ONLY fireless Brooder built right side up—the ONLY one in which you can REGULATE THE HEAT—the only one in which the chicks DON'T SWEAT and in which you CANNOT OVERHEAT the chicks. Send for literature. The L. M. D. Co., Howard L. Davis President, New Egypt, in the center of New Jersey.

SMALLEY'S**WHITE WYANDOTTES**

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States. W. P. SMALLEY, SHAWNEE, OKLA. Sec'y Oklahoma Branch American Poultry Ass'n

KEMIFORM THE BEST CURE

For Roup, Cholera, Bowel Trouble, Chicken Pox, and Other Ailments

Don't delay until your flock is infected. Prevent dangerous diseases by placing Kemiform in all fowls' drink now and then. It is the best investment you can make if you expect to succeed with poultry. Mrs. D. A. Markely of Napoleon, Ohio, writes:—"I am using Kemiform with great results; it keeps my fowls healthy, and as a cure it is wonderful." One large box of tablets makes 30 gallons of agreeable Kemiform liquid. Sold under Money Back Guarantee. Price 50 cents postpaid, and 25 (numbered) Leg Bands FREE if you send names of two other poultry raisers. Trial package free. Agents wanted. Address

The Kemiform Co.

2451 St. Clair St., Cleveland, O.



SECURE MAXIMUM RESULTS.

The great big poultry raisers find it profitable to feed a mash once a day. It's a lot of bother and trouble, to make your own mash. You are always short one or two necessary ingredients. A prepared mash that is attracting considerable attention is Purina Chicken Chowder. It costs less than the mash you could make and is many times better.

The Ralston Purina Company makes mash for millions of hens and not only always has the right ingredients in the right variety, but always mixes them in the right proportion for the most eggs. Buying thousands of tons of grains and seeds every month at the lowest wholesale rates, they are able to furnish Purina Chicken Chowder Mash ready for use at a lower price than the poultry raiser can buy the ingredients themselves. Purina Chicken Chowder is used by the largest poultry raisers in the country because they have found that it produces better results and costs less money than home-made mixtures.

Purina Chicken Chowder is composed of meat scraps, mill products and green alfalfa meal. It is absolutely pure and clean and is proving to be wonderfully successful in making hens lay throughout the entire year. A very liberal introductory offer with a guarantee of more eggs or money back is given on another page of this issue, which should appeal to every poultry raiser who is interested in larger profits and more eggs.

Experienced poultrymen know that a faulty burner on an incubator or a brooder will cause the loss of much valuable time, and very often the loss of the machine and its contents. The money loss may be considerable, but the loss of time at the best season for hatching and brooding can hardly be computed. Such losses are rarely covered by insurance. Beware of faulty burners. No poultryman need be annoyed by inferior burners if he will only see that the name "Miller" is on the burner for



the incubator or brooder, or when buying a new burner. The house of Edward Miller & Co., Meriden, Conn., was established in 1844, therefore, the "Miller" burners have 66 years of experience back of them. Today, Edward Miller & Co. are supplying nearly all of the manufacturers of incubators and brooders with their burners, collars, etc. Many poultry supply houses and seedsmen also handle the "Miller" goods. Therefore, if you ask for the "Miller" burners the chances are you will get the genuine. "Protect your chicks" is the title of the little booklet which fully describes the brooder burner and chimney shown here. A postal request will bring it by return mail. Write today, mentioning this paper.

Onlya Farm, Morristown, N. J., breeders of White Wyandottes and Barred Plymouth Rocks, report the following winnings. On White Wyandottes at the late New York State Fair, 1st pen; on Barred Rocks, 1st and 2d cockerel, 1st cock. At Allentown, Pa., on White Wyandottes 2d pen, 3d cock, 2d hen, 3d cockerel, 4th pullet. On Barred Rocks, 4th cockerel. At Trenton, N. J., State Fair, on White Wyandottes, 1st and 3d cockerel, 5th hen, 5th pullet. On Barred Rocks, 5th cockerel. At Hagerstown, Md., on White Wyandottes 1st and 4th cockerel, 3d, 4th and 5th pullet, 3d pen. This is the first year of showing for these people and we consider this winning magnificent, as every bird showed by them has been raised on their farm. They still have a lot of good stock to dispose of in both Wyandottes and Rocks at prices that are very reasonable for the kind of birds they send out. Write them and mention American Poultry Journal.

Sheffield Farm, Glendale, Ohio, reports the following winnings at the late Illinois State Fair: on Partridge Wyandottes, 3d cock, 2d hen, 2d cockerel, 1st pen.

Don't Miss the Profits on Holiday Poultry

Prime Poultry is at a premium. The best birds bring the best prices. Pratts Poultry Regulator will make your birds plump, quick growing, healthy money-makers. Give it every day to turkeys, geese and fowls.

Pratts Poultry Regulator

is a wonderful tonic—a great aid to digestion and a powerful preventive of disease. It doubles the nourishing value of the feed, increases the weight and improves the flavor of your birds. Every pound pays—if it fails it costs you nothing. It is

Guaranteed or Money Back

Give it a trial this season at our risk. You will be more than satisfied, If it does not make good your dealer will refund your money.

25 lb. pail \$2.50, also in smaller packages and in 100 lb. bags.

Pratts Roup Cure, prevents as well as cures.

"Pratts POULTRY WRINKLES" is yours for a postal—worth a dollar.
PRATT FOOD CO., Dept. 1 Philadelphia, Pa.

Here's How I Look at this Poultry Business

It's not a gamble. My customers are having wonderful success. Some people have the knack of doing just the right thing at the right time. They are the successful ones. You can acquire the knack. You can learn to do the right thing at the right time by reading my book, every page a valuable lesson on poultry raising. I have seen it proved a thousand times. Try it yourself the Queen Incubator way.

I know as well as I know that I am living that a man, woman, boy or girl of fair intelligence can take my Poultry Guide and a Queen Incubator and Brooder and make money.

Proof? Yes, I'll put my machine against your time to prove it. But I want you to read my Poultry Guide and know something about the Queen Incubator way, to begin with. That is the only condition I require. The book gives you "the swing" of things, puts you in the spirit, tells you what to do, makes you go right. It's a great book. Over 3800 calls for it last month.

Send for it, read it and when you are ready I will send you a Queen (freight paid) for a long time trial—3 or 4 hatches, maybe longer. We will deal as man with man. I want you to prove that I am right about making a success with chickens and I am going to give you a chance to do it thoroughly.

Getting my book does not bind you to buy a Queen if you don't want it. Put your name and address on the slip below, cut it out and send it to me. Address

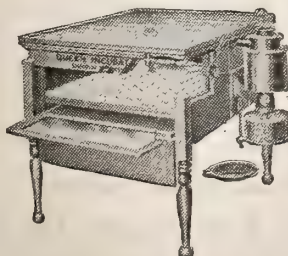
WICKSTRUM, Queen Incubator Man, Box 4, Lincoln, Neb.

WICKSTRUM, Box 4, Lincoln, Neb.

I will read the book, anyhow. See about trying a Queen later. Here's my name and address

Name

Address



ROSE COMB WHITE LEGHORNS

Do you want show birds that are large and matured stock for the early fairs and shows? We have some of the Blue Ribbon kind, ready to ship. Send for catalog.

Rocky River Poultry Co. : 58 The Oaks : Deerfield, Illinois

COLUMBIAN WYANDOTTES

Madison Square blue ribbon winners. At the great International Show, won three 1st, several specials. Choice breeders. Classy youngsters. Illustrated catalogue, free.

Poultry Dept. Hillhurst Farm, J. B. Casterline, Mgr. : Orchard Park, New York

S. C. AND R. C. REDS

The brilliant Dark Red kind that win the blue. Plenty of young stock of both combs now ready to ship. Exhibition specimens a matter of correspondence. Write today. Mention American Poultry Journal.

Oak Nest Farm, Chas. Shields, Owner, Hookstown, Beaver County, Penna.

RINGER BARRED ROCKS

Show and utility stock for sale, both in young and old. An especially fine lot of cockerels for fall and winter shows. Write for circular of record.

H. Burkholder - - - Clyde, Ohio



Andrews' White Wyandottes

Won FIRST, SECOND and SIXTH COCKEREL and FIRST PEN at BOS-SON, 1910. Have won first pen four successive years. Let me quote you prices on a winner or breeder. They are guaranteed to win for you.

J. W. Andrews Box J Dighton, Massachusetts

White Crested Black Polish THE FOWL OF BEAUTY AND UTILITY

At the late Springfield, Ill. State Fair, my birds won 1st cock, 1st hen, 2d and 3d cockerel, 1st and 3d pullet. Have some high class exhibition stock for sale, both old and young, that will win in any show. All birds shipped on approval. 30 years a breeder.

W. H. SNOOK - - - POLO, ILLINOIS

Barred, White and Buff Rocks, White Wyandottes, Buff Orpingtons, Bronze and Bourbon Red Turkeys, Ducks and Geese

GREAT SALE lasts about 5 or 6 weeks longer, $\frac{1}{2}$ to $\frac{1}{4}$ real value, as we must close out several hundred more birds before cold weather, as we cannot properly feed and care for so many. Fine new fall catalogue free.

GREAT WINNING—See writeup about my birds, as to what others say of my winning at the Illinois State Fair; the greatest fall show ever held in the midwest. Our birds have won at Madison Square Garden, New York, Chicago, and all the big shows. We sell them to you with a guarantee to win at shows or your money back. They have been bred for the greatest show qualities for 15 to 20 years and should win anywhere. We will sell them cheap if ordered in November, and can be delivered when you are ready for them.

WONDERFUL LAYERS—Five of our hens averaged 244 eggs in one year. Individual records higher. They have been bred to lay for years and will give you far better results than birds not line bred for great egg production for years. Our customers write us that they are great winter layers. Our surplus goes cheap during November. If not satisfactory money refunded.

TURKEYS—Bronze and Bourbon Red turkeys. We won our share of ribbons at the State Fair; our birds in past 2 years have won at Madison Square Garden, New York, Missouri State and other big shows; they go cheap. The 2nd cockerel at Illinois State Fair for sale cheap, others for December and January show better—will go cheap.

DUCKS AND GEES—Indian Runner and Pekin Ducks, Toulouse and Embden Geese. We have some fine ones and will sell them cheap.

WE PREPAY EXPRESS—Our fine new catalogue free, giving our winnings, experience and other valuable information. Tell us your exact wants when you write so we can give definite prices.

FIFTEEN Silver Cups free, given to 15 poultry shows whose members buy the most birds from us. Get your friends to buy from us and get one of the largest and finest of these cups for your show. Our catalogue tells about them.

F. Gage Cutler, R. F. D. 13, Carthage, Ill.

A NEW BOOK.

We recently received a copy of Mr. Ernest Kellerstrass' new poultry book, which is certainly a work of art, and is filled from cover to cover with instructive reading matter. This book contains 336 pages and cover, and tells how to make a success in the raising of pure-bred poultry. This book is just off the press and sells for \$1.00, and it is worth the price.

We recently called on the White Birch Poultry Farm, Bridgewater, Mass., breeders of S. C. and R. C. Reds, Rowen, Pekin and Indian Runner ducks, Mary B. Conant, proprietor; W. H. Withington, manager, and must say we were very much pleased with the large flock of both R. C. and S. C. Reds we saw there. The quality of the same is far above the average. It would be difficult to find a flock of any variety of equal size that run so true to the standard requirements. These birds are deep, brilliant, rich red color and show grand type throughout, many of them having exceptionally long backs. We handled specimen after specimen which were free from smut, the under color being rich red clear down to the skin. They also breed Rowen and Pekin ducks, and both the light and dark fawn-colored Indian Runner ducks in large numbers. We were not surprised the following week when we dropped in to the Brockton fair, which, by the way, was the quality exhibition for that section of the country, to find that of the 89 birds entered by the White Birch Poultry Farm



First Prize Cock-Bird at the Cleveland Show, Jan., 1910. Bred and owned by Frank Scheilang, R. R. No. 2, Erie, Pa.

77 of them had been placed under the ribbons, even in this strong competition. You will find their advertisement appearing elsewhere in this issue and we suggest that you write them before placing your order elsewhere.

The subject of roofing is one which calls for a great deal of attention from the man who is going to build. In selecting most articles you can tell from the looks of it which is best, and can select the one you think is most expedient to buy. But merely looking at a piece of roofing isn't enough; you can't tell any more about it by looking at it than you can judge a nut by looking at the shell. The true test for roofing is to see how it lasts after it has been on a building for several years. F. W. Bird & Son, of East Walpole, Mass., manufacturers of Bird Neponset products, make strong use of this argument in their advertisement of Paroid roofing. They say, "Our proposition is to point out a Neponset roof in your own neighborhood. See a time-tried roof instead of a little sample." These are something about an argument of this kind that rings true, and it will doubtless appeal to those who wish to select a roof that is sure to last. F. W. Bird & Son also make the Neponset waterproof building paper, and Neponset Florian sound deadening felt, which are sold under guarantees no less convincing than that of Paroid roofing. Their offer is to guarantee satisfaction or refund not only the cost of the roofing, but the cost of laying it. Needless to say they can make this offer with the assurance that it will never be necessary for them to redeem it.

GETTING EGGS IN WINTER.

Why don't hens lay in winter? "It's agin natur," says the old fashioned man or woman who "keeps" chickens. The poultryman who makes his chickens keep him, knows, however, that hens will lay in winter and lay regularly, if fed egg-making foods.

And, curiously enough, egg-making foods are cheapest of all. Cut green bone, the best of all, costs almost nothing, because your butcher will generally give you all you need. Even if green bone costs you five or ten cents, its food value for eggs is many times greater than grain, so that you actually reduce the poultry feeding cost.

The "trouble" of cutting green bone with such an easy machine as the Dandy Bone Cutter is no greater than preparing a mash. Any reader who is skeptical either of the egg-making value of green bone, or of the ease with which it is cut in a Dandy, may secure one of these cutters for free trial. In any event, every poultry feeder should write to the Stratton Mfg. Co., Box 17, Erie, Pa., for a copy of the Dandy Poultry Book. It is sent free to our readers.

H. C. and C. W. Sixt, West Park, Ohio, breeders of S. C. White Leghorns and White Wyandottes, reports some excellent stock in both varieties now ready for shipment. They make a specialty of producing show birds and have been winning many of the coveted prizes for a number of years past at many shows, including the great

Cleveland, Ohio, show. Among the many coveted prizes they won a handsome silver cup for the best display of Leghorns at Cleveland January, 1908, on an entry of 12 birds, 60 birds competing, also 1st, 3d cockerel, 2d, 3d pullet; 4th, 5th hen and 2d pen. Their birds proved their quality by winning the silver challenge cup twice in succession at Cleveland show, 1908 and 1909, for the best display of Leghorns, and this in two of the hottest classes of Leghorns that ever came together at Cleveland. This in addition to their previous winnings at Detroit and other shows, proves their superiority. Their Wyandottes are equally as good and they have the quality in either variety at a reasonable price. They guarantee all stock to be entirely as represented and is returnable if not satisfactory. Therefore, you will run no risk in placing your order with Messrs. H. C. and C. W. Sixt. For further information, we refer you to their ad, which appears elsewhere in this issue.

One of the successful breeders of S. C. White Leghorns is N. P. Easling, Pekin, Ill., proprietor of the Parkside Poultry Farm. Mr. Easling's business has developed to such an extent that he found it necessary to recently add 11 acres more ground to his place and to erect numerous poultry buildings. He now has six laying houses 16x100 feet, and altogether has a total of 40 buildings on his farm devoted to his S. C. White Leghorns, and now has a capacity of 10,000 birds and without doubt

has the most up-to-date poultry farm in the state of Illinois, devoted exclusively to one variety. If you are not acquainted with Mr. Easling you should be, as he has the faculty of making friends with everybody who becomes acquainted with him. Send for his large catalog today and become acquainted with the man who is doing so much for the S. C. White Leghorns in this part of the country.

Just as we are going to press we received information to the effect that the Cyphers Incubator Company has taken over the business and good will of the Boston Dry Food Hopper Co., Boston, Mass., and that these valuable and popular devices are now for sale at Cyphers Incubator Company's seven places of business, Chicago, Ill., Buffalo, N. Y., Boston, Mass., New York City, Kansas City, Mo., Oakland, Cal., and London, England, also by more than 1,000 agents who carry in stock goods of their manufacture. The Boston Food Hopper has played and will continue to play an important part in making the dry feed method of poultry feeding highly successful on economical grounds.

F. Gage Cutler, Carthage, Ill., won as follows at the late Illinois State Fair: On White Rocks, 1st, 2d and 3d cock; 2d hen; 2d and 3d cockerel; 2d and 3d pullet. On Barred Rocks, 2d cock; on Buff Rocks, 3d pullet; on Bronze Turkeys, 2d cockerel, 3d hen.



Make Your Hens Lay

When Eggs Are Worth Most

HENS relish juicy bugs and worms because these supply the protein feed they require to make eggs. The craving for meat and bone food—protein feed—is simply nature working out the egg-laying proclivity. Hens **must** have food rich in protein or egg-making elements, or it will be impossible for them to lay.

Our little book tells you all about the how and why of this. It makes you master of egg-getting. It's a book that opens up to you the real possibilities with poultry.

It's simply a matter of knowing what food to supply and how to prepare it. It is now established beyond all doubt that raw, green bone, with adhering meat and gristle, cut fine, is the ideal egg-producing food. Its cost is a mere trifle and its preparation is easy with a

Mann's Latest Model Bone Cutter

Sold On 10 Days' Free Trial—No Money Down

It turns easily and rapidly, cutting green bone, with adhering meat and gristle, wasting nothing.

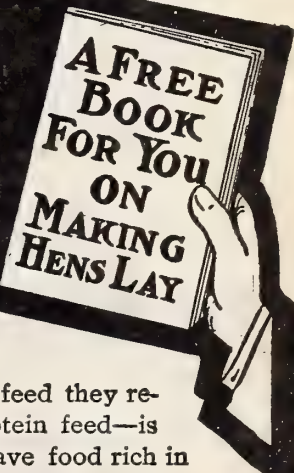
Its self-governing feed automatically adapts the cutting to your strength, so that anyone can use it.

Its open, hinged cylinder is easily cleaned, and it takes in large bones. It is strong, durable, and requires few repairs. We want you to try one.

We will send you a Mann's Latest Model Bone Cutter on 10 Days' Free Trial—no money down. If satisfied after the trial, buy it. If not, return it at our expense.

You want our good books, at any rate, send for them. We'll forward by return mail.

F. W. Mann Co., Box 56, Milford, Mass.



BARRED ROCKS

and Black Langshans, cockerels \$2 to \$5 each. Breeding pens at special prices. All bred from prize winning trap nest stock. Satisfaction guaranteed.

Tippett Bros. : : : Scales Mound, Ill.

PRIZE Reliable Incubators have won 648 prizes for performance and general quality in the last 18 years. We build the complete incubators in our own factory. Get the benefit of our 28 years' experience. Interesting incubator catalogue sent free. Write now, RELIABLE INCUBATOR & BROODER CO. : : : Box 61, QUINCY, ILL. **WINNER**

Poertner's "Wingold Strain" of Buff Orpingtons, Buff Wyandottes and Buff Rocks

Big husky cockerels and pullets that will win for you at the Winter shows now ready. All bred from Blue Ribbon winners at New York and Chicago. Square deal and reasonable prices.

F. A. Poertner, Route 6, Berea, Ohio

Cut Out Those Drones**THE WORLD'S BEST TRAP NEST**

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants. : : :

H. N. Hanchett, Jackson, Michigan

THE ORIGINAL BARRED**Cuckoo Wyandottes**

Choice young stock for sale at prices to suit. Eggs in season. Write your wants. Satisfaction guaranteed. : : :

E. L. Geisel, Prop., Originator, Morganville, New Jersey

BENZOIN VAPOR

cures colds and roup. Any number of fowls treated at one time. By using our Simplex Inhaler, you can reach every crack and crevice and kill every nit and mite in your coop. Write for circular. Price \$1.50 delivered.

Simplex Lamp Mfg. Co. - New York

Barred Rocks, Toulouse Geese, Bronze Turkeys & Pekin Ducks

Stock and eggs in season. Write for prices.

Gus A. Lengfelder, Route 9, Mt. Vernon, Ill.

R. C. REDS

Young stock now ready. Bred direct from "Gold Medal winners," and has rich RED color, and good type. No better anywhere. We can please you. Write for prices. : : :

Wauhara Cottage, 5731 Rosalee Ct., Chicago, Illinois

PERFECTION LEG BANDS	
PATENT PENDING	
Adjustable Double Lock	Adjustable Seal
12-15c 25-25c	12-20c 25-35c
50-35c 100-60c	50-60c 100-\$1.00
Prices Postpaid.	Samples for 2c stamp
ADDRESS CHAS. O. DEIST, OTTAWA, ILL.	

A UNIQUE EXPERIENCE.

We have it straight from a well known poultryman that the lice and mite question—for him at least—has been absolutely done away with. Last summer he visited the Dustyne experimental pens at Whiting, Ind., and to his great surprise found hundreds of birds that had never known what vermin of any sort are. From the incubators they had been put into hovers, the floors of which had been dusted with Dustyne. When they moved to the colony houses, Dustyne went with them. When they were old enough to use a dust bath, they had one of Dustyne. Upon the most careful examination, this poultry expert could not find even the least sign of vermin. Not only were the birds of every age absolutely free, but the whole place was, too. Moreover, this breeder, by the use of Dustyne, brought about exactly the same conditions on his own place—a thing he had regarded as impossible till he learned of Dustyne. And this man is only one of many of the biggest poultry raisers in the country who gladly admit that they have absolutely solved the vermin problem with Dustyne. You can learn the names of these men, just how they have brought about those wonderful results, and how you can do it, too, if you will write the Poultry Dust Bath Company of Whiting, Ind.

In another part of this issue we give an illustration of the new farm recently purchased by C. L. Buschmann, Indianapolis, Ind. This farm contains 239 acres of land and is located at Carmel, Ind., fourteen miles north of Indianapolis. All buildings, trees and creek are just as represented in the picture with the exception of the poultry houses in rear of the two barns. These houses are now in course of erection. This farm will be devoted to the raising of Rhode Island Reds exclusively, and they are planning to raise at least 5,000 chickens there the next year. Mr. Buschmann during the past few years has made an enviable record with his R. C. Reds at all the large shows at which he has exhibited and his winnings this fall at the State Fairs have never been equalled, to the best of our knowledge, by any Rhode Island Red breeder in the country. See his list of winnings elsewhere in this issue.

In addition to the number of birds that he has raised during the past year he has added the entire stock of R. C. Rhode Island Reds of C. N. Hanson, Portsmouth, Ohio, having purchased the entire stock, together with his records, good will, etc. The addition of this stock to his already large flock will put Mr. Buschmann in the front ranks of breeders of this variety of fowl in the United States. Send for one of his handsome catalogues and get better acquainted with Mr. Buschmann.

White Leghorn Poultry Farm, Pekin, Ill., begins their advertising campaign this month. This firm comes to us very highly recommended and our representative who visited them recently reports that they have S. C. White Leghorns of exceptional quality. They have gone into the business on an extensive scale and aim to have one of the best equipped poultry farms in the state. Their young stock have unlimited range which insures vigor and health. They are in a position to supply exhibition stock or breeders. Write them for prices.

Midlothian Farms, Tinley Park, Ill., is one of the largest poultry farms in the state of Illinois, and is under the direct management of John G. Poorman, an expert poultryman, who is building up a magnificent plant. They recently decided to devote this plant, which consists of 110 acres, to the breeding of Rose and Single Comb Rhode Island Reds, exclusively, and are therefore making a sacrifice sale of all their Barred Rocks, White Rocks, Buff Orpingtons, White Orpingtons and White Wyandottes. This is a grand opportunity for buyers to get some choice birds at low prices. Better write them at once and get first choice.

The poultry exhibit at the Tri-State Fair in Ft. Wayne in September last was the largest and most complete in the history of fairs in Ft. Wayne. H. F. Kennerk, exclusive breeder of the Red Raven strain of single Comb Rhode Island Reds, won 1st cock, 1st pullet, 1st, 2d, 3d and 4th hen in very strong competition. His exhibit attracted a great deal of attention. Mr. Kennerk has more than 500 young birds coming on and can supply your wants.



BABY CHICKS. Buy Day-Old chicks, Cooley Chicks. I can supply you with strong, sturdy, healthy, growing White Leghorn and Barred Rock day-old chicks from prize winning stock. Fastest growers. Avoid the risk—let me hatch your chicks. Safe arrival assured. Exhibited Madison Square Garden, N. Y., 1908-09-10. Send for Booklet A. Elden E. Cooley, Frenchtown, N. J.

White Ply. Rocks

A few of my choice breeders for sale now at prices that will move them quick.

Wm. C. Eagley, No. Girard, Pa.

Bennett's Red Pyle Exhibition Games

won at Madison Square, Pittsburgh and Buffalo. Some of the best Pyles in America. Eggs, \$5 per 15.

Henry Bennett : : : Brown, West Virginia

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Black Minorcas, S. and R. O. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale.

A. Didriksen : : : Whitewater, Wisconsin

S. C. Br. Leghorns : S. C. R. I. Reds

Prize winning strains. Eggs \$2 per setting

Herman & Haag Massillon, Ohio

BUFF ORPINGTONS

Eggs and stock sired by a son of a Madison Square Garden winner. Prize winning W. H. Turkeys.

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A GOOD TRAP NEST made in a few minutes; very simple and reliable. Complete printed instructions for making your own trap nest, only 10 cents.

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R. C. Black Minorcas

Black Cochin Bantams

By October 1st will have on hand 250 youngsters fit for the strongest competition, bred from my noted prize-winners. Book your orders now. Have still a few copies of my illustrated catalog on hand.

Dr. J. N. MacRae, Galt, Ont., Canada

R. C. R. I. REDS

Eggs from prize winning farm raised birds, \$2 and \$5 per 15. Choice breeding stock. Females \$2 each. Males, \$5 to \$10 each. Scotch collies from best imported stock. Grown dogs and puppies.

W. A. Winter, Box 125, Red Bank, New Jersey

Important Correction

IN the October issue of the American Poultry Journal, there appeared a two-page advertisement of the Buckeye Incubator Company, in which a statement was made "Over 150,000 in Successful Operation." It will be noted from the comma that another cypher was intended. It should read, "Over 150,000 in Successful Operation." We call the attention of our readers to this correction, and also their two-page advertisement in the November issue.

—The Editor

Poultry Show Dates, 1910-11

- 1910.
- Nov. 5-10—Phoenix, Ariz. C. E. Conner, secretary, R. F. D. 1.
 Nov. 7-9—Pleasant Hill, Mo. C. H. Rhodes, judge; J. P. Farmer, secretary.
 Nov. 7-12—Augusta, Ga. Wittman, Simmons and Ewald, judges; H. W. Cameron, sec'y.
 Nov. 8-11—Braymer, Mo. Hobbs, judge; R. F. Nickels, secretary.
 Nov. 9-12—Mexico, Mo. Branch, judge; W. S. Eller, secretary.
 Nov. 9-12—Carthage, Mo. C. H. Rhodes, judge; E. C. Williams, secretary.
 Nov. 10-12—Paragould, Ark. H. M. Jackson, secretary.
 Nov. 14-19—Little Rock, Ark. Emry and Rhodes, judges; C. B. Maxwell, secretary, care of Mercantile Trust.
 Nov. 14-19—Greenfield, Ill. Phil Feil, judge; Miss Carrie Allen, secretary.
 Nov. 15-17—Front Royal, Va. W. Theo. Wittman, judge; M. C. Richardson, Jr., secretary.
 Nov. 15-18—Cheshire, Conn. Card, judge; E. H. Williams, secretary, Box 185.
 Nov. 16-19—Packwood, Ia. Russell, judge; G. A. Spielman, secretary.
 Nov. 16-19—Trenton, Mo. C. H. Rhodes, judge; V. O. Hobbs, secretary.
 Nov. 17-19—Roscoe, Tex. C. P. Van Winkle, judge; J. M. Wallace, secretary.
 Nov. 18-24—New York City. Weed, Davey, Atherton, Welles, Card, Cleveland, Ewald, Punderford, Cutting, Young, Fitch, Glasgow, Josehans and Ellard, judges; Robert Seaman, manager, Jericho, N. Y.
 Nov. 21-24—Camp Point, Ill. Heimlich, judge; C. Donald Gay, secretary.
 Nov. 21-25—Farnia, Ill. Shellbarger, judge; Oscar Wells, secretary.
 Nov. 21-25—Du Quoin, Ill. G. A. Yehling, secretary.
 Nov. 21-26—Dallastown, Pa. W. G. Minnich, H. S. Holse, judges; Jacob Eberly, secretary.
 Nov. 21-26—St. Louis, Mo. Rigg, Campbell, Hettich and Ewald, judges; M. M. Anderson, assistant secretary.
 Nov. 21-26—Beaumont, Tex. Northup, judge; J. L. McKinley, secretary, 1228 Harrison St.
 Nov. 21-26—East Orange, N. J. George Eckel, secretary, 46 Washington Terrace.
 Nov. 21-26—DuQuoin, Ill. E. G. Teaney, secretary.
 Nov. 22-24—Honey Grove, Tex. M. S. Fite, judge; A. S. Galbraith, secretary, Box 180.
 Nov. 22-24—Fayette, Mo. E. C. Branch, judge; W. S. Robinson, secretary.
 Nov. 22-25—Vandalia, Mo. Stoddard, judge; J. A. B. Keith, secretary.
 Nov. 22-25—Dalton, Ga. Loring Brown, judge; W. R. Davis, secretary.
 Nov. 22-25—Keyser, W. Va. B. J. Hill, judge; C. E. Everhart, secretary.
 Nov. 22-26—Hornell, N. Y. F. W. Corey, judge; L. O. Thompson, secretary.
 Nov. 22-26—Mohnton, Pa. Webb and Jane Broster, judges; J. H. Fuhthow, secretary.
 Nov. 22-26—Bellingham, Wash. Dixon and Coats, judges; Lloyd Hildebrand, secretary, 2110 D St.
 Nov. 22-26—Mt. Carmel, Pa. Eberly, judge; Thomas F. Owens, secretary, 224 E. 7th St.
 Nov. 22-26—Peekskill, N. Y. Drevenstedt and Davey, judges; G. A. Aschenbrenner, secretary, 1514 Main St.
 Nov. 22-26—Davenport, Ia. Russell and McCord, judges; H. A. S. Kelley, secretary, 738 E. 15th St.
 Nov. 22-26—Marion, O. Bean, judge; M. G. Dickerson, secretary.
 Nov. 22-26—Mohnton, Pa. J. H. Fichtorn, secretary.
 Nov. 22-27—Dover, N. J. W. H. Bidgood, secretary.
 Nov. 22-27—Oakland, Cal. Stanfield, judge; E. K. Healy, secretary, 2214 San Jose Ave., Alameda, Cal.
 Nov. 23-25—Adams, Neb. E. W. Campbell, secretary.
 Nov. 23-26—Butler, Ind. Eug. Sites, judge; D. D. Melroy, secretary.
 Nov. 23-26—Galveston, Tex. G. M. Knebel, judge; A. Branch Norman, secretary.
 Nov. 23-26—Bethlehem, Pa. Wm. C. Denny, judge; H. J. Schneller, secretary.
 Nov. 23-26—Bridgeton, N. J. Stanton, Huyler and Wolsieffer, judges; Paul G. Springer, secretary, R. D. 4.
 Nov. 23-26—Somerset, Pa. McClave, judge; A. D. Shaffer, secretary.
 Nov. 24-28—Quincy, Ill. W. S. Russell, judge; C. D. Tillson, secretary.
 Nov. 28-30—New Virginia, Ia. Shaner, judge; L. E. Wilson, secretary.
 Nov. 28-Dec. 3—Lake Charles, La. Davis, judge; H. K. Ramsey, secretary.
 Nov. 28-Dec. 3—Belle Plaine, Ia. Holden, judge; E. M. Ewen, secretary-treasurer.
 Nov. 28-Dec. 2—West Haven, Conn. Drevenstedt, Card and Wells, judges; W. J. Maher, secretary.
 Nov. 29-Dec. 2—Gastonia, N. C. Marshall, judge; S. S. Morris, secretary-treasurer.
 Nov. 29-Dec. 2—Cleburne, Tex. Savage, judge; G. E. Sears, secretary.
 Nov. 29-Dec. 3—Kansas City, Mo. Russell, Oke, Rhodes, Heimlich, Hale, Thompson, Southard, Roberts, Palmer, Pickett and Ewald, judges; T. E. Quisenberry, secretary, Columbia, Mo.
 Nov. 30-Dec. 3—Centerville, Iowa. W. S. Russell, judge; Lincoln Knapp, secretary.
 Nov. 30-Dec. 3—Paterson, N. J. Drevenstadt, Davy, Stanton, Nixon & Anderson, judges; L. Thonnericux, secretary.
 Nov. 30-Dec. 3—Taylorsville, Ill. Pierce, judge; Mrs. Laura B. Evans, secretary.
 Nov. 30-Dec. 3—Williamsport, Pa. Schwab and Wittman, judges; James T. Huston, sec'y.
 Nov. 30-Dec. 3—Wornelsdorf, Pa. F. H. Davey, judge; Charles D. Lembach, secretary.
 Dec. 1-3—Glen Rock, Pa. Hoke and Eberly, judges; Allen M. Seitz, secretary, R. R. 2, New Freedom, Pa.
 Dec. 1-3—Vineland, N. J. G. E. Smith, secretary.
 Dec. 1-4—Hamilton, Ohio. W. W. Zike, judge; J. E. Humbach, secretary.
 Dec. 1-4—Arlington, Tex. Davis, judge; W. T. Thurman, secretary.
 Dec. 5-8—Whitesville, Mo. Branch, judge; J. F. Case, secretary.
 Dec. 5-8—Donnellson, Ia. Cooley, judge; H. G. Kirchner, secretary, R. R. 4.
 Dec. 5-9—Gnadenhatten, O. Falkner, judge; W. O. Lyle, secretary.
 Dec. 5-10—Ashtabula, O. Kummer, judge; E. R. McCune, secretary.
 Dec. 5-10—Mansfield, O. Lane, judge; Sherman Bowden, secretary.
 Dec. 5-10—Dowagiac, Mich. Keeler, judge; A. C. Robison, secretary.
 Dec. 5-10—Morristown, N. J. Stanton, Heller and Nixon, judges; Lloyd B. Tredway, secretary, Chester, N. J.
 Dec. 5-10—Portland, Ore. Collier and Coates, judges; J. C. Murray, secretary, 1005 E. 14th St. North.
 Dec. 5-10—Newton, Kan. M. S. Fite and D. A. Stoner, judges; E. D. Martin, secretary.
 Dec. 6-8—Milford, Mass. W. H. Pyne, secretary.
 Dec. 6-8—Bellows Falls, Vt. I. K. Felch, judge; A. T. Pierce, secretary.

Victory for Bleakley's Buff Rocks

At America's greatest show. Send for my free catalogue which explains all. **J. J. Bleakley**, R. 3, Box B, Abilene, Kansas, Life Member A. P. A. State Vice president Buff Rock Club.

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashtabula, Ohio.



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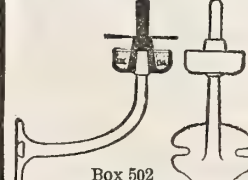
Milk Fever Outfits, Dehorners, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04; Chicago, '93. Illustrated cat. free. **Haussmann & Dunn Co.**, 392 S. Clark, Chicago

MISHLER'S

R. C. Black Minorcas

Won every first prize at Chicago, 1909. The leading breeders in America are our customers. Why not start even with them and get the best? Write me your wants in show or breeding stock before all are sold.

Lloyd C. Mishler, R. 1, North Manchester, Ind.



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Best on the market

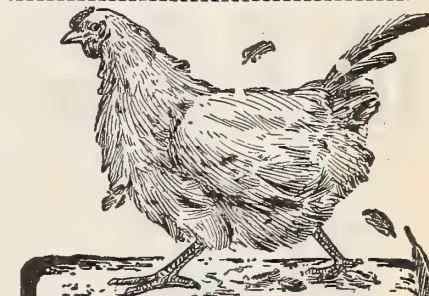
25c pair, \$1.40 doz.

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The Potter Mfg. Co.

Sound Beach, Conn.

Box 502



A Moulting Hen Needs a Tonic

Shorten the non-productive moulting period—hasten the return of normal vigor in the hen, and be ready to reap a harvest while the rest of "hensdom" are still shedding feathers. A daily use of **Dr. Hess Poultry Pan-a-ce-a** will help you do it. It is a perfect aid to digestion and causes the maximum amount of food to be assimilated and hens to become profitable layers throughout the winter.

DR. HESS Poultry PAN-A-CE-A

is a scientific tonic, the prescription of Dr. Hess (M. D., D. V. S.) and the result of experiments conducted by him in his own poultry yards. It contains just the elements to make the hen in confinement as natural as she would be at liberty. It cures gapes, cholera, roup, indigestion, etc. Poultry Pan-a-ce-a has the endorsement of leading poultry associations in United States and Canada. Costs but a penny a day for 30 hens, and is sold on a written guarantee.

11-12 lbs. 25c., mail or express 40c.
 5 lbs. 60c.
 12 lbs. \$1.25.
 25 lb. pail, \$2.50.

Send 2 cents for Dr. Hess 48-page Poultry Book, free.

DR. HESS & CLARK,
 Ashland, Ohio.
 Instant Louso Killer Kills Lice

Empire Poultry Association

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4th Annual Show, Nov. 18-24, 1910, at
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Will be conducted on advanced methods : The world's best judges : 3200
 sq. ft. of floor space : We pay our premiums before the close of show

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MORE EGGS

More eggs this Fall and Winter if you adopt my new poultry and egg method. Two years ago I discovered and perfected the most successful and profitable poultry method known. The secret of how to make one hundred hens lay eighty eggs a day. Sent on FREE TRIAL, guaranteed to make the hens lay before you pay. **MRS. L. ALLEY, Box A New Madrid, Mo.**

NET \$500.00 TO \$1000.00 PER ACRE
IN MANATEE FLORIDA

Growing Oranges, Grapefruit, Vegetables.

Thousands of satisfied settlers are making **INDEPENDENT FORTUNES**

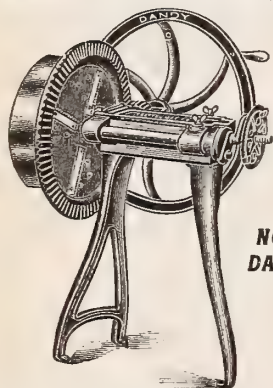
You are offered the same opportunity. Buy a few acres now while the land is cheap—prices are advancing. Quick transportation to the best Eastern and Northern Markets via the S. A. L. Ry. Ideal climate year round—no freezes, no extreme heat—abundance of pure water—plenty of satisfactory labor.

It's America's Fruit and Garden Market.

An instructive booklet fully describing this country will be sent free.

J. W. WHITE, Gen'l Industrial Agt.
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NORFOLK, VA.

TRY IT AT OUR EXPENSE



**NO. 9
DANDY**

Try a "DANDY" Green Bone Cutter for 15 days at our Expense.

Know what a good, cheap feed it will prepare for you.

We make the "Dandy" in several sizes, suitable for the man with a dozen hens as well as the man with a thousand fowls. We can fit your needs at a price you can afford to pay.

GREEN BONE is a money-making feed that practically costs the poultryman nothing. With a "DANDY," he prepares it himself from scraps that would otherwise be wasted.

Green Bone furnishes in greater measure than any other available poultry food, the elements necessary to keep poultry egg-producing. It supplies flesh and muscle-making nutriment, keeping the fowl in excellent working order.

The "Dandy" prepares the cut green bone properly for feeding—like coarse corn meal—does not crush, splinter or leave it in lumps. By its correct construction it grinds fast, runs easy, and is quickly and easily cleaned—good points that you will appreciate. No other cutter compares with the "Dandy," and we want to send you one on 15 days free trial so that you can see for yourself just how and why it is superior to them all, and why it will be a money-maker for you.

Write for free catalog giving sizes and prices of cutters. It also contains a lot of valuable information about green bone and how to feed it.

Be sure to ask for our free trial plan and get your order in early.

STRATTON MFG. CO., BOX 17, ERIE, PA.

- Dec. 6-8—Manning, Iowa. F. H. Shellabarger, judge; W. B. Parrott, secretary.
 Dec. 6-9—Ft. Smith, Ark. C. P. Van Winkle, judge; A. H. Berg, secretary.
 Dec. 6-9—Ithaca, Michigan. R. V. Otto, judge; E. J. McCall, secretary.
 Dec. 6-9—Richmond, Ind. Lane, judge; Frank L. Waidele, secretary, Richmond and West 7th Sts.
 Dec. 6-10—Alva, Okla. Dudley, judge; A. H. Bullis, secretary.
 Dec. 6-10—Athens, O. Pierce, judge; S. M. Johnson, secretary.
 Dec. 6-10—Reading, Pa. Edwards and Webb, judges; C. H. Glase, secretary, 1331 Perkins Ave.
 Dec. 6-10—Scottsdale, Pa. Charles T. Cornman, judge; W. G. Sherrick, secretary, Ever-son, Pa.
 Dec. 6-10—Norristown, Pa. Davey, Nevius and Poley, judges; George C. Whittam, secretary, 1529 Arch St.
 Dec. 7-10—Red Bank, N. J. Davey, Stanton and Minich, judges; P. J. Gislison, secretary.
 Dec. 7-10—Kirksville, Mo. Rhodes, judge; C. B. McClanahan, secretary.
 Dec. 7-10—Hydro, Okla. D. A. Stone, Wichita, Kans., judge; Mrs. Lulu Thralls, Hydro, Okla., secretary.
 Dec. 7-10—Medford, Okla. C. L. Bickerdike, secretary.
 Dec. 7-12—LaCrosse, Wis. Hoffman, judge; Joseph H. Poehling, secretary.
 Dec. 7-12—Rochester, Minn. Holden and Whitney, judges; D. L. Williams, secretary.
 Dec. 8-12—Asheville, N. C. Drevinstedt, judge; Dr. Charles Beers, secretary.
 Dec. 8-10—Guilford, Conn. Paul P. Ives, secretary.
 Dec. 8-10—Apollo, Pa. Auerswald, judge; George L. Rudolf, secretary, Box 117.
 Dec. 8-14—Chicago, Ill. Theodore Hewes, secretary, Indianapolis, Ind.
 Dec. 10—Gadsden, Ala. Marshall, judge; J. C. Greene, secretary.
 Dec. 12-15—Lincoln, Ill. McCord, judge; William Corwine, secretary.
 Dec. 12-15—Fairfield, Ill. T. M. Campbell, judge; J. H. Robey, secretary.
 Dec. 12-16—Sioux Falls, S. D. Keeler, judge; L. G. Granger, secretary.
 Dec. 12-16—Princeton, Ill. Rapp, judge; Walter Asche, secretary.
 Dec. 12-16—Parkers Landing, Pa. Andrews, judge; J. S. Brady, secretary.
 Dec. 12-16—West Point, Neb. McClaskey, judge; Rudolph Brazda, secretary.
 Dec. 12-16—Fremont, Neb. Shellabarger, judge; Charles W. Mulloy, secretary.
 Dec. 12-16—Iowa Falls, Iowa. U. J. Shanklin, judge; H. S. Dixon, secretary.
 Dec. 12-16—Ft. Collins, Colo. C. H. Rhodes, judge; C. E. Collins, secretary.
 Dec. 12-17—Williamstown, W. Va. Bean, judge; W. P. Miller, secretary.
 Dec. 12-17—Easton, Pa. Drevinstedt and Webb, judges; S. W. Godley, secretary.
 Dec. 12-17—Meridian, Miss. Hutchison, judge; F. R. Ziller, secretary.
 Dec. 12-17—Genoa, O. Emch, judge; C. F. Coleman, secretary.
 Dec. 12-17—Jamestown, N. Y. Burgott and Denny, judges; A. J. Hammerstrom, secretary, 627 English St.
 Dec. 12-17—Colorado Springs, Col. D. T. Heimlich, judge; H. H. Chase, secretary.
 Dec. 12-17—Omaha, Neb. Russell, Southard, Ellison, Palmer and Hobbs, judges; Anton Lundstrom, secretary.
 Dec. 12-17—Salem, Ohio. Carroll Beck, secretary.
 Dec. 13-16—Smithfield, W. Va. Sites, judge; F. E. Funk, secretary.
 Dec. 13-16—Middletown, Conn. Bunnell, Shove and Coolidge, judges; Charles L. Fisk, sec'y.
 Dec. 13-16—Hannibal, Mo. Johnson, judge; W. S. Hoke, secretary.
 Dec. 13-16—Richland, Ia. Dagle, judge; J. W. Allen, secretary.
 Dec. 13-16—Kingston, N. Y. B. C. Deyo, secretary, New Paltz, N. Y.
 Dec. 13-17—Philadelphia, Pa. C. Carroll Kempton, secretary.
 Dec. 13-17—Pine Bluff, Ark. Savage and Brown, judges; E. W. Phillips, secretary.
 Dec. 13-17—Lebanon, Pa. Corey and Eibel, judges; Samuel Black, secretary, 1121 Nuffin St.
 Dec. 13-17—Bucyrus, O. Heck, judge; D. M. Odaffer, secretary.
 Dec. 13-18—Wapakoneta, O. Case, judge; F. M. Bowers, secretary, 511 E. Pearl St.
 Dec. 14-17—LeGrand, Ia. Mills, judge; L. C. Knudson, secretary.
 Dec. 14-17—Cottage Grove, Ore. Collier, judge; W. C. Conner, secretary, Main and 4th Sts.
 Dec. 14-17—Clinton, Mo. Branch, judge; A. L. Armstrong, secretary.
 Dec. 14-17—Maryville, Mo. Thompson, judge; Joseph H. Saylor, secretary.
 Dec. 14-17—Garden City, Kas. Stoner, judge; M. R. Easley, secretary.
 Dec. 14-18—Wakeman, O. McClave, judge; C. M. McWhorter, secretary.
 Dec. 14-19—Fort Wayne, Ind. Kummer, judge; W. H. Didier, secretary.
 Dec. 14-19—Oconomowoc, Wis. Tucker, judge; Charles Behrend, Jr., secretary.
 Dec. 14-19—Palestine, Tex. C. P. Van Winkle, judge; O. B. McReynolds, secretary.
 Dec. 15-16—Pender, Neb. Mrs. H. E. Blattler, judge; R. Chow, secretary.
 Dec. 15-17—St. Charles, Ia. Todd, judge; J. M. Brown, secretary.
 Dec. 15-18—Beaver Dam, Wis. Keeler, judge; Otto J. Winning, secretary, 412 W. 3d St.
 Dec. 15-19—Green Bay, Wis. Campbell, judge; J. M. Franssens, secretary.
 Dec. 15-21—Holland, Mich. J. C. Clipp, judge; J. B. Hadden, secretary.
 Dec. 16-18—Greeley, Colo. C. H. Rhodes, judge; W. C. Loney, secretary.
 Dec. 16-20—Hillsboro, Tex. R. E. Harper, secretary.
 Dec. 19-23—Bradford, Ill. Heimlich, judge; B. D. Phinx, secretary.
 Dec. 19-23—Shelby, Ohio. McClave, judge; W. O. Smith, secretary.
 Dec. 19-24—Charleston, Ill. J. J. Klein, judge; C. L. Carney, secretary.
 Dec. 19-24—Pueblo, Colo. F. C. Kay, secretary.
 Dec. 19-24—Weldon, Ill. Stanfield, judge; Dr. A. V. Foote, secretary, Box 29.
 Dec. 19-24—Aledo, Ill. Warnoch, judge; Willard Ruse, secretary.
 Dec. 19-24—Kokomo, Ind. H. A. Pickett, judge; Elmer Thomas, secretary, Center, Ind.
 Dec. 20-22—Bridgeport, Conn. George Seltsam, secretary, Sylvan Ave., R. D. 4.
 Dec. 20-23—Hutsonville, Ill. Shaw, judge; J. S. Walker, secretary, Palestine, Ill.
 Dec. 20-23—Murphysboro, Ill. O. L. Rawlings, secretary.
 Dec. 20-24—Austin, Minn. Ott, judge; Alfred A. Ziemer, secretary.
 Dec. 20-24—Maquoketa, Ia. Shellabarger, judge; N. J. Rankin, secretary.
 Dec. 20-24—Salem, Mich. Otto, judge; F. W. Roberts, secretary.
 Dec. 20-24—Schwenksville, Pa. F. H. Davey, judge; S. R. Crom, secretary.
 Dec. 21-23—Herdon, Va. W. Theo. Wittman, judge; A. H. Kirk, secretary.
 Dec. 23-Jan. 1—McKeesport, Pa. Kummer and Keeler, judges; W. N. Soles, secretary, 211½ Fifth Ave.
 Dec. 26-29—Newton, Ill. Chas. McClave, judge; Floyd Clark, secretary.
 Dec. 26-31—South Bend, Ind. T. E. Haus, secretary.
 Dec. 26-31—Twin Falls, Idaho. Elmer Dixon, judge; O. W. Dougherty, secretary.
 Dec. 26-31—Parsons, Kans. Shellabarger, judge; A. E. Blaker, secretary.
 Dec. 26-31—Columbia, Pa. Davey, judge; M. S. Gohn, secretary.
 Dec. 26-31—Havana, Ill. Heimlich, judge; Benjamin L. McFadden, secretary.

M. A. RICE, President
A. SCHROEDER, Treasurer

Dr. E. FIELD, Vice-President
P. J. GISLISON, Secretary

THIRD ANNUAL EXHIBITION MONMOUTH POULTRY CLUB RED BANK, NEW JERSEY

December 7, 8, 9, 10, 1910

HANDSOME PRIZES

Entries close November 24, 1910

EXCELLENT JUDGES

CASH SPECIALS

Address Secretary for Premium List

- Dec. 26-31—East Liverpool, O. Kummer, judge; J. F. Grosccross, secretary, 633½ Dresden Ave.
- Dec. 26-31—Lansing, Mich. Tucker and Wise, judges; J. A. Turner, secretary.
- Dec. 26-31—Huntington, W. Va. Northup, judge; C. P. Sanborn, secretary.
- Dec. 26-31—Geneseo, Ill. Ott, judge; Matthew O'Connell, secretary.
- Dec. 26-31—Cedar Rapids, Iowa. E. D. Monilaw, secretary.
- Dec. 26-31—Boise, Idaho. Miller Purvis, judge; Melde Hillis, secretary.
- Dec. 26-31—Oregon, Ill. W. C. Pierce, judge; Frank C. Potter, secretary.
- Dec. 27-30—Barre, Vt. Card, judge; R. S. Currier, secretary.
- Dec. 27-31—E. Greenville, Pa. Feil and Edelman, judges; F. G. Christman, secretary.
- Dec. 27-31—Albert Lea, Minn. C. H. Rhodes, judge; Harry E. Ruble, secretary.
- Dec. 28-30—Freeport, Me. Watson, Ballou, Atherton and Bartlett, judges; George P. Coffin, secretary.
- Dec. 27-31—Lititz, Pa. Cornman and Corey, judges; James H. Breitigan, secretary.
- Dec. 27-Jan. 2—Salina, Kas. Clipp, judge; Samuel E. Hoover, secretary.
- Dec. 28-30—Charlotte, N. C. Brace and Simmons, judges; C. W. Best, secretary.
- Dec. 28-31—Vicksburg, Mich. Tucker, judge; C. A. Morse, secretary.
- Dec. 28-31—Montpelier, Ohio. Chas. McClave, judge; C. Thurston, secretary.
- Dec. 28-31—Gordonville, Mo. D. T. Heimlich, judge; J. C. Kerstner, secretary.
- Dec. 29-31—Mullinville, Kan. J. J. Atherton, judge; C. F. Voss, secretary.
- Dec. 29-Jan. 2—Kiel, Wis. Campbell, judge; M. J. Wirth, secretary.
- Dec. 29-Jan. 2—Toronto, Ont., Can. F. T. Saunders, secretary, 18 Toronto St.
- Dec. 31-Jan. 5—Jackson, Mich. Schwab and Traviss, judges; W. O. Wellman, secretary.
- Jan. 2-6—Kendallville, Ind. Chas. McClave, judge; G. M. Patterson, secretary.
- Jan. 2-7—Coshocton, Ohio. Chas. McClave, judge; Dr. Geo. M. Boone, secretary.
- Jan. 2-7—Spokane, Wash. Warnock and Norton, judges; H. J. Fuller, secretary.
- Jan. 2-7—Grand Ledge, Mich. Otto, judge; W. G. Shaw, secretary.
- Jan. 2-7—Springfield, Ill. O. L. McCord, secretary.
- Jan. 2-7—Topeka, Kas. Tompkins, Smith, Rhodes, Branch, Byers, Roberts and Palmer, judges; E. W. Rankin, secretary.
- Jan. 2-7—Polo, Ill. Russell, judge; Frank Niman, secretary.
- Jan. 2-7—New Castle, Pa. Jaquins, judge; C. L. Carson, secretary, 75 E. North St.
- Jan. 2-7—Madison, Wis. Roundtree and Tucker, judges; J. G. Halpin, secretary.
- Jan. 2-7—Upper Sandusky, Ohio. I. R. Mankel, secretary.
- Jan. 2-7—Clarksburg, W. Va. J. A. McIntosh, judge; W. R. Talkington, secretary.
- Jan. 2-9—Gowrie, Ia. C. H. Rhodes, judge; S. R. E. Anderson, secretary.
- Jan. 3-5—Meadford, Ont., Can. A. B. Whitlock, secretary.
- Jan. 3-6—Edon, Ohio. L. C. Taylor, judge; S. D. Kaiser, secretary.
- Jan. 3-6—Ft. Madison, Ia. Ellison, judge; Albert M. King, secretary, West Point, Ia.
- Jan. 3-6—Springfield, Mass. Weed, Card and Ballou, judges; E. P. Tilton, secretary.
- Jan. 3-7—Attica, O. Cram, judge; J. Hobart Sutton, secretary.
- Jan. 3-7—Baltimore, Md. George O. Brown, secretary, 2027 E. North Ave.
- Jan. 3-7—Elmore, O. Feil, judge; George A. Neis, secretary.
- Jan. 3-7—Mountain Grove, Mo. Emry, judge; E. J. Greene, secretary; J. M. Cassil, assistant secretary.
- Jan. 3-7—Paris, Ill. C. F. Shirley, secretary.
- Jan. 4-7—York, Neb. Geo. H. Northup, judge; Claude O. Hudson, secretary.
- Jan. 4-7—San Diego, Cal. A. Eldridge, secretary, 764 Newton Ave.
- Jan. 4-7—Fort Morgan, Col. Hewes, judge; R. J. Nothwehr, secretary.
- Jan. 4-8—Elyria, O. Falkner, judge; A. J. Laundon, secretary, 114 Cheapside.
- Jan. 5-7—Muskegon, Mich. J. A. Tucker, judge; P. M. Hanson, secretary.
- Jan. 5-12—Mankato, Minn. Holden, judge; Fred O. True, secretary.
- Jan. 6-12—Des Moines, Iowa. Rhodes, Russell, Ellison, judges; K. H. Guthrie, secretary.
- Jan. 6-13—Waukegan, Ill. T. B. Gleave, secretary.
- Jan. 8-14—Galveston, Ind. Pickett, judge; Harry Gray, secretary, R. R. 13.
- Jan. 9-13—Lebanon, Ind. Zike, judge; Frank B. Wooley, secretary.
- Jan. 9-13—Mineral Pt., Wis. Jas. A. Tucker, judge; Allen Tucker, secretary.
- Jan. 9-13—Decatur, Ill. Klem & Johnston, judge; Wilbur G. Watt, secretary.
- Jan. 9-13—Dallas, Tex. Theo. Hewes, judge; C. P. Van Winkle, secretary.
- Jan. 9-13—Warren, Penn. I. H. Mott, secretary.
- Jan. 9-14—Kankakee, Ill. McClave, judge; E. P. Vining, secretary.
- Jan. 9-14—Lebanon, Ind. W. W. Zike, judge; Frank Wooley, secretary.
- Jan. 9-14—Monmouth, Ill. G. D. McClaskey, judge; S. L. Hamilton, secretary.
- Jan. 9-14—Kalamazoo, Mich. F. H. Shellabarger and W. E. Stanfield, judges; E. W. Hough, secretary.
- Jan. 9-14—Charleston, W. Va. Sites, judge; Elijah Steen, secretary, 307 Penn Ave.
- Jan. 9-14—Wichita, Kans. Thompson, Johnston & Stoner, judges; Thos. Owen, secretary.
- Jan. 9-14—Salt Lake City, Utah. Helmlich, judge; C. J. Sander, secretary, 3335 So. 7th St. East.
- Jan. 9-14—Columbus, Ind. Corey, judge; H. K. Volland, secretary.
- Jan. 9-14—Sullivan, Ill. Rapp, judge; J. L. McPherson, secretary.
- Jan. 9-14—Rochester, N. Y. Maunder, Webb, Stanton, Cornish, Brace and Brown, judges; F. A. Newman, secretary, Box 472.
- Jan. 9-14—Beloit, Wis. McClave and Hackett, judges; Geo. A. Miller, secretary, R. D. 28.
- Jan. 9-14—Altoona, Pa. Cornman and Ewald, judges; J. L. Wertzberger, secretary, 1322 10th Ave.
- Jan. 9-15—Atlanta, Ga. Emry and Marshall, judges; C. O. Harwell, secretary, 113 N. Pryor St.
- Jan. 9-15—Tipton, Ind. Roy McNair, judge; Hallie Lane, secretary.
- Jan. 9-15—Toledo, Ohio. Mullinix, Northup, Barret and Sheppherd, judges; Frank W. Hoff, secretary.
- Jan. 10-12—Spartanburg, S. C. Brown and Owen, judges; C. W. Anderson, secretary, 133 Magnolia St.
- Jan. 10-13—New London, Ia. Shanklin, judge; A. M. Cornwell, secretary.
- Jan. 10-13—Platteville, Wis. S. B. Mill, Ames, Iowa, judge; Henry Pargman, Platteville, Wis., secretary.
- Jan. 10-13—Vancouver, B. C., Can. Dixon, Headlee, judges; F. S. Embleton, 5 and 6 Ave. West, Vancouver, B. C., secretary.
- Jan. 10-13—Pulaski, N. Y. J. W. Parkhurst, secretary.
- Jan. 10-13—Elmira, N. Y. John D. Jaquins, judge; Chas. Earl Hart, secretary.
- Jan. 10-14—Edgerton, Ohio. Stanfield and Hamlin, judges; W. F. Nehart, secretary.
- Jan. 10-14—Tiffin, Ohio. Falkner and Struble, judges; B. F. Cockayne, secretary.

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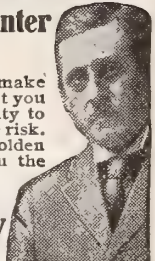
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INTERNATIONAL CORRESPONDENCE SCHOOLS, Box 1004 Scranton, Pa.

- Jan. 10-14—Greenville, Penn. Charles F. Fitch, secretary.
Jan. 10-14—Aurora, Ill. Rountree, judge; Herman Moser, secretary.
Jan. 10-14—Boston, Mass. W. B. Atherton, secretary, 30 Broad St.
Jan. 10-14—Dalton, Mass. Felch and Tasker, judges; W. H. Griswold, secretary.
Jan. 10-14—Norwalk, O. Charles O. Jackson, secretary.
Jan. 10-14—Washington, N. J. William H. Cyphers, secretary.
Jan. 10-15—Tulsa, Okla. J. W. Birding, secretary.
Jan. 10-15—Independence, Kans. D. R. Kinkad, secretary.
Jan. 11-14—Richmond, Va. Simmons, judge; W. R. Todd, secretary, 426 N. 6th St.
Jan. 11-14—Junction Park, Beaver, Pa. A. F. Kummer, judge; J. Mays Ecoff, secretary.
Jan. 11-14—Fairmont, W. Va. L. C. Taylor, judge; C. E. Smith, secretary.
Jan. 11-15—Milwaukee, Wis. Keller, Heyl and McCauley, judges; Theodore Koss, secretary.
Jan. 11-15—Evans City, Pa. Gault, judge; J. F. McFarland, secretary.
Jan. 11-17—Minneapolis, Minn. Holden, Rhodes and Roberts, judges; Charles O. Johnson, secretary, 4201 No. Colfax Ave.
Jan. 12-14—Rutherford, N. J. F. A. Minnerly, secretary.
Jan. 13-14—Downers Grove, Ill. Shellabarger, judge; A. B. Snow, secretary.
Jan. 16-20—Grand Rapids, Mich. Tucker, Wise and Otto, judges; W. L. Kupps, secretary, 42 Will St.
Jan. 16-20—Lincoln, Neb. Rhodes, Johnson and Southard, judges; A. H. Smith, secretary.
Jan. 16-20—Utica, N. Y. J. D. Jaquis, judge; F. W. Blatsford, secretary.
Jan. 16-20—Columbus, Ohio.
Jan. 16-20—Hastings, Neb. Rhodes, Johnson and Southard, judges; A. H. Smith, secretary.
Jan. 16-21—Schenectady, N. Y. George R. Shauber, Ballston Lake, secretary.
Jan. 16-21—Grinnell, Iowa. D. A. Hopkins, secretary.
Jan. 16-21—Racine, Wis. D. J. Kennedy, secretary.
Jan. 16-21—Defiance, Ohio. Long, Keller, judges; J. H. Vincent, secretary.
Jan. 16-21—Dixon, Ill. Charles McClave, judge; A. G. Hill, secretary.
Jan. 16-21—Dixon, Ill. McClave, judge; A. G. Hill, secretary.
Jan. 16-21—Franklin, Ind. B. Myers, judge; Walter B. Fanner, secretary.
Jan. 16-21—Mt. Vernon, O. Felch, judge; Luther A. Stream, secretary.
Jan. 16-21—Scranton, Pa. Denny, McGrew, Mosher, Wittman, Alden, Barber and Stanton, judges; C. W. Payne, secretary, 140 Washington Ave.
Jan. 16-21—Janesville, Wis. Heimlich, judge; F. J. Holt, secretary.
Jan. 17-20—North Adams, Mass. Tasher, Weed, judges; C. A. Larabee, secretary.
Jan. 17-20—Attica, Ind. Zike, judge; W. R. Gilmore, secretary.
Jan. 17-20—Winsted, Conn. Corey, Welles, judges; L. P. Capwell, Secretary, 72 Hinsdale Ave.
Jan. 17-20—Leavenworth, Kans. Branch, Palmer, judges; Fred T. Nye, secretary.
Jan. 17-20—Stevens Point, Wis. Frank J. Blood, secretary.
Jan. 17-21—Huntington, Ind. Campbell, judge; Herbert Zahn, secretary.
Jan. 17-21—Van Wert, Ohio. Shaner, judge; L. C. Blake, secretary.
Jan. 17-21—Logansport, Ind. Campbell, judge; Wm. Grace, Jr., secretary, 316 Market St.
Jan. 17-21—Greensburg, Penn. George Ewald, judge; R. M. Zundel, secretary.
Jan. 17-21—Canandaigua, N. Y. Dr. L. D. Southerland, secretary.
Jan. 17-22—Michigan City, Ind. McClave, judge; A. L. Peterson, secretary, 409 Earl road.
Jan. 18-21—Port Huron, Mich. Wise, Coburn, judges; Robt. S. Taylor, secretary.
Jan. 18-21—Belton, Mo. Ben Huber, secretary.
Jan. 18-21—Blue Island, Ill. Frank Heck, L. A. Jansen, judges; A. W. Doermann, secretary.
Jan. 18-21—Knoxville, Tenn. Emry, judge; John E. Jennings, secretary, 621 N. Central Ave.
Jan. 18-21—Millersburg, Penn. O. H. Watts, secretary.
Jan. 18-21—Kent, Ohio. A. F. Kummer, judge; H. C. Parker, secretary.
Jan. 18-21—Clyde, Ohio. Thos. Faulkner, judge; Earl A. Miller, secretary.
Jan. 18-23—Bloomington, Ill. Pierce, judge; Frank Peitsch, secretary.
Jan. 19-21—Eaton, Ohio. Phil. Feil, judge; H. E. Dalrymple, secretary.
Jan. 22-23—Bay City, Mich. Hathaway, judge.
Jan. 22-29—Buffalo, N. Y. Dr. Stanley A. Merkley, secretary.
Jan. 23-27—Cadillac, Mich. Ray Otto, judge; C. A. Saunders, secretary.
Jan. 23-27—New Hampton, Iowa. Shanklin, judge; J. C. Mueller, secretary.
Jan. 23-27—New Berlin, N. Y. Jaquins, judge; R. F. Talbot, secretary.
Jan. 23-28—St. Joseph, Mo. C. H. Rhodes, judge; E. L. McDonald, secretary.
Jan. 23-28—Rockford, Ill. W. S. Russell and D. T. Heimlich, judges; Charles S. Gilbert, secretary.
Jan. 23-28—Cleveland, Ohio. Drenstedt, Faulkner, Hawkins, King, McClave, and Oke, judges; J. T. Conkey, 2337 E. 4th St., secretary.
Jan. 23-28—Muncie, Ind. Heyl and Pickett, judges; J. Earl Fouts, assistant secretary.
Jan. 23-28—Casey, Ill. Keeler, judge; John S. Elder, secretary.
Jan. 23-28—Goshen, Ind. J. W. Mulinix, judge; H. E. Kratz, secretary.
Jan. 24-26—Bristol, Vt. Shove, judge; Geo. S. Farr, secretary.
Jan. 24-26—Huntington, N. Y. G. Frederick Klafky, secretary.
Jan. 24-28—Waukesha, Wis. D. E. Hale, judge; J. R. Love, secretary.
Jan. 24-27—Portville, N. Y. Wm. F. Brace, judge; J. F. Nagel, secretary.
Jan. 23-29—Danville, Ind. Lane, judge; Wilbur Hadley, secretary.
Jan. 25-28—La Porte, Ind. Chas. Keeler, judge; J. Osburn Brink, secretary.
Jan. 25-29—Mendota, Ill. O. L. McCord, judge; Edw. Brown, secretary.
Jan. 25-Feb. 1—Detroit, Mich. Tucker, Marshall, Wise, judges; J. A. Turner, secretary, 703 Seymann St., Lansing, Mich.
Jan. 26-28—Houghton, Mich. Traviss, judge; John T. McNamara, secretary.
Jan. 26-31—Marietta, Ohio. Pierce, judge; Fred C. Snodgrass, secretary.
Jan. 27-Feb. 1—Kenosha, Wis. Hale, judge; E. J. Huber, secretary.
Jan. 30-Feb. 4—Monticello, Ind. Northup, Hanawalt, judges; Thos. A. Roth, secretary.
Jan. 31-Feb. 4—Mt. Vernon, Ind. Heimlich, judge; John A. Schenk, secretary, Box 8.
Jan. 31-Feb. 4—Wooster, Ohio. McClave, judge; Arthur H. Smith, secretary, 8 Columbus Ave.
Feb. 6-10—Indianapolis, Ind. Shellabarger, Corey, Meyers, Lane, Zike, Pierce and Hewes, judges; C. R. Milhouse, Lebanon, Ind., secretary.
Feb. 8-13—Fond du Lac, Wis. Tucker, judge; E. R. Zamzow, secretary.
Feb. 9-11—Moncton, N. B., Canada. Geo. Robertson, judge; Geo. H. Seamann, secretary.

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The River Home Poultry Yards, Perrysburg, O., was among the very first of the prominent breeders to equip their yards. They installed about sixty Norwich Automatic Exercisers and Feeders in their yards about two years ago. The machines in the River Home Poultry Yards at once attracted wide attention, and a great many people who visited their yards insisted on taking feeders home with them, so that the River Home Poultry Yards had difficulty in keeping enough machines for their own use, this finally resulting in their becoming general agents and distributors for the Norwich Automatic Exercisers and Feeders for all of the United States East of the Rocky Mountains, excepting the Atlantic Coast states, the New England States, Pennsylvania, and New York. The Feeders and Exercisers are now shipped to them in carload lots and they are sending them out as fast as they can get them.

U. R. Fishel of Hope, Ind., the noted breeder of "The Best in the World" White Plymouth Rocks, has equipped his yards with the Norwich Automatic Exercisers and Feeders and gives his opinion of them in the following language:

"I wish to tell you that the more we use the Norwich Exercisers and Feeders, the better we like it, and we have found that it is the greatest saving device we have ever had on the farm. As you know, I now have in use more than thirty of the Exercisers and Feeders and no man could buy them for three times what they cost me if I would be compelled to do without them. I wish all poultry fanciers could know their great saving that they make in feed bills, to say nothing of the other good qualities they possess."

A. E. Martz, of Arcadia, Ind., whose specialty is high class S. C. Buff Orpingtons, and who is president of the National S. C. Buff Orpington Club, gives his experience with the Norwich Automatic Exercisers as follows:

"My last order of Norwich Automatic Exercisers and Feeders was duly received. This puts thirty-six of these Exercisers and Feeders in operation on my plant, but will need more as soon as other yards are completed. There has been nothing within the range of my experience that saves as much labor and feed, that produces such a uniform growth in chicks or puts hens in finer laying fettle than this Exerciser and Feeder. Its use should be universal."

When such poultry people as the River Home Poultry Yards, U. R. Fishel and A. E. Martz, give the Norwich Exerciser and Feeder their unqualified endorsement as the greatest feed and labor saver ever invented, it would seem as though poultry raisers should not hesitate to try them and that they should not experiment with untried or inferior machines.

Every one who sees the Norwich Automatic Exerciser and Feeder in operation is delighted. There is no subject so important as the correct and economical feeding and care of poultry. The feed is the great bill of expense in poultry keeping, and a device which saves feed and labor and at the same time makes the birds exercise properly is certainly a boon to the poultry industry.

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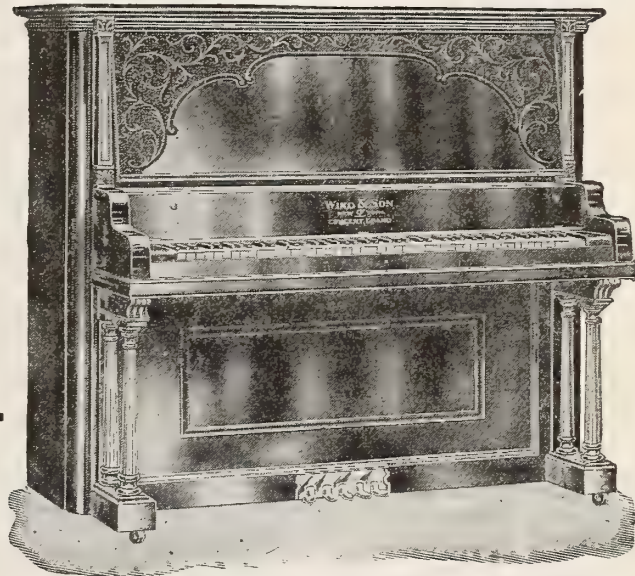
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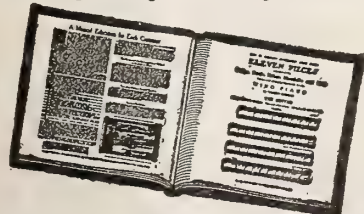
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FISHEL STRAIN WHITE ROCK COCKERELS, early hatched, \$2.00 to \$5.00. Frank Warwick, Waterloo, N. Y. 10-3

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RINGLET BARRED ROCKS, E. B. Thompson strain direct. Choice breeding stock, \$3 to \$5. Mammoth Bronze Turkeys, pairs and trios, not related. Satisfaction guaranteed. Mrs. D. I. Johnson, Chrisney, Ind. 10-3

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RINGLET HILL POULTRY FARM has a few hundred free range Barred Rocks. Write us your wants. Fred Longnecker, Cayuga, Ill. 9-2

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MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburgh, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr.

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HIGH CLASS WHITE WYANDOTTES. winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-1f

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S. C. W. LEGHORN cockerels for sale, pure white prize winners; bred from a strain of heavy layers, of large pure white eggs; price \$2.00 to \$5.00 each; satisfaction or money refunded; I guarantee to save you one-half. Homer Garges, Inka, Ill. 11-3

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WYCKOFF'S STRAIN White Leghorn cockerel, \$1.00 and up. H. D. Walthour, Darragh, Pa. 11-1

NONE BETTER—Rose Comb White Leghorns, cockerels and hens, \$2.00 each; write. J. Peters, Lincoln, Ill. 11-3

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S. C. BUFF LEGHORNS; four yearling cocks; twenty hens. This year's breeders. Also fifty fine cockerels for sale; our strain winners Cleveland, Toledo and Youngstown, Ohio. S. E. Shipman, North Girard, Pa. 10-4

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FOUNDATION STOCK, STRONG vigorous heavy layers bred to standard requirements. S. C. White Leghorn one-year-old breeding hens—not 2 years, \$2.00; pullets 8 weeks, \$1.00; 12 weeks, \$1.50; 4 months, \$2.00. Cocks and cockerels mated not skin. Oak Grove Farm, Box A, R. 34, Peoria, Ill. 9-3

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SINGLE COMB WHITE ORPINGTONS, Kellerstrass strain; the better kind; cockerels and a few pullets for sale; eggs and chick Jan. 1. Clover Lawn Poultry Yds., Box 6, Delhi, Ill. 11-3

A FINE LOT OF S. C. Black Orpington cockerels, fired by first cock at Buffalo, for sale at \$2 to \$10 each. Vernon Mathews, Vineyard, New York. 11-1

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BUFF, White, Black Orpingtons—At the Poughkeepsie, N. Y. Fair, Sept., 1910, where a total of 3,900 birds of all breeds were exhibited, we won 25 prizes out of a possible 30. At the Brockton, Mass. Fair, Oct., 1910, usually conceded to be one of the two best, if not the best of the fall shows in the U. S., we won 31 prizes of the fall season for best Display of Orpingtons, a total at the two shows of 56 prizes. We have the quality that will produce winners for any show. Eggs from January 1st. Day-old chicks about March 1st. Grannis Brothers, R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1 yr

FOR SALE—A FEW S. C. Black Orpington pullets and cockerels. Ira Blake, Kewanee, Ill. 11-1

WHITE ORPINGTON COOK STRAIN grand cockerels and pullets for sale. Wm. E. Pearce, Dulaneys Valley, Md. 11-1

KELLERSTRASS CRYSTAL WHITE ORPINGTON cockerels. Selected stock, \$2. Eggs in season. Booking orders now, \$2 for thirteen. R. M. Wood, 636 So. Grove Ave., Oak Park, Ill. 11-1

SINGLE COMB BUFF ORPINGTON cockerels and pullets at a bargain. Need the room. Look up my show record. Satisfaction or money returned. Dr. Powell, Elsberry, Mo. 11-3

EIGHTY ACRES of Kellerstrass Crystal White Orpingtons. Exceptional values in cockerels. White Feather Farm, Liberty, Ind. 11-3

75 SINGLE COMB White Orpington cockerels, Kellerstrass strain. These big robust fellows need to be seen to be appreciated. Farm raised. Prices reasonable. John S. Leach, Hartford City, Ind. 10-3

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CRYSTAL WHITE ORPINGTON cockerels from \$100.00 per direct from Kellerstrass. Great bargain! Also 500 S. C. Buffs. Alice Morris, Big Rock, Ill. 10-3

S. C. W. ORPINGTON cockerels; large, thoroughbred, specially fed. Eggs, \$3.00 per 15, until 1911. Hill Side Poultry Plant, 909 N. Walnut St., Champaign, Ill. 10-3

CRYSTAL WHITE ORPINGTON cockerels for sale, \$3.00 up. March, April hatched. Chas. McWhorter, Wakeman, Ohio. 10-3

VERY CLASSY Single Comb Golden Buff and Crystal White Orpingtons. Yearlings and young stock. Won thirty prizes in 1909. J. L. McDavid, Hillsboro, Ill. 10-3

S. C. BUFF ORPINGTONS. Bred from stock direct from Cook & Sons. Cockerels and pullets, \$1.50 each. Mrs. J. E. Grinstead, Route 3, Danville, Iowa. 10-3

SINGLE COMB BLACK ORPINGTON cockerels. Prices reasonable. C. N. Hambleton, Jeffersonville, Ill. 10-3

KELLERSTRASS STRAIN White Orpington cockerels, early hatched, \$2.00 to \$5.00. Frank Warwick, Waterloo, N. Y. 10-3

WHITE ORPINGTONS OF QUALITY. Winners of 11 firsts and 2 cups. Young stock for sale. Write your wants. Sheldon Wolf, Washington, Pa. 10-3

SPECIAL SALE—KELLERSTRASS White Orpington cockerels. Five dollars each. Satisfaction guaranteed. Edward Buss, Janesville, Wis. 10-3

SINGLE COMB WHITE ORPINGTON cockerels \$2, upward. White Feather Farm, New Bremen, O. 10-3

KELLERSTRASS WHITE ORPINGTONS. Young stock for sale. Write your wants and I will try to please you. Shadyside Poultry Farm, Henry J. Moore, R. D. 1, Waynesburg, Pa. 10-3

KELLERSTRASS STRAIN WHITE ORPINGTONS. We have for sale cockerels, pullets and some yearling hens bred from Kellerstrass famous pen of thirty hens. If you want a fine Kellerstrass cockerel to head your best pen I can please you. T. E. Lockbridge, Liberty, Ind. 10-3

S. C. BUFF ORPINGTON cockerels bred from stock direct from Cook, \$3.00 and \$4.00 each. Frank Myers, Oakwood, Ohio. 9-4

WANTED—WHITE AND BLACK Orpington hens and pullets. Fully described and price first letter. Size, color, legs, eyes. Must be bargain. Buckeye Poultry Co., 230 West 9th Ave., Columbus, Ohio. 9-3

KELLERSTRASS WHITE ORPINGTONS must be sold at once, prices very reasonable. Walter Steidinger, R. 1, Box 5, Forrest, Ill. 9-3

SINGLE COMB BUFF and White Orpingtons, Cook strain, \$1.50 up. M. C. Jester, Cannonsville, N. Y. 9-3

KELLERSTRASS STRAIN WHITE ORPINGTONS, choice stock. Oak Grove Farm, Box A, R. 34, Peoria, Ill. 9-3

KELLERSTRASS ORPINGTONS. Fred Alger, Waukau, Wis. 9-3

S. C. WHITE ORPINGTONS, Cook strain, cockerels, \$2 and \$3 each. Fred Haynes, Cannonsville, N. Y. 9-3

SINGLE COMB BUFF, BLACK, White and Rose Comb Whites. Big bargains in breeding stock. Some excellent youngsters for sale. Dr. Evans, LeGrand, Iowa. 8-3

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ROSE AND SINGLE COMB RED pullets and cockerels. Better than ever. Pure Tompkins strain. Dr. W. C. Bradshaw, Ogden, Iowa. 11-3

ROSE COMB REDS, good shape, size and color; cockerels, \$1 up; pullets, \$15 dozen up. Thos. Agnew, Cannon Falls, Minn. 11-3

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UTILITY REDS, ROSE COMB—Tuttle-Anderson strain, 100 cockerels to close out at once, \$2 each. R. K. Henry, Saranac, Mich. 11-1

SINGLE COMB REDS—Fine young stock for sale. Ben Neiman, Noblesville, Ind. 11-3

SINGLE COMB RHODE ISLAND Red cockerels; fine large birds at \$1.50 each. Aldora R. Mantz, Watson, Ill. 11-1

SACRIFICE SALE OF Red Cockerels, both combs; fine large, lusty fellows; \$1 and up; write me your wants at once. Frederick H. Lind, Garden Grove, Ia. 11-3

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REDS, BOTH COMBS—Farm raised, cockerels, \$2 up; trios, \$5 up; plenty of exhibition cockerels; money back if not satisfied. Jasper Moorlag, Vandalia, Mich. 11-3

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SINGLE COMB Rhode Island Red cockerels for sale from silver cup winners. Prices reasonable. Wm. Ginn, Delphi, Ind. 10-3

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I HAVE THE MOST BEAUTIFUL lot of early hatched Single Comb Red cockerels this season I have ever raised, and to close them out quickly will sell at Two to Five dollars each. Remit amount you wish to pay and I will please you. No pullets. Harry R. Crane, President, Illinois Branch National Single Comb Red Club, Grafton, Ill. 10-2

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ROSE AND SINGLE COMB Rhode Island Reds. Tuttle, Tompkins and Caswell strains. Palmer, 1132 Forest Avenue, Wilmette, Ill. 9-3

SINGLE COMB RHODE ISLAND RED cockerels and pullets. Golden Wyandotte cockerels. Red and Black Tumbler pigeons. H. M. Wells, Caldwell, Ohio. 9-3

NO BETTER REDS THAN OURS. Rose or single comb. We are selling young and old stock at moderate prices. Ours are the egg laying, prize winning kind, and genuine Reds. Bixby and Bixby, Council Bluffs, Ia. 9-3

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RHODE ISLAND WHITES are gaining in popularity daily; our 1910 youngsters are beauties; get started for 1911 with a trio or pen; free catalogue. E. C. Bartlett, Box 600, Bordino, N. Y. 11-3

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ROSE COMB BLACK MINORCAS—5 cocks, 50 hens and 50 cockerels for sale; trapped stock with the best blood lines in America. Frank Musschl, Jefferson, Wis. 11-3

FINE STOCK FOR SALE of Rose Comb Black Minorcas, Northrup strain; 50 choice breeding hens, 2 cocks, a few pullets and cockerels; write your wants. B. D. Staley, Chambersburg, Pa. 11-3

MINORCAS—ROSE COMB Black Minorcas, Northrup strain; choice cockerels for sale. E. T. Clouser, Watervliet, Mich. 11-3

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ROSE COMB WHITE MINORCAS—Cockerels from state winners for sale. Frank Fellwick, Monett, Mo. 11-1

ST. LOUIS WINNERS—ROSE COMB White Minorcas; exhibition and fancy breeders. Thos. Brogden, Rush Lake, Wis. 11-1

NORTHUP'S MINORCAS—The world's best list free; buy direct from Marcus Allen Northup (formerly with Geo. H. Northup & Son), Orangeburg, N. Y. 11-3

ROSE COMB BLACK MINORCA pullets, \$1.00 each. L. A. Klock, West Burlington, N. Y. 11-1

MINORCAS, S. C. BLACK—Winners of 116 premiums, including Ohio State Championship last season; the quality stock you want, guaranteed to please. Chas. W. Helman, Waverly, Ohio. 11-3

FOR SALE—SINGLE COMB Black Minorcas from trapped hens and of the great egg producing Bluegrass strain. R. S. Oetzel, New Richmond, Ohio. 10-3

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ROSE COMB BLACK MINORCAS exclusively. Northup, Sutton, Mishlers strains; 14 years breeding this one fowl exclusively. Will win in strongest competition. Insure satisfaction. Send for circular. J. D. Stevenson, Coshocton, Ohio. 9-4

ROSE COMB WHITE MINORCAS. Fred Alger, Waukau, Wis. 9-3

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ANCONAS—SINGLE COMB cockerels, for sale, reasonable. Leo Van Hess, R. 5, Box 47A, South Bend, Indiana. 11-3

ANCONAS—Both Combs; marvelous egg-producers; I won every 1st and 2nd at Chicago; have you sure winners? Write me. Dr. Guy Blencoe, Vice President International Ancona Club, Alma Center, Wis. 11-3

BURNHAM'S ANCONAS—WINNERS where-ever shown; greatest layers; grand cockerels, trios and pens for sale; correspondence invited. H. L. Burnham, Strongsville, Ohio. 11-3

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ANCONA COCKERELS. Winning strain. High quality. Low price. P. E. Gregoire, Newton, Ill. 10-3

SHEPPARD'S FAMOUS ANCONAS, Berea, Ohio. The world's best. See display advertisement, second last page. 10-6

LANGSHANS.

BLACK LANGSHANS—Some extra fine show birds, with score cards; also a lot of choice breeding stock for sale. M. S. Barker, Box 20, Thorntown, Ind. 11-3

U-NEED BREEDERS for better Black Langshans; I have that kind; winners and layers; write. Arthur Fretz, Canal Dover, O. 11-3

BLACK AND WHITE LANGSHAN cockerels, \$1 to \$3 each. J. E. Adams, Hutsonville, Ill. 11-3

BLACK LANGSHANS exclusively scored cockerels for sale. Mrs. M. L. Shroyer, New Windsor, Ill. 11-3

WHITE LANGSHANS bred from the first prize cockerel of the Illinois State Show; scored 94%, by Rhodes. Both young and old stock for sale. Pairs, \$4; trios, \$5; pens of 5 hens and cock, \$10. Cedar Lawn, R. 2, Rutland, Ohio. 10-3

"BLUE RIBBON" WHITE LANGSHAN cockerels from best breeding pen headed by Duke Delmo, \$1.50 each; great bargain. George L. Gebhardt, Pleasantville, Ohio. 9-3

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5 HOUDAN HENS and one cock; winners of first at Pittsburg and Beaver Valley; for sale cheap. Dosh Anderson, Beaver, Pa. 11-1

MAGNIFICENT HOUDANS—A few pairs, four dollars. W. Charles, Hornell, N. Y. 11-3

HOUDANS—Some dark cockerels from McAvoy's No. 1 Pen, for which I paid him \$25.00 a setting. They are dark, long backed, vigorous show birds and will please most exacting. R. A. Church, Seneca Farm, Lock Box 258, Davenport, Iowa. 10-3

MY HOUDANS ARE CHAMPIONS of the show-room. Winning more firsts and specials at Cleveland, Pittsburg, Columbus and Toledo, than all competitors. Unexcelled as layers. Breeders and exhibition stock for sale. Catalog free. Scott Clark, Sullivan, Ohio. 9-3

HOUDANS. WINNERS at Minneapolis and Chicago for several years in succession. Good ones for sale. H. M. Sparboe, Webster City, Iowa. 9-3

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SILVER SPANGLED HAMBURG cockerels, \$1.50 to \$5.00 each. Frank Heilman, North Judson, Ind. 11-3

SILVER SPANGLED HAMBURGS—40 good cockerels, \$1.25 up. Chas. Laughlin, Bloomfield, Ind. 11-3

SILVER SPANGLED HAMBURGS, "Black Diamond" strain. Two firsts at Madison Square. More firsts at Columbus, Mansfield, Greenwich, Detroit than all competitors. Show birds. Breeders. Circular. Will L. Clark, Sullivan, Ohio. 10-3

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PARTRIDGE COCHINS—Prize winners, young and old stock, at reasonable prices. A. F. Lehman, Toulon, Ill. 11-2

BUFF COCHINS—The rich in color, heavy feathered kind. Prize winners wherever shown. Luther Ulum, Keswick, Iowa. 11-1

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LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr.

RARE BARGAINS IN GOLDEN and Silver Sebright, Buff and Black Cochins Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 8-10-1 yr

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WHITE CRESTED BLACK Polish cocks, cockerels and trios. T. Kuechenmeister, 4838 Cullom Ave., Chicago, Ill. 11-3

WHITE CRESTED BLACK POLISH. Catalogue free. Snowball Poultry Yards, Ft. Wayne, Ind. 11-3

WHITE CRESTED BLACK POLISH. Old stock scored by McClave. Fine young stock. Alice Rawson, Big Rock, Ill. 11-1

GAMES, AS NEAR PERFECTION as can be raised. Indians, Black, Reds, and Heathwoods. Send for circular and prices. Mention Journal. C. D. Smith, Fort Plain, N. Y. 11-3

SUPERB WHITE INDIAN GAMES. A few pairs four dollars. W. Charles, Hornell, N. Y. 11-3

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LIGHT BRAHMA cockerels, good quality. Show stock a specialty. Circular. J. W. Schreiber, Sibley, Iowa. 11-3

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IMPORTED ENGLISH RED CAPS. Old and young stock for sale. Raymond Weidenfeller, Mineral Point, Wis. 11-3

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BLUE ANDALUSIANS. Winners Hagerstown, Allentown, Baltimore, Jamestown, Washington. H. Council, Specialist, Warrenton, Va. 11-7

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BUCKEYES EVENTUALLY! WHY DELAY? Beautiful "Kentucky Cardinal" strain. Eugene Cowles, Shelbyville, Ky. 11-3

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AMERICAN DOMINIQUES. AT NEW YORK. December, 1909, our birds won four of the five first prizes offered. Stock for sale. Price list free. William Davenport, Colrain, Mass. 10-3

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H. V. MEEKER, TOLEDO, OHIO, has a carefully selected strain, special prices. 10-3

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WHITE FACE BLACK SPANISH cockerels, \$1.50 each. Winnie White, Watson, R. R. 1, Illinois. 9-3

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PIT GAMES—SIX STRAINS. The best that experience can produce—winners everywhere. Send for circulars. Also cockers supplies. W. C. Byard, Walnut Hills, Cincinnati, Ohio. 10-3

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CORNISH INDIAN COCKERELS, \$2.00 each. W. Grinyer, Eleroy, Ill. 11-1

CHOICE CORNISH COCKERELS, sired by first cockerel at Cleveland. Write your wants and I will quote prices. All birds sold on approval. Dr. R. B. Munn, Box 132, Hampshire, Ill. 11-3

CORNISH FOWL. YOUNGSTERS from my imported cock Stannator. Cir. free. R. D. Reider, Middletown, Penna. 9-3

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ATTENTION! JAMISON BROS., the baby chick specialists, are now booking orders for baby chicks. S. C. W. Leghorns, R. I. Reds and White Plymouth Rocks. Best strains. Order early, safe arrival guaranteed. Robin Hood Poultry Yards, Havre de Grace, Md. 11-3

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BRONZE TURKEYS, LARGE FRAME, big boned birds, Pearl guineas. Oak Grove Farm. R. 34, Box A, Peoria, Ill. 11-3

MAMMOTH BRONZE TURKEYS. Yes, lots of them cheap for the next 30 days; also Buff Rocks. Write me for prices, description and sample feathers. Samuel Elkins, Route 10, Montpelier, Ind. 11-3

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160 MAMMOTH BRONZE TURKEYS, raised from first and second toms at Chicago and Minneapolis. Have raised toms weighing to 48 pounds. Barred Plymouth Rocks raised from Chicago prize winners. Forde Bros., Mabel, Minn. 10-3

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 1032. 2-11

DUCKS.

INDIAN RUNNER DUCKS, Mottled Anconas, R. I. Reds. Bargains in drakes, cockerels and trios. Euclid Poultry Farm, Benton Harbor, Mich. 11-3

FOR SALE—Beautiful dark green Muscovy ducks, \$5.00 a trio. Mrs. Fred Allen, West Hinsdale, Ill. 11-3

FOR SALE—FINE domesticated Mallards for decoys or breeding. Orser, 150 La Salle St., Chicago. 11-1

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PEKIN DUCKS (Rankin and Japanese direct). Extra large stock cheap. Springbranch Poultry Farm, Bellville, O. 11-3

THOROUGHBRED DARK Muscovy drakes, prize winners. \$2.50 apiece. Charles Masters, Ashland, Ohio. 11-1

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INDIAN RUNNER DUCKS—Trios, extra good breeders, \$7.00; choice, \$9.00. Our drakes have fawn head and tail. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 10-3

FRIZE WINNING STRAIN of heavy laying Indian Runner ducks from imported stock. Mated not akin. Oak Grove Farm. Box A, R. 34, Peoria, Ill. 9-3

YOUNG INDIAN RUNNER ducks from heavy laying strain, well matured, mated not akin. Duck and drake, \$2.00. Now ready to ship. Place order at once. C. J. Yoder, Grantsville, Md. 10-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1 yr

FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1 yr

GEESE.

EMBDEN AND WHITE CHINA GEESE. Indian Runner ducks. M. K. Anthony, Waldo, Ohio. 11-4

MAMMOTH TOULOUSE GEESE sired by 26-pound Ganders. Nelson's, Grove City, Pa. 11-3

PRIZE WINNING AFRICAN and Toulouse Geese. John Worley, Mercer, Pa. 10-3

EMBDEN GEESE, \$3 each. Miles Funk, Route 5, Chambersburg, Pa. 10-3

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MAMMOTH BRONZE TURKEYS and Embden Geese for sale; 2 years old. George Weber, Route A 54a, Attleboro, Mass. 11-1

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OAKWOOD POULTRY FARM White Plymouth Rocks, S. C. White Leghorns, S. C. Buff Orpingtons. Line bred. Cockerels for sale. Fox River Grove, Cary Station, Illinois. 11-3

CHOICE NARRAGANSETT TURKEYS. Toms, \$5 each; hens, \$3.50 each. Black Langshan cockerels, \$1.50 each. M. Mitchell, R. 7, McLeansboro, Ill. 11-3

WHITE ROCKS, WHITE WYANDOTTES, and S. C. Buff Orpingtons. Prize winners during the last season. Fine breeding birds at reduced prices. Also young stock that will please. Don't fail to write me. Mrs. Jens Olafson & Co., Madelia, Minn. 11-3

M. B. TURKEYS, sired by 52-pound tom, score 97. Barred Rocks, world's best. Ike Hudnel, Milan, Mo. 11-3

MARCH HATCHED BLACK JAVAS, 30 Single Comb Rhode Island Red cockerels, \$1.25 each, 5 or more one shipment, Tompkins strain. Herbert Hodgson, Albion, Ill. 11-1

WINTER LAYERS. Select Black Langshans, \$2.00. Redheads, \$2.50. Guaranteed. L. S. Goldman, E. 37th St., Cleveland, Ohio. 11-1

CHOICE COCKERELS—WHITE ROCKS (White Ivory strain), S. C. Buff Leghorns (standard), Houdan hens and cockerels (Hummel), Indian Runner Drakes (Sawyer), all \$1.25 each. L. A. Esser, Blackwater, Mo. 11-1

PHEASANTS, CANADA GEESE, Black, Mallards, Teal, Canvasback, Redheads, Shorlarks, Cootie, Black Swan, White Swan, Pelican. Mohawk Pheasantry, Mohawk, N. Y. 11-3

TOULOUSE, EMBDEN, WHITE and Brown Geese, \$3 each; African and Wild Canadian, \$6 each; Egyptian, Swan, Pheasants, White and Bronze Turkeys. All varieties of ducks, \$2 each. Dawson Bros., Franksville, Wis. 11-1

COCKERELS—S. C. W. Leghorns, R. C. Brown Leghorns Black Spanish, Hamburgs, \$1.50 to \$2. Mrs. Emma Lee, Breckenridge, Minn. 11-3

2,000 COCKERELS FOR SALE, 15 different breeds. Send for special price list. Wertz Bird & Seed Store, Sioux City, Iowa. 11-3

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PARTRIDGE WYANDOTTES, White and Black Cochins Bantams. Several males and females of each variety for sale. Good show birds ready now. F. H. Snyder, Wakeman, Ohio. 10-3

CHOICE LOT OF UTILITY Houdan and Single Comb Buff Leghorn cockerels, excellent breeding. Birds, best blood in America, \$1.50 each. Geo. C. Schwegman, Richmond, Indiana. 10-3

R. I. REDS, BROWN and White Leghorns, Plymouth Rocks, Pekin Ducks. Big, lusty, free-range-raised stock. Exhibition quality. Low price. Satisfaction guaranteed. Circular. Jay Crawford, Frazeyburg, Ohio. 10-3

COCKERELS FOR SALE. Brown Leghorns, both combs; White Leghorns, S. C.; Buff Orpingtons, S. C. Price, \$1.00 up. G. B. Haskins, Wakeman, Ohio. 10-3

SINGLE COMB WHITE ORPINGTONS, Kellerstrass strain. White Wyandottes, White and Barred Rocks, Leghorns, Light Brahmas, and R. I. Reds, and Indian Runner Ducks. Utility, choice breeders and exhibition birds for sale at reasonable prices. Kinney I. Miller, Box T, Lancaster, Mo. 10-3

BARRED PLYMOUTH ROCKS, Black Cochins chickens and Angora goats for sale. Zepp and Son, St. Clair, Mo. 9-3

SEVERAL BREEDS.

FOR SALE—BLACK LANGSHANS. Brown Leghorns, White and Silver Wyandottes, Buff Cochlin Bantams and Colored Muscovy Ducks. Gus Norton, Union City, Mich. 9-4

JAPANESE, ROSE COMES, Frizzles, Polish, Cochias, Silkies, Sultans. No Circular. M. Hurd, Marshall, Mich. 9-3

BUFF ROCKS. Toulouse Geese, Rouen, and Mallard ducks, old and young stock now ready. Show stock a specialty, address Edw. Davidson, Carey, O. 12-09-1f

INDIAN GAME AND WYANDOTTE SPECIALIST. White and Cornish Indians, White, Silver Laced, Silver Penciled, Golden, Partridge, Buff and Columbian Wyandottes. Catalogue and winnings. H. J. Hunt 3rd, Bethesda, Md. 12-09-1yr

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GOLDEN PHEASANT MALES, young and old, \$3 and \$5 each. L. C. Taylor, Gibsonburg, Ohio. 11-3

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FOR SALE—GOLDEN Pheasants. Clean, healthy, 1910 early hatch. E. M. Peabody, Winthrop, Minn. 11-3

PHEASANT FOOD—I manufacture a full line of foods for the successful raising of Pheasants, Wild Ducks, Turkeys, Grouse, Quail and Partridges. Don't make a failure again this year by using home-made or inferior foods. Use the foods I offer which are exactly the same as are used on my farm, the most successful game farm in this country. Wallace Evans Game Farm, Oak Park, Ill. 3-tf

PHEASANTS, Wild Ducks, Geese, etc. Write for prices. Wallace Evans Game Farm, Oak Park, Ill. 3-tf

RING NECK PHEASANTS.—Wanted young ring neck pheasants for early delivery, must be good, healthy stock. Can also use a limited number of old birds. State lowest price and number can furnish. W. B. Cain, 5744 Erie St., Chicago, Ill. 9-10-1f

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DO YOU WANT QUALITY in Rufus Red Belgian Hares? Jos. B. Connihan, Grandview St., Wheeling, W. Va. 3-10-1yr

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TRAINED FERRETS: ferret harness; muzzles; perforated sacks; rabbit net; ferret and pheasant books; catalogue free. Wallace & Son, Lucas, Ohio. 9-10-1yr

FERRETS: FINEST STOCK in America; circular free. Nelsons Kennels, Grove City, Penna. 9-3

3000 WHITE AND BROWN Ferrets for sale, the right size for hunting rabbits and rats. C. E. Crow, New London, O., R. F. D. No. 3. 9-5

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PIGEONS—MONDAINES, CARNEAUX and crosses. Mated banded, working pairs. Get my prices before buying. Johnson's Farm, Boydton, Va. 11-3

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FOR SALE—EXTRA fine Fox Terrier Pups. John Craig, Heyworth, Ill. 11-1

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GUINEA PIGS—Good assortment, farm raised Guinea pigs at 50c each. H. Colter, Rock Creek, Ohio. 9-3

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HART'S "NEW IDEA." The best egg producer on earth; send me your address and let me tell you about it. Walter G. Hart, Shreveport, La. 11-3

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KEEP YOUR POULTRY ACCOUNTS in the Standard Poultry Account Book. 25c per copy postpaid. H. L. Breckman, Pub., Lombard, Ill. 10-6

SIMPLICITY POULTRY ACCOUNT BOOK classifies income and expenses. So ruled as to show at glance where losses, if any, occur, allowing better profits. Fifty cents postpaid. H. L. Engle, Box 87, Montclair, Colo. 10-3

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50 VISITING CARDS 28c, 1,000 tags \$1.75, 1,000 envelopes \$1.80, 1,000 letterheads \$2.25. Illustrations free. Agents wanted. Fred A. Sotter, Douglassville, Pa. 8-6

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WANTED—Experienced poultryman to invest equally. Farm free; particulars. J., care this office. 11-1

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WANTED—THOROUGHbred STOCK, bargains considered at all times, especially in the market for females of the White Orpingtons, Buff Orpingtons, Buff Leghorns, Reds, Runner Ducks, etc. P. W. Frehe, Clarinda, Iowa. 11-1

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WANTED TO BUY some White Orpington hens, pullets and cockerels. Write, describing what you have, giving lowest prices. Smith Parmenter, Panora, Iowa. 9-3

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FOR SALE—Two female Angora goats. Mrs. Fred Allen, West Hinsdale, Ill. 11-3

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110-EGG CORNELL INCUBATOR, used once, practically new. This is a very high grade chestnut case, automatic moisture machine, cost \$16.50, will sacrifice for \$12.00. Also a Cypers Style A outdoor brooder, used once, cost \$15.00, will take \$11.00. H. Elsert, 1617 Wells St., Chicago, Ill. 11-3

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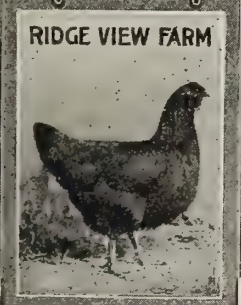
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Address, J. R. HUDSON, Hardin Springs, Ky. I have seen samples of Mr. Hudson's printing. It is very nice; he is perfectly honest.—EDITOR

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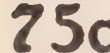
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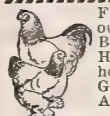


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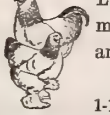


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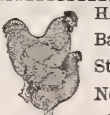
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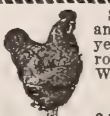
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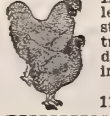
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Special Sale....

herst pheasants. One pair 2 yrs. old, well colored, large size. 12-09-1yr

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five dollars up; Tris, fifteen dollars up; pens, twenty-five dollars up. MOUNTAIN VIEW RANCH, Thirteenth So. and Co. Road, Salt Lake City, Utah, 10-10-1yr

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BARGAINS TURKEYS, 5 KINDS

Wyandottes, Orpingtons, Spanish, Houdans, Reds, Minorcas, Brahmas, Ducks 5 kinds, Geese, Guineaes and Ferrets. Won 143 prizes Indiana State Fair 1910. Oir. free. CHAS. SMILEY, R. 10, Judson, Indiana 1-10-1yr

WOOD'S WHITE WYANDOTTES

"USEFUL AND BEAUTIFUL" F. H. WOOD, Station C, Cortland, New York. 12-09-1yr

75

TOULOUSE AND EMBDEN GEESE, 75 Bronze Turkeys, 150 Indian Runner and Pekin Ducks, Barred Rocks and White Wyandottes. Get our prices if in need of best breeding stock.

J. BERT MCCONNELL

11-1 Ligonier, Indiana

Jumbo Bronze Turkeys

FROM BEST STRAIN IN America. Also Toulouse Geese, Black Langshans, Buff Orpingtons, R. I. Reds and Brown and White Leghorns that have won over 200 prizes. all go at half price. C. R. SMITH

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S. C. W. Leghorns Large Pekin Ducks

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MANDEVILLE'S

CAUYA DUCKS are hard to beat. I was awarded 1st, 2d, 3d premiums on pairs, 5 others competing, at Illinois State Fair, nineteen ten. Choice exhibition birds for sale. Address S. D. MANDEVILLE, Sidney, Illinois 11-1

**Perfection Non-Freezing Sanitary Fountain**

Increase your Egg Yield one-third by using this Fountain. Safe, Sanitary and Practical. Can be used the year round. Send for circular if you wish to know more about this Fountain.

Prices: 2-gal. size, \$2.50; 3-gal., \$3

Two cups for double pen duty, 25c extra. Send for cat.

Tomlinson-Lanphere Co., Dept. B, Detroit, Michigan

Hartman Stock Farm Poul. Yards COLUMBUS, OHIO

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale. Day old chicks from our best stock for sale from March 15 to June 1.

:: VASS' BUFF, BLACK AND WHITE :: ORPINGTONS

acknowledged the world's best. After June 1st I will offer eggs at less than half their value. This is chance of your life to get in line for some of my strains of Orpingtons. Never in my twelve years breeding Orpingtons have I had such youngsters as I have at present time large broad, deep bodies, heavy bone, shape and color to burn. As I was the first importer of Buffs to America and have won over 1,200 prizes, I believe I have some of the best birds in America today. June is month to hatch the winner for late winter shows and can furnish the eggs that will set you in line for blue ribbons. Write for prices. Booklet free. :: C. E. Vass, Washington, New Jersey

KING'S FAMOUS BARRED PLY. ROCKS AND SINGLE COMB WHITE LEGHORNS...

again prove their superiority by carrying off the highest prize at the great York Fair, having won the medal for the best cockerel in the show. I have 100 exhibition and breeding cockerels and pullets. Also 200 S. C. W. Leghorn Chicks for sale. My chicks are all raised on farm and are strong and vigorous.

G. M. KING R. F. D. No. 1, YORK, PA.

NONPAREIL Barred Plymouth Rocks

Winners of Highest Awards at America's Leading Shows

EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

150 Choice Breeders for Sale

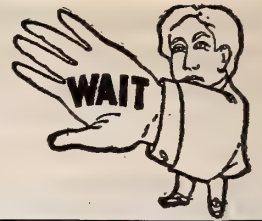
Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

Schwab Bros., Box 452, Irondequoit, N. Y.

EXHIBITION COOPS



NOW READY. Prices same as last year. Single size \$1; pen size \$2 each. SPECIAL OFFER: One dozen single and one pen size, \$11. One-half dozen single and one pen size, \$6.50. Special discounts in larger lots. We make a special 8-section coop for poultry associations. Everything furnished complete—canvas, tacks, nails—all ready to set up. We also manufacture the best trap nest in the world, besides other poultry house fixtures. Send for our catalogue.

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THE WORLD'S BEST

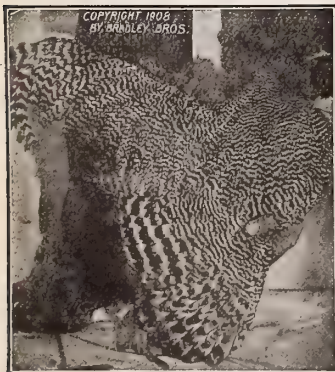
Champions at the world's greatest shows, including London, Eng., N. Y. City and Cleveland. In 1907-8 they won all the 1st and 2d prizes at Madison Square Garden in the largest Ancona class in the history of the big show. Have since won three times as many 1st and 2d prizes as all the other breeders together. In the great 1910 International show, in the largest and strongest class in the history of the world, my birds again distinguished themselves by winning three times as many **first prizes** and **silver cups**, and four times as many special club ribbons as all others combined.

: SPECIAL SALE :

of a large lot of handsome cockerels from my Madison Square winners, at reduced prices. Just what you want for new blood to build up your flock. A splendid lot of pullets and hens at reduced prices to make room for winter quarters. Single and Rose Comb. My stock have the **great egg record** of 256 average. Send for circular and prices.

H. CECIL SHEPPARD IMPORTER AND EXPORTER **BOX M2, BEREA, OHIO**
President Int. Ancona Club

11% MORE FIRST PRIZES TOTAL



World's Champion of 1906,
Our \$2,000 Male.

Winner of First Prize and Sweepstakes Special at New York's Greatest Barred Plymouth Rock Show, nearly 500 in line.

FIRST PRIZE WINNINGS at CHICAGO and KANSAS CITY, and the largest shows outside of New York, which OUR BIRDS HAVE WON FOR OUR CUSTOMERS would alone be sufficient to demonstrate the superiority of our strain.

ON BARRED PLYMOUTH ROCKS AT New York Shows

The Last 21 Years have been won by Birds we Bred and Raised than has been won by any other Exhibitor on ANY STOCK.

1st PRIZES ON COCKERELS More by 20 per cent.
1st PRIZES ON MALES More by 11 per cent.
Than any exhibitor has won on ANY STOCK.

☞ All of the Silver Cups competed for have been won by us, three times out of five.

☞ Four 1st, four 2d, three 3d Prizes besides other awards have been won by us at a single Madison Square Garden Show.

☞ THREE TIMES have Males of our breeding won FOUR OF THE FIVE PRIZES offered in the class, including firsts. 24 of our "LEE BELLE" Line of Females have been First Winners at New York Show alone.

First Prize in each of the two Largest Shows and the CHAMPIONSHIP PRIZE in what was considered the STRONGEST FEMALE COMPETITION OF THE YEAR, is a recent "LEE BELLE" record by BIRDS WE BRED, RAISED AND SOLD. We have permission to state this, also the other records referred to.

FIRST PRIZE WINNINGS at CHICAGO and KANSAS CITY, and the largest shows outside of New York, which OUR BIRDS HAVE WON FOR OUR CUSTOMERS would alone be sufficient to demonstrate the superiority of our strain.

SPECIAL—We are selling the finest lot of breeding and exhibition birds we ever offered for sale, both old and young stock, bred from these same lines of New York and Boston First Prize Winners. We also make a specialty of furnishing Carefully Mated Trios and Pens for breeding. Exhibition Cockerels and Exhibition Pullets—birds that can be DEPENDED upon for first class results. 25 of the Best Cock Birds we ever offered, now For Sale. Just right to mate with pullets for Best Results.

FREE: Illustrated Printed Matter telling of Winnings at Kansas City, Chicago, New York, etc.



Winner of Second Prize at New York Show

He and one of his sons, also a Winner at New York Show, each sold for one of the highest prices we ever received for a Barred Plymouth Rock male, both bred and raised by us.

Bradley Bros., : Breeders of First Winning Barred Plymouth Rocks :: **Box 909, Lee, Massachusetts**

The Latest Bantam!

My Rose and Single Comb Buff Bantams are the most beautiful Bantams ever produced. Bright, even, golden Buff from head to tail. Remember, I have them in Rose and Single Comb. Will spare a few eggs at \$10 per 13. No White Rocks for sale until fall.

Harry M. Lamon : Adams Center, New York

KING'S BAR'D ROCKS

are ready for you. They have won highest awards at America and Canada's leading shows. The best lot of old and young stock I have ever offered. Ready to ship out. If you need good stock birds and fancy breeders or top notch show birds, I can fit you out at reasonable prices, for quality. Every shipment guaranteed and subject to your approval. Write me for prices, stating plainly what you want. Circular free.

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S.C. BROWN LEGHORNS

Again and Again Winners in Hottest Competition

At Chicago, December, 1909—1st and 2d ck.; 1st and 5th ckl.
At Boston, 1907-8—3d, 5th ck.; 1st, 2d, 5th ckl.; 3d, 6th hen.
At Madison Square Garden, 1905—1st cock and 3d pullet.
At Chicago, 1905—2d ck.; 2d, 3d ckl.; 1st pul.; 1st pen; 15 sps.
At Indianapolis—1st cock; 1st cockerel; 1st pullet and 1st pen.

Unsurpassed in Quality. Like Begets Like.

A choice lot of youngsters for shows now ready for shipment.

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One hundred pages, handsomely illustrated. The best ever published on the subject, because it goes into details; illustrates and describes all the leading varieties.

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How to mate—How, when and what to feed—How to tell males from females—System of feeding—Training the racing Homer—Disease—Building and construction of houses—History and origin of the different varieties. The most complete pigeon book published.

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White Face Black Spanish—Young and old stock to be sold at sacrifice to make room for Orpingtons. Order early and get your choice.

Portage Poultry Yards, : Elmore, Ohio

S. C. BROWN LEGHORNS

Winners wherever shown and unexcelled as heavy layers. At Cleveland, 1910, won 1st ckl., 2d ckl., 2d hen, 3d pullet, 4th pullet on five entries. Stock for sale.

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WHITE ROCKS & R. C. WHITE LEGHORNS

Special prices on R. C. White Leghorn cockerels. In lots of three or more, \$1.50 each, for this month. Satisfaction guaranteed.

E. H. Reichert : : Virden, Illinois

White Ply. Rocks

Win again, as they usually do, the blue ribbons at the great Illinois State Fair in the hottest competition. 1st pullet and 2d cockerel. Having never shown without winning blue ribbons. I have a fine lot of young stock for sale that will land the ribbons for you. Write for prices.

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W. E. Jones, Prop. R. 20 Williamsville, Illinois

GET AFTER YOUR DEALER

DON'T LET HIM SIDE TRACK YOU
RESULTS COUNT EGGS COUNT
HEALTHY BIRDS COUNT
A GOOD BANK ACCOUNT COUNTS

Alpha Meal Orr's Digestible Mash Superior Scratching Feed

All count, and count like blazes. They help the other counts. If your dealer doesn't keep these goods, write me, but you keep at him.

Here's Just One, More Like It

Cornwall, N. Y., July 18, 1910.

D. Lincoln Orr, Esq., Orr's Mills, N. Y.

Dear Sir:—In reply to your letter of inquiry regarding my opinion of your new digestible mash, I would say that we have kept this food before the birds in our laying houses constantly since its introduction. We consider it the greatest egg producing food that we have ever used. To those desiring quantities of market eggs we would say—use Orr's Digestible Mash. Yours truly,

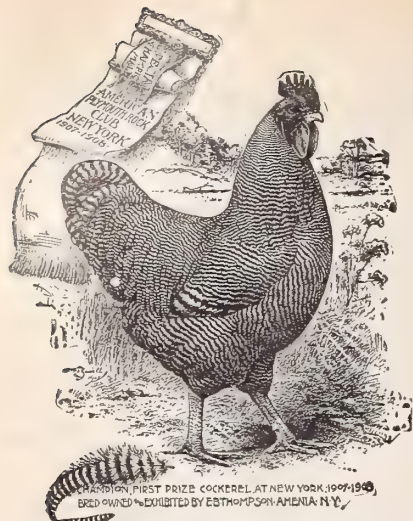
PALMER R. BOWDISH,

Breeder of Columbian Wyandottes, Single Comb Buff Orpingtons and Single Comb White Leghorns.

Send for booklet with prices and testimonials.

D. LINCOLN ORR, Mgr.

The Grove Products Co. 12th and Henderson Sts.
JERSEY CITY, NEW JERSEY



"RINGLETS" STAND ALONE, VICTORS OF THE FIELD . . .

At America's Imperial Show, Madison Square
Garden, New York, Winters of 1908 and 1909

E. B. THOMPSON'S BARRED P. ROCKS

As usual win the leading prizes and achieve the highest honors that can come to any breed. First prize on cockerel, first prize on cock, the Great National Silver Cup presented by the American Plymouth Rock Club for best cock, cockerel, hen and pullet. Double the number first prizes of any competitor. Special for best shaped male, special for best headed male, special on hen, special on pullet, the Sweepstakes Special in Gold for best Plymouth Rock on exhibition of either sex and any variety. The Imperial prize of the show, special for champion male.

At the 1909 New York Show my 1st Prize Sweepstakes Cup Exhibition Pen was Declared by Expert Opinion to be the Finest Ever Exhibited. A Paragon of Perfection, and created a Sensation as the Finished Achievement in Modern Barred Rock Breeding.

For more than twenty years at New York my "Ringlet" victories have been complete. Exhibited by me personally they have won a grand total of 127 prizes, 69 of these being firsts and specials, being more first and special prizes than won by any competitor in the history of the show. These include the \$100 Champion Challenge Trophy, won three times; the \$100 Association Cup, won three times; the \$100 Sweepstakes Cup offered by the President for best Plymouth Rock cock, cockerel, hen and pullet, any variety.

The "Ringlet" world's record at New York four years in succession is a page of history. The "Ringlet" record of first on exhibition pen three years in succession is the undisputed Champion. My clean sweep of FIRST, SECOND, THIRD, FOURTH AND FIFTH PRIZES on pullets has never been approached in Madison Square Garden, and stands alone and unequalled.

One thousand grand breeding cockerels for sale; elegant hens and pullets in any number. Show birds fit to win in any competition. Richly illustrated 58-page catalogue upon request; it is full of original pictures of New York winners from life. EGGS from the world's finest exhibition matings, one setting \$6; two settings \$11; three settings \$15; four settings \$18. Address

E. B. THOMPSON

Lock Box 510, AMENIA, N. Y.

ROYAL BLUE BARRED ROCKS



"ROYAL BLUE" First Prize Sweepstakes Champion Cockerel at New York, 1909.

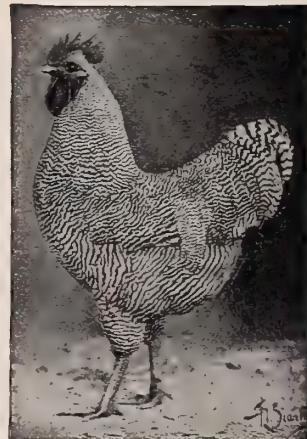
SWEEPSTAKES CHAMPIONS

—AT—

New York and Boston, 1909.

The "Royal Blue" Barred Rocks have produced more winners at the World's Greatest Shows for 25 years than All Others. I sold three Royal Blue Cockerels in my recent New York exhibit for \$500. I breed White Rocks, White and Columbian Wyandottes that win in strongest competition. 2000 CHOICE Exhibition and Breeding BIRDS FOR SALE at honest prices. EGGS from Prize Matings—1 Setting, \$5.00; 2 Settings, \$8.00; 3 Settings, \$10.00. \$25.00 per 100. Catalogue of America's finest Plymouth Rocks and Wyandottes free.

A. C. HAWKINS, Lock Box 25 Lancaster, Mass.



"BOSTON BLUE" First Prize Sweepstakes Champion and Lawson Cup Winner at Boston, 1909.

BUFF WYANDOTTES THE KIND THAT WIN

At Chicago, 1909, in one of the strongest classes of Buff Wyandottes ever shown in the West, my birds won 1st, 2d cock, 2d, 3d hen, 4th, 5th ekl., 2d pullet and 3d pen, besides several specials.

Special Sale For This Month

Four one- and two-year-old hens, mated to a yearling cock, for \$10. Trios \$8. Just one-half their real value. Write for price list of other bargains. Please mention American Poultry Journal.

Simon Beuth : : : : Box B, German Valley, Illinois

The "Norwich" Automatic Exerciser & Feeder

Is recognized by the leading poultrymen of the United States as the best, simplest and most practical Automatic Feeder and Exerciser on the market. It is GUARANTEED to be absolutely RAT, SPARROW and WEATHER proof. The same machine will feed four-weeks'-old chicks, growing stock and breeders or layers. Saves its cost in feed and labor six times a year. Increases egg production, hastens growth, prevents disease, stops loss and makes poultry keeping pleasant and profitable. Very simple in construction and operation; will not get out of repair and will last a life time. Send for our booklet explaining our 30-day free trial offer. We will also mail our Barred Rock or Light Brahma catalogue for 10c in silver or stamps. State which breed you want. But the Feeder booklet is free. Ask for it. Address River Home Poultry Yards, Box B, Perrysburg, Ohio

AMERICAN POULTRY JOURNAL



DECEMBER

1910

Pine Top Poultry Farm

Breeders and Exhibitors of Barred Plymouth Rocks and Single Comb White Leghorns

If you want winners for the fall or winter shows, single birds, pairs, trios, pens or any number, why not send to us? We won the majority of Blue Ribbons at Orange County Fair, New York; all the Blue Ribbons in both classes at Troy, N. Y., 1909; more Blue Ribbons and Specials than all our competitors combined, in both classes at Tri-State Fair, Memphis, Tennessee, 1909; first prize pen Single Comb White Leghorns, and many other places. Cup presented by the president of the National Single Comb White Leghorn Club for scoring the greatest number of points at Madison Square Garden, December, 1909, and January, 1910, and at Boston, Massachusetts, January, 1910, we won every Blue Ribbon in Single Comb White Leghorns and every Special, including the American Poultry Association Medal for the best male of all the Mediterranean class and in Barred Rocks, won many places and the Special for the best shaped female. If we can do all the above, why not send to us to help you out? Send for literature and particulars as we consider giving information a pleasure without charge. We have breeders, show birds, eggs for hatching and day-old chicks for sale in season.

J. H. Hallock, Prop. : Box 2, Hartwood, Sullivan County, N. Y.

Single Comb R. I. Reds

That are Red, That Stay Red, and Produce Stock That is Red



S. C. Red pullet. Rich, even red, with black tail and correct wing markings, oblong body; the laying type to be found in the Red Raven Strain.

We have two thousand head of extra choice stock
ready to ship, from the noted

RED RAVEN STRAIN

We have in this strain all the genuine Rhode Island Red qualities, intensified to the highest degree of perfection by 13 years of careful line-breeding. In buying stock and eggs of us you get the result of these years of labor, and get blood lines that reproduce themselves more perfectly each year. You have then as good stock as we have and don't have to start at the beginning.

Our stock will please you. In fact, we guarantee to please you or your money cheerfully refunded. Plenty of stock to select from. Prices of stock and eggs a matter of correspondence. Write for free two-color catalogue.

J. G. Budde & Co. : Oak Park, Illinois

BUFF AND WHITE ORPINGTONS

The Oldest Specialty Breeders in the U. S.

Our show record on Buffs at Madison Square Garden, N. Y., is unequalled---winning silver cup for best display, showing only nine birds and having seven points more than our nearest competitor. In same show also won handsome silver cup for best cockerel. Our winnings at Chicago, where we won more firsts than all competitors, cannot be equalled. **Can there be any question where you should order your stock and eggs?** Send for free mating list. We are quoting special prices to close out some grand breeding stock at this time. We breed for quality, health, vigor and egg production. Write your wants.

J. M. Williams & Co., Box B, North Adams, Michigan

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THE UNDEFEATED
CHAMPION STRAIN
OF AMERICA

¶ Winners of blue ribbons, silver challenge cups, medals, gold specials and many other coveted honors at every noted show in the country and in the strongest possible competition. ¶ REMEMBER, no matter where you want to show, no matter what the competition, we can furnish the winners. ¶ Send for 80-page fully illustrated book on the Houdan. It gives full descriptive matters on the Houdan. "It will put you wise." Postage twenty cents. Please mention American Poultry Journal when writing.

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Chickens Noted For Success

ARE WHAT YOU WANT

The Newtown White Leghorn chickens are world-famous for purity of strain, vitality, egg-laying qualities, exhibition purposes—in short for money-getting. These are the points you want in your stock if you mean to be successful in chicken raising. We are ready for your orders now in

Breeding Stock and Exhibition Birds

FROM

Poultry of Proven Profit

Write us today just what you want for the present or for the future, and we will give you the benefit of our experience and success. You'll never regret that first letter addressed to the

Newtown Producing Co., Box 173, Newtown, Bucks Co., Pa.



CALDWELL'S "BABY CHICKS OF QUALITY" FISHEL STRAIN WHITE PLYMOUTH ROCKS



S. C. White Leghorns Barred Plymouth Rocks Single Comb Rhode Island Reds

From exceptionally heavy egg laying utility matings and the choicest selected exhibition pens. Each variety the best product of an expert breeder. Are strong, healthy, vigorous, liveable chicks. Southern orders a specialty now. Am booking orders for spring deliveries. Send six cents in stamps for my handsome catalogue.

They will please you, make money for you and prove a good investment

R. C. Caldwell, Box 1021, Lyndon, Ross County, Ohio

Rudy's "Perfection" White Wyandottes Win

AT CHICAGO, KANSAS CITY, NASHVILLE, PEORIA, SPRINGFIELD, ILLINOIS
21 FIRSTS Out of Possible 25 PREMIUMS

I can sell you winners
for every show in the
country

**1,000
BIRDS
FOR SALE**

of correct Wyandotte
type, white as snow.



First Prize Pen, Nashville, Tennessee, September, 1910

My customers win
with my birds in hot-
test competition

**1,000
BIRDS
FOR SALE**

that will win for you
as well as they do for me

Send For My New Art Catalogue. Absolutely the best ever gotten out by a White Wyandotte breeder, gives full information, how to succeed, how to take care of baby chicks, what to do when your fowls are sick. An article of how I fit birds for the show room is worth dollars to any breeder. Send 10 cents in stamps to help pay cost of mailing, etc.

GEO. H. RUDY : BOX A : MATTOON, ILLINOIS

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READ THIS WONDERFUL FALL OFFER THE CHICAGO HOUSE WRECKING COMPANY

OUR LARGE STOCK INCLUDES

everything from a needle to a locomotive. It is the largest stock of manufactured articles to be found under the sun. It is bargains everywhere.

Seventeen years of honest dealing besides our capital stock and surplus of over \$1,000,000.00 is your absolute protection.

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PRINT LINOLEUMS.

MP-59. A Splendid grade of Print Linoleum in exact imitation of quarter sawed oak. 6 ft. wide. Per sq. yd. **39c**

MP-61. Patterns of extra heavy grade Print Linoleums. All colors; 2 to 24 yds. wide. State colors wanted. Price per sq. yd. **42c**



MAGNIFICENT SUIT LESS THAN COST

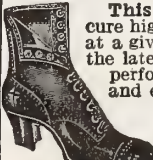
We captured an Entire Stock at a ridiculously low price. You get the benefit. Handsome black cheviot suit, newest model, tailored by experts. Coat round sack style, vest popular single breasted. Notice—We send with this suit an extra pair of pants. Cut latest mode. Color, gray; guaranteed.

25-A-52. Suit with extra trousers. **\$4.95**

LADIES' PATENT COLT BLUCHERS.

This is a rare opportunity to secure high grade patent leather shoes at a give away price. They are made the latest city style. Dull mat top, perforated toe caps. Cuban heels and extension sole.

Sizes 2 1/2 to 8; Width C. D. E. and E.E. Price per pair only **\$1.00**
Price per dozen **\$10.80**



Comfortable Rocking Chair.

2-A-754. Boomy, Comfortable Parlor or Library Rocker. Richly designed and embossed golden oak frame. Indestructible spring seat. Broad, diamond-tufted back, softly upholstered; broad arms; large, handsome, durable. Covering is black drill in imitation leather. Retail value \$7.00. Our price. **\$3.95**



MEN'S PATENT BLUCHER SHOES

While they last 5,000 pairs of Men's Patent Colt Blucher \$3.50 Shoes, at a saving to you of \$1.55. We took the entire output of the factory. This is perfect fitting shoe. Sizes 6 to 11. Widths C, D, E and E.E. Price per pair **\$1.95**
Price per dozen pair **\$21.00**



LADIES' ALL WOOL SKIRT.

All Wool Panama Skirt. Made the very latest "Tunic effect." Beautifully trimmed with silk soutache braid and satin covered buttons. Nobby and dressy. Made to sell at \$7.50. Your money back if you don't like it. Colors black or blue. Sizes 22 to 30 in waist, 37 to 44 front. 27-A-110. Price (Postage 16c) **\$2.65**



OUR FAMOUS WOOL SPUN BLANKETS.

24-B. This is our Wool Spun Blanket. Woven from yarn especially prepared. Ends have deep fancy borders and are finished with silk tape. Soft, warm, comfy. Color, gray. Does not show soil quickly. Positively guaranteed. Size 62x78 ins. Shipping weight about 4 lbs. A big bargain. Price per pair **\$1.98**



5000 FLEECE SHIRTS 35c.

Regular Standard Heavy Weight, heavily fleeced, close knit Underwear, made from specially selected cotton. Made for good, hard wear and are soft and warm. 50c value. Color, light brown. 24-B-4000. Undershirts, 24 sizes 34 to 46, price, **35c**
24-B-4005. Drawers, sizes 32 to 44 ins. waist measure, price **35c**



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Lot No. 923. Common Star A. Star 6 to 2, 16 in. Red Cedar Shingles, 6 in. clear butt. Price per 1000 **\$2.10**
These shingles are an excellent grade for repair work, just the kind to use for covering sheds, barns and other buildings of like character. We sell many better grades. Red Cedar, White Cedar, also Fancy and Square Butt Dimensions Shingles at low prices.



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This Ladies' Mannish Tailored Suit made of Thibet cloth. You could not buy the material alone at our price for this suit beautifully made, stylish and perfect fitting. It is single breasted, straight front, semi-fitted back. Colors black or navy blue. Sizes 32 to 44 in. bust measure. Shipping weight 5 lbs. Price only **\$4.95**



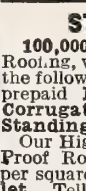
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Everything needed in Plumbing Material. Our prices mean a saving to you of 30 to 60 per cent. Here is an illustration of a bathroom outfit we are selling at **\$37.50**. Your plumber about \$60.00 for this same outfit. Our Catalog describes them in detail. Write us today.



STEEL ROOFING.

100,000 Squares of new Steel Roofing, which we are now selling at the following price, freight prepaid Flat per square **\$1.60**
Corrugated V Crimped or Standing Seam. Per sq. **1.85**
Our High-Grade Galvanized Rust-Proof Roofing at prices ranging from \$3.00 per square up. Send for our Roofing Booklet. Tells all about our freight prepaid offer.



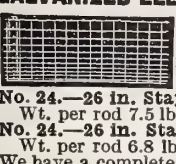
HIGH QUALITY SMYRNA RUGS.

M. P. 45. Heavy, reversible Smyrna Rug. Handsome oriental pattern. Red or green ground; border colors tan, blue or red. Can be used either side up. Offered to you at exactly one-half its value. State colors wanted when ordering: 30x60 in. **\$0.78** 36x72 in. **\$1.50** 6x9 ft. **\$3.25** 9x12 ft. **\$6.95**



GALVANIZED ELECTRIC WELD FENCING

We secured this Fencing at Salvage Sale. Aside from being weather beaten it is as good as new. No. 24.—26 in. Stays, 6 in. apart. Wt. per rod 7.5 lbs. Price per rod. **18 1/2c**
No. 24.—26 in. Stays, 12 in. apart. Wt. per rod 6.8 lbs. Price per rod. **16c**
We have a complete stock of Wire and Fencing.



NEW LUMBER.

Lot No. 901. Yellow Pine Ceiling; Matched and Beaded; Standard Lengths; Bright; Kiln Dried. No. 2 grade 1x4. Per 1000 ft. **\$13.50**
This is only one item out of our 20,000,000 ft. of Building Lumber. Our General Merchandise Catalog lists a thousand other equally good bargains from the lowest grade Sheathing Lumber to highest quality Hardwood Flooring



ELEGANT OAK DRESSER.

1-Z-852. An Astonishing Oak Dresser Value. Colonial style, 4 drawers, brass pulls, safe locks, French bevel plate mirror 24 ins. high; rounded frame, neatly carved top, rounded scroll standards, shapely dresser top 40x19 ins. Good casters, splendid golden finish on solid oak. Worth dbl. Price only **\$6.00**



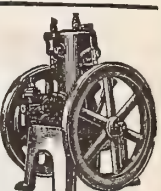
HIGH-GRADE MILLWORK.

Lot No. 5858. Size 2 ft. wide, 6 ft. high; 1 1/2 in. thick; Ea. **\$1.14**
25 carloads of doors, all kinds and grades in different wood at carload lot prices. Millwork of all kinds from 2c Corner Block to a Colonial Front Entrance Frame at. **\$3.75**
Every article guaranteed. Send for our general catalog.



Superior Gasoline Pumping Engine.

The finest ever for pumping water, running cream separator, etc. Complete with trimmings. Full instructions for installing and operating. Sold on 30 days free trial. 2 H. P. Price. **\$36.00**
4 H. P. Price. **\$64.00**



SEND US THIS COUPON

Chicago House Wrecking Co.:

I saw this ad. in American Poul. Journal (186)

I am interested in _____

Send me your 1000 page catalog.

Name _____

Town _____

Co. _____ State _____



THE PRICE WRECKING CATALOG. HOW TO ANSWER THIS AD.
We publish a 1,000 page handsomely illustrated catalog that we call "The Price Wrecker." It is a book descriptive of our operations. It explains our purchases at Sheriffs' Sales, Receivers' Sales and Manufacturers' Sales. The goods are shown true to life and fully described. Our broad, binding guarantee is fully outlined. The liberal terms we make our customers have made us thousands of friends everywhere. No chance for you to go wrong. Your money back if you are not satisfied is the key-note of our business methods. Low prices combined with quick, accurate service has given us a vast army of satisfied customers. Our Catalog is the most wonderful book published anywhere. Each one costs over \$1.00 to produce, yet we give it to you absolutely free without obligation of any kind. Just fill out the coupon in the next column and send it to us at once, and we will immediately mail you free of all charge this magnificent Economy Guide, "The Great Price Wrecker." If there are any special articles you are interested in say so on this coupon. We will give you complete information.
CHICAGO HOUSE WRECKING CO., 35th and Iron Sts., CHICAGO.

TECKTONIUS SINGLE AND ROSE COMB BUFF LEGHORNS

Undisputed World's Best

Offers 300 Single Comb Cockerels at \$3, \$5 and \$8 per head; also 300 good utility breeding hens and pullets at \$18 and \$24 per dozen. See my ad at top of page opposite first reading page of this journal. : : :

F. A. Tecktonius, Route 7, Racine, Wisconsin

Hoover's Barred Ply. Rocks

Have been winning the blue ribbons at the leading shows for years and their quality is undisputed. The stock is farm raised, and is therefore healthy and vigorous. This combined with right breeding makes quality of the very highest

1,000 Birds For Sale

Many of them fit to win in any show in the country. If you want to win at the winter shows; if you want birds for the breeding yard; if you want cocks, hens, cockerels or pullets of highest quality; write us. No better birds than ours are to be found anywhere. A poultryman who was sent out to look over our stock and plant reported as follows: "They have the finest bunch of cockerels I ever saw and you cannot speak too highly of them." That's what you will say too, if you see our stock. Let us tell you about them in our catalogue. It's free for the asking. If you want to win at any show, tell us and we will fit you out. All birds shipped on approval. Mention American Poultry Journal.

Wm. H. Hoover

:-

Route 2, Box 4, Polo, Illinois

BLUE RIBBON BLACK ORPINGTONS



BLUE RIBBON BLACK ORPINGTONS
BRED & RAISED BY BLUE RIBBON POULTRY FARM
COLUMBUS, INDIANA

The greatest money-makers in the world today. The most pounds and the greatest number of eggs. Laying right through the coldest winters, when eggs are eggs.

Great Cockerel Sale

In December we will sell 500 grand breeding cockerels from our best blood as follows: The first hundred at \$12.50, the second hundred at \$10, the third hundred at \$7.50, the fourth hundred at \$5 and the fifth hundred at \$2.50. Every bird of excellent type and color; many of them show birds of merit. Also 200 grand yearling hens at from \$5 to \$10.

High-Grade Show Birds

We won EVERY BLUE RIBBON at Indiana and Illinois State Fairs. Every bird bred and raised on our own farm. We have the right bird for the right place for the right price. Send for our free catalog, describing the largest specialty Black Orpington farm in the world.


BLUE RIBBON POULTRY FARM
Black Orpington Specialists - Columbus, Indiana

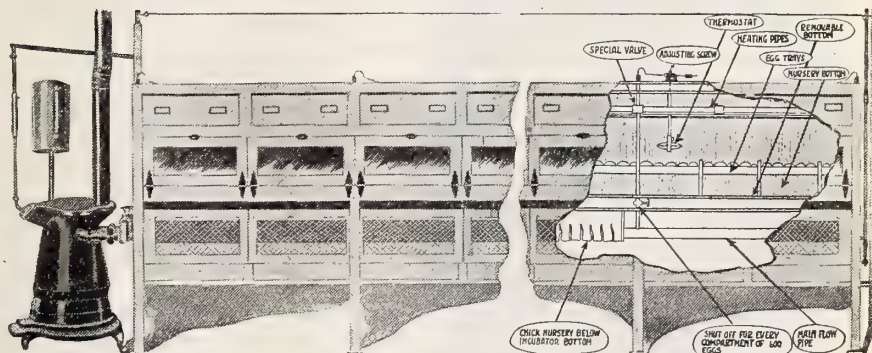


FIRST PRIZE COCKEREL
AT INDIANAPOLIS, SEP. 1910
BRED & RAISED BY BLUE RIBBON POULTRY FARM
COLUMBUS, INDIANA

Enlarge Your Poultry Business

Candee Incu-Brooders and Brooding Systems Will Pay You a Steady Profit Each Season

 Poultry and Eggs never brought such prices as prevail today. Now is the time to enlarge your business and reap the golden harvest.



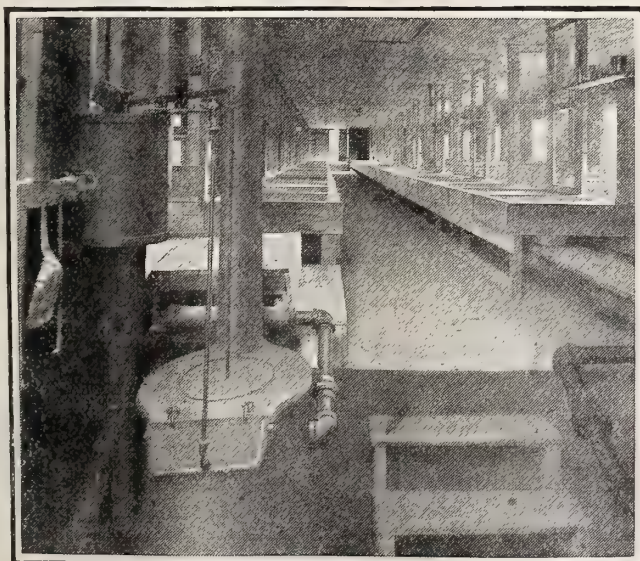
Incu-Brooder For Custom Hatching and Baby Chick Trade

Lowest Cost of Operation -- Because only compartments in use are heated, saving coal.

Easiest to Operate -- Takes but two minutes, night and morning. Outside weather conditions cannot affect it. No float to get out of order.

Highest Efficiency -- Because heat of each compartment is controlled by a separate thermostat.

Best Results -- Because you save on your coal, time and labor and gain in the percentage of chicks hatched, making the greatest possible profit.



Candee Hot Water Brooding Systems

Simplest -- Requiring but four pipes, against six in every other system. Result: quicker installed and the initial cost is less.

Easiest to Tend -- Require but a minute night and morning, regardless of size.

Healthy Heat -- No danger from oil or fire and no fumes. Result is healthy chicks.

Lowest First Cost -- Less than installation of equal capacity of oil heaters.

Lowest Running Cost -- Coal cost less than oil cost for equal capacity.

INCUBATORS
BROODING SYSTEMS
HEALTHFUL HOVERS
HOT WATER HEATERS
DAIRY HEATERS
HOUSE HEATERS

Send To-day For Free Catalogue

Tells you all the facts concerning Candee outfits, costs, results, etc.

CANDEE INCUBATOR AND BROODER COMPANY Department 2 De Witt, N. Y.

Pedigreed White Rocks



Winner of Spratt's Cup at St. Louis, Dec., 1909, for best Chk. In show, all breeds and varieties competing. 5,250 birds in show

Are steadily and surely "winning their way" in favor with all lovers of good poultry as well as in the show room. At the recent Missouri State Fair they won **twice as many ribbons as all our competitors combined.** Here is a partial list of our winnings:

1st pen, Taylorville, '06
1st pen, Ill. State Fair, '07
1st pen, Central Ill. Show, '07
1st pen, Ill. State Fair, '09
1st pen, Mo. State Show, '09
1st pen, Mo. State Fair, '10
1st cock, Ill. State Fair, '07
1st cock, Central Ill. Show, '07
1st cock, Mo. State Fair, '08
1st cock, Ill. State Show, '09
1st cock, Ill. State Fair, '09
1st hen, Taylorville, '06
1st hen, Central Ill. Show, '07
1st hen, Mo. State Show, '08

1st hen, Ill. State Fair, '09
1st hen, Mo. State Fair, '10
1st cockerel, Taylorville, '06
1st cockerel, Decatur, '07
1st cockerel, Central Ill. Show, '07
1st cockerel, Ill. State Fair, '09
1st pullet, Taylorville, '06
1st pullet, Ill. State Fair, '07
1st pullet, Central Ill. Show, '07
1st pullet, Farina, '08
1st pullet, Ill. State Show, '09
1st pullet, Ill. State Fair, '09
1st pullet, Mo. State Fair, '10

Our **Pedigreed White Rocks** are also winning right along in the hands of our customers. When once you give our birds a trial you will raise none but the **Bickerdike Strain.** They are **trap nested** for eggs and are **great layers.**

A grand lot of exhibition birds, selected breeders and utility stock for sale. Circulars free. Write your wants to

J. A. Bickerdike : Box A : Millersville, Illinois



Don't RISK the LIFE of your CHICKS by Using FAULTY BURNERS

The burner is the most important part of your Brooder. If the burner is wrong there is great danger of losing your chicks and brooder, to say nothing of your time, labor and money.

Thousands and thousands of chicks are burned up every year because of poor burners. Experienced and successful poultrymen know that the

MILLER BURNERS ARE THE BEST

to be had regardless of price. For over 50 years we have been making lamps, burners, etc., paying special attention to the incubator and brooder line. We are now supplying about all of the leading manufacturers of hatching and brooding apparatus. When buying your next outfit see that the name "MILLER" is stamped on the burner. That name on a burner is equivalent to "Sterling" on silverware.

The **Miller Brooder Burner and Chimney** shown here may be had from most incubator manufacturers, poultry supply houses, seedsmen, etc. If they cannot supply you, we will forward same, post-paid, on receipt of \$1.00. Satisfaction guaranteed. Don't delay getting your brooder in good working order.

EDWARD MILLER & CO., 12 Center St., Meriden, Conn.



3/4
ACTUAL
SIZE
\$1.00
POSTPAID

Cheviot Farms

BUFF, BLACK AND WHITE

ORPINGTONS

SUPERLATIVE QUALITY AT MODERATE PRICES

We have now mated up some of our best pens for the egg trade in the Southern states. The prices will be from \$3 to \$30 per 15.

Our eggs are hatching winners in almost every state in the Union, Canada and Mexico. Here are two letters received today, one dated Nov. 1, 1910, Tacoma, Washington: "Last spring I ordered a setting of eggs from you, paying \$5 for same. Nine chicks hatched and one fertile egg was broken by the hen, one chick was killed by the hen, one chick died from unknown cause. The remaining seven, six pullets and one cockerel, are beauties, not a bird in the bunch but is worth more than the cost of the setting. Thanking you for past favors, I am, respectfully, C. A. Sturmer, 1213 S. 35th Street." This and several hundred letters like it show that we know how to produce fertile eggs and pack them so they will hatch any distance from our farms.

Here is another letter that came in same mail, dated Nov. 5, Roseville, O.: "Judge Platt of Toledo, representing R. P. Journal, was in town Monday evening and I had him look over my Orpingtons. He says that pullet 'Flossy' will score 96, and that I need not be afraid to put her up against anybody's pullet. According to his judgment there is not a pullet in the pen but will score 94. I feel very proud of my birds to have a man of Mr. Platt's experience pronounce them so good. I doubt if there is a better pen in this part of the state. Yours truly, H. U. G. Weaver." Mr. Weaver paid us \$5 for the eggs from which all these birds were hatched. He has a standing offer from us of \$150 for chicks hatched from a \$5 setting of eggs bought of us. He prefers to keep them. They are undoubtedly worth twice what we offered him.

Send for our booklet telling of the wonderful laying records made by chicks from our eggs in hands of customers. It will show that we have not forgotten utility in our pursuit of the fancy.

Here are some facts we want you to remember: Our egg customers have won on young stock from Boston, Allentown, Hagerstown to the Pacific Coast and from the Lakes to the Gulf!

Remember that in BUFFS we had one of the best strains in the country before we bought the Littell flock and made our sensational importations, including Crystal Palace winners, and last, but not least, added the famous BAKER BUFFS that won Judge Stanfield's trophy for best Buffs he judged last year at Madison Square, Chicago, National Club Meet at Cleveland, etc., etc. If we were able to win more prizes than we made entries before a single one of these tremendous additions were made, WHAT MUST BE OUR STRENGTH NOW?

In WHITES—Some of the oldest breeders in the land are today coming to us for their winners. Our Snow Lady was famous before we imported our sensational English birds—bear in mind that we imported the Champion Cockerel of England and Crystal Palace winning females. We have imported we think the very cream of England. Just today we got over twenty more grand cockerels with immense bone—grand type. We have pens all made up of the grandest big massive glistening white birds ever brought to America.

In BLACKS—But who does not know of our wonderful Blacks? So universal is the knowledge that we have the best Blacks in the world that we have to announce that we will not part with another superlative female—requiring all for our own immense egg trade. It is enough to say we still have Empress, most remarkable producer the world ever saw—the hen that fixed the type of American Blacks so that today the English cannot produce birds good enough to compare with our superlative Blacks.

We are now ready for the Southern egg trade, and also for the calls for exhibition stock in Buff, Black and White Orpingtons. Some of the cream of the Baker birds and also the imported birds are for sale now, also any number of grand cockerels in either color. We must limit absolutely the number of Blacks of the highest grade, as we have been sold out early. We have many hundred good birds left fit for small shows in Black, and a very few superlative cockerels, but positively no more superlative females will be sold till after the hatching season is over. We have some grand sons of Champion for sale; also some grand pullets. Also several grand imported cockerels and a few cocks.

Any Number of Moderate Priced Birds in Either Color

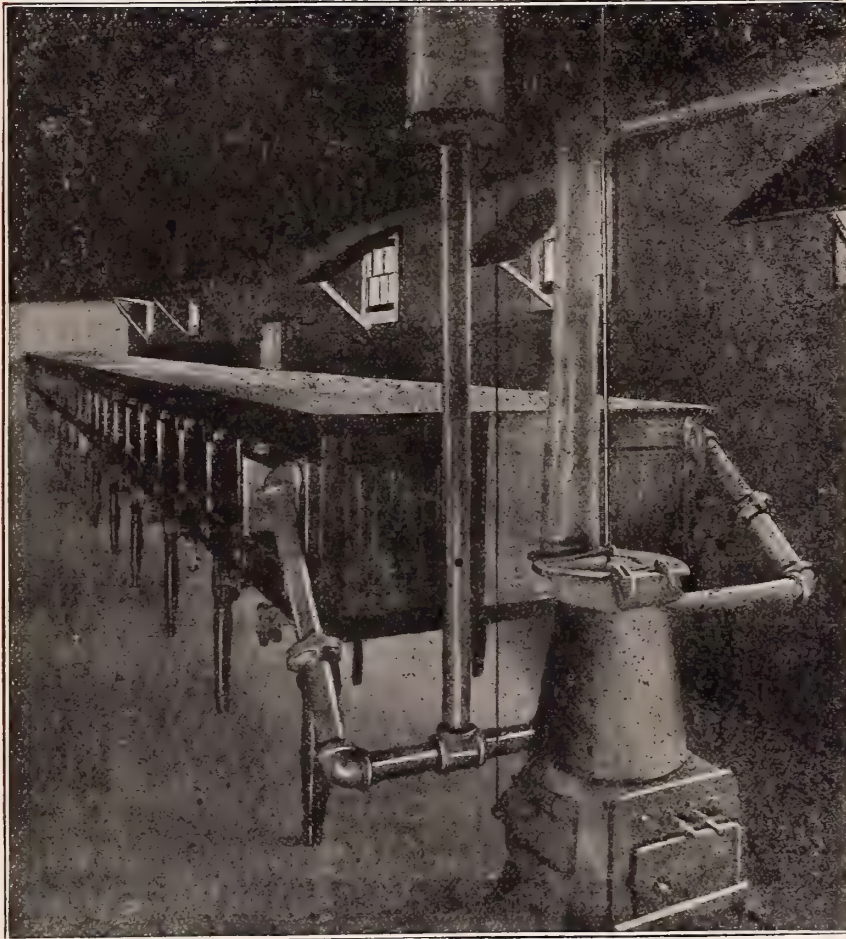
Here is a tip: The Cheviot Farms Strain birds were unknown four years ago. We operated in a back lot. Today we have the most famous birds in the world in our matings. Get into the balloon that is going up, not into the one that is coming down. SEND FOR OUR FREE BULLETIN. It will show what our skill has produced in our own hands and those of our customers. Book your orders for spring delivery NOW from our better matings.

Don't fail to send 25c for a year's subscription for the Orpington Quarterly—or make it 50c and add a year's subscription to the American or any other 50c poultry journal. Address

The Cheviot Farms, Milton Brown, Proprietor, Station L, Cincinnati, Ohio

The Newtown Giant Incubator

A SUCCESSFUL INCUBATOR



GIGANTIC possibilities of service to you alert to the opportunity for greater success.

It will interest every up-to-date poultryman to know that the Newtown Producing Co. has invented, perfected and is now selling

Incubator and Brooding Systems

the guarantee of reliability of which is assured by that now world-famous name.

Pertinent Facts

The Newtown Giant Incubator insures the highest degree of success possible, at the least expense consistent with good results. These unparalleled results are attained by:

First—Practical poultrymen desiring the equipments.

Second—Duplicating natural incubation as nearly as possible.

Third—Making the regulation as nearly automatic as possible.

Fourth—Putting into the machines best materials and workmanship combined with close expert supervision over the construction of the systems.

At Last a REAL Brooder System

that will allow of individual regulation of both the heat under the hover, and the height of the hovers above the floor.

CHICKS of various ages, sizes, and breeds can be raised at the same time in consecutive hovers.

SUPPLIES the proper amount of moist air to the chicks.

RAISES successfully those weaker chicks that are sure to die in other makes of brooders.

TURNES your losses into profits.

Personal inspection of the new incubator and brooder is invited at the Philadelphia Poultry Show in December, during which time they will be in full operation there.

Your request for a catalog, written on your business letterhead, will meet with prompt attention. Your further interest and satisfaction is guaranteed.

Its Construction

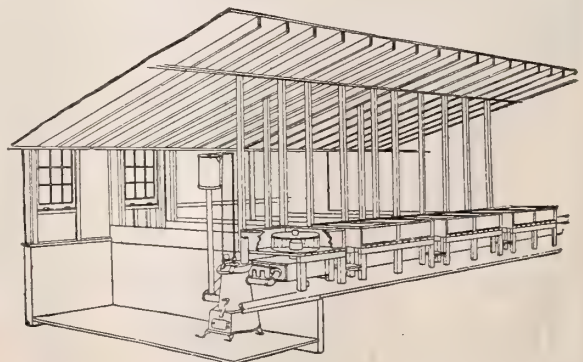
The NEWTOWN GIANT is built of hard wood, with brass finishings, by skilled labor, IN OUR OWN factory. It will last a lifetime.

Its Capacity

Built in sizes ranging in capacity from 2,100 to 20,000 hen eggs and upwards, or 80% of these numbers of duck eggs.

Its Cost

Smallest machine, capacity 2,100 hen eggs, sells for \$300. The NEWTOWN GIANT insures the hatching of better chicks or ducks than any other incubator.



Newtown Producing Co.

Box 173 Newtown, Bucks County, Penna.

TANNENBAUM FARMS

Barred Rocks and Columbian Wyandottes

Our "Victor Strain" Wins



First Columbian Pullet, Madison Square Garden, 1910

BECAUSE we spared no expense and by careful selection secured the **best** foundation stock in the beginning, and because we have spent years in carefully perfecting our "Victor Strain" until we had our blood lines thoroughly established, so that they are reproducing themselves. We have been doing this quietly, but now that we have succeeded we are ready to let you share in the result which we have attained.

We Won at Madison Square Garden

Our first Columbian pullet last year was a wonderfully perfect specimen, and was praised by all Columbian breeders. At the great Cleveland show in a hot class of Barred Rocks our first prize hen received the admiration of all Barred Rock fanciers. We have again gone out in keen competition and demonstrated the quality of our Victor Strain by again winning nearly every prize for which we competed at Ohio and West Virginia State Fairs.

These recent winnings are but a repetition of what we have been doing in the past, and one more link in our long chain of **success**. These winnings should **prove to you** that in producing our "Victor Strain" we have been working along right lines and that we are in a position to furnish you exhibition and breeding specimens with quality, the equal of our winners.

Bargains For You Now

Being somewhat overstocked at this time, we are offering in **Barred Rocks** 200 cockerels and 200 pullets bred from our prize winners, both cockerel and pullet bred birds. Among these we can pick out many birds that **can win** in the smaller shows and the rest of them are high class breeding specimens. Remember these birds are bred to fit the new standard requirements and **we guarantee we can please you**.

In **Columbian Wyandottes** we will sacrifice 50 hens, 100 cockerels and 100 pullets. These hens were in our breeding pens and are fine breeding specimens, being strong in black markings; they will put color into your flock. Show quality predominates in our flock of young Columbians and we are prepared to furnish you with **exhibition specimens who can win the blue**.

All we ask is a chance to show you our "Victor Strain" and we **know** we can **please you**, in fact we **guarantee to please you** or refund your money. We breed **quality** only at Tannenbaum Farms.

Special pens mated to supply the Fall egg trade. Write us your wants today. Mention American Poultry Journal.



TANNENBAUM FARMS

WILLOUGHBY : : OHIO



I Tell You How

I made \$3,600.00 in one season from 30 hens, on a lot 24x40, by feeding the scraps from my table three times a day. I'll give you the names of those who paid me over \$2,000 for the eggs alone from these fowls—you can refer to them.

I'll tell you how I make my chickens weigh 2 1-2 pounds at 8 weeks of age.

I tell how I prepared my chickens for the show room, so that I won over 90 per cent of all the blue ribbons offered during 1907 and 1908. This has never been published before.

How I raise ninety-eight chickens out of a hundred that I hatch—how I feed my chickens for egg production—how I keep them healthy and free from disease—how I tell the layer from the poor layer—how I break up my broody hens without injuring them. I tell you how to pack eggs to keep them fresh—how I mate my chickens for breeding and fertility—how I run my incubators and supply moisture—how I raised my famous \$10,000.00 hen, "Peggy"—how I bred my big egg-laying strain. I tell you all about broiler plants, egg plants, etc.

I tell you about everything that is necessary to success in the poultry business.

It also gives you my opinion and experience that I have had with advertising solicitors of poultry journals.

It also gives you my opinion and experience that I have had with poultry judges in the show room, and why, in my opinion, the little fellow don't get what he thinks he ought to have in the show room. I tell it just as I have seen it and experienced it. There are several pages in this book taken from my records, and from my cash book and ledger. There are no secrets—I tell it all.

See what others say on opposite page.

"I Made \$18,178.53

NET PROFIT

In One Year, Selling Chickens & Eggs"

I took a flock of 1,638 chickens and made them net me a profit of \$11.09 per bird in 12 months' time.

My farm and books are open for inspection to any State Poultry Experimental Station. If your station doesn't find the above statements true, I'll donate \$1,000.00 in cash to your institute.

My New Poultry Book Tells How I Did It.

It covers all branches—it tells everything necessary to success with poultry. It tells you what I have done—how I started.



Try my way and you can raise them by the thousands

It shows you a picture of the first hen house I built, 6x6 feet in size. It contains over 50 full-page pictures of buildings and views taken on my farm. It was written from actual experience



Send \$1.00—and a Copy of the Latest Revised Edition of the Book Will be Sent You by Return Mail.

Address ERNEST KELLERSTRASS, Publisher

8143 WESTPORT ROAD
KANSAS CITY, MISSOURI

NOTE—Ask the editor of this Poultry Journal or any "licensed" poultry judge as to my reputation as a breeder.



"KELLERSTRASS WAY"

The Kellerstrass Farm,
Kansas City, Mo.

I received your book sent me Saturday a. m. It would have been worth to me \$500.00 if I had had it last spring. "Good Book," common sense learned by hard-earned experience. Worth \$1,000.00 to me. Respt.,

L. R. HAYWARD.

Clinton, Ia.

Kellerstrass Farm,
Kansas City, Mo.

The book, "The Kellerstrass Way of Raising Poultry," received, and will say it is the most sensible and practical book on poultry that I have ever read, and I would not part with it for ten times its price if I could not get another one. Very truly yours,

H. C. HEINSEN.

Albany, N. Y.

Ernest Kellerstrass.

Dear Sir:—I received your book. Comparatively speaking, it is WORTH MORE MONEY.

Very truly yours,

GEO. W. CAMPBELL.

The American White Orpington Club,
Richmond, Va.

Dear Mr. Kellerstrass:

Received the book O. K., and it certainly is brim full of meat; you have the other fellows beat a mile for real down chicken information, and I have all of the books, as well as some practical experience in the 15 years I have been breeding.

Fraternally,

F. S. BULLINGTON.

Hurst Pierrepont,
Garrison-on-Hudson, N. Y.

Mr. Kellerstrass

I have read your book with deep interest, and want the satisfaction and pleasure of telling you how much I admire your wonderful enterprise, your unbounded success and your most beautiful and peerless poultry. I have the greatest wish to visit your farm, and as I am honored with a permit, I hope some day to avail myself of the privilege.

It must be a great satisfaction and joy to you to have been able to do all you have done, and to have given inspiration to very many people.

It is not probable that it would be possible for anyone to excel you. You have no doubt brought poultry raising up to the goal of excellence, but if in the future there should happen to be others capable of following your great example, you will have reason to rejoice that you were the first to give them such an inspiration. What greater good can we do in the world than to be an example so perfect in whatever way that others may desire and succeed in following. What most people need is inspiration. Many talents lie dormant. The desire has not been roused to put forth interested efforts.

When one such as you and Luther Burbank come to the fore it has the effect of stirring desire and ambition. Blessed are such individuals; they have accomplished a great work, and posterity will not forget them.

Sincerely yours,

M. BECKWITH.

Winchester, Kans.

Dear Sir:—Received the book all O. K. this a. m. and find same very interesting and full of GOOD SOUND LOGIC.

Yours truly,

CHAS. FORSYTHE.

Mr. E. Kellerstrass,
Kansas City, Mo.

Dear Sir:—Received your book all right. Am well pleased with book; best dollar's worth I have ever received.

Yours truly,

CHAS. P. GOETZ.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Adah, Pa.

Dear Friend:—The book at hand. I got so much interested in the book that I couldn't lay it down. It is the best book that I ever opened on poultry talk. I think every person that has a bird on his lot or farm should have one of these books. I was surprised when I read where you opened those chicks and found lath nails and tacks in their craws. I never heard of such a thing; it stands to reason that would kill them.

H. M. GROVER.

Irrington, N. J.

Ernest Kellerstrass:

Dear Sir:—Received your poultry book; it is worth many times the price, and should be in the hands of everyone handling chickens, as it contains information that would take many years to learn.

Yours very truly,

JOHN SELFELDER.

Kellerstrass Farm,
Ernest Kellerstrass, Prop.,
Kansas City, Mo.

Elyria, Ohio.

Dear Sir:—I was very much interested in your book, as I believe that it gets closer to nature than any other book that I have seen, and am much interested in your Crystal White Orpingtons.

Yours very truly,

H. H. CLOUGH.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Augusta, Ga.

Dear Sir:—Yours of a recent date to hand, also your book of "Kellerstrass Way of Raising Poultry," which I appreciate very much. I must say I think more of it than all the other books I have ever received.

Thanking you again for the book you sent me, and assuring you that I am and will from now on follow your way and no other,

Yours truly,

G. K. JOHNSON.

Hot Springs, Ark.

Mr. Ernest Kellerstrass.

Dear Sir:—Please excuse my apparent slothfulness. I have not had a chance to write to you, since I received the book. I would not take three times the cost of it for it. It is all good common sense, and no man could have known it without experience, and it takes time to find out such. I am a thousand times obliged to you. I feel as if you had given it to me. I am not a breeder of any particular breed. I just raise a few for home use, but I like to make them pay. I am an admirer of the work and hope in the near future to go in it for a business.

Thanking you again, I am,

Respectfully yours,

R. S. TONEY.

Grey Bull, Wyo.

Received book all right. It suits me fine. Is worth its money in any man's country. Yours as ever,

J. T. ROBINSON.

Oklahoma City, Okla.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Your late poultry book received, and I have received very much valuable information therefrom. I believe I can now begin the poultry business intelligently and successfully.

Very respectfully,

T. W. SHACKELFORD.

Jennings, Kans.

Ernest Kellerstrass.

Dear Sir:—Enclosed please find \$1.00 for your book, "My New Poultry Book." Your ad. was sent me by one who has your book and thinks it is a grand book.

MRS. C. H. DANLEY.

Calgary, Alta, Can.

To Kellerstrass Poultry Farm,
Kansas City, Mo.

Dear Sir:—Received your book O. K., for which I thank you for the quick reply, and having read it through, may say that in my estimation the book is worth its weight in gold to anyone who has or takes interest in poultry.

Yours truly,

B. DICKINSON.

Victoria, B. C.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—Received your poultry book and enjoyed reading it. I like that kind of language you talk. Your book cheers me up, and I have decided now to go into the poultry business.

Yours truly,

WM. COLLEN.

Asbury, Mo.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Dear Sir:—I like the book fine, and would not part with some of the information for many times the price of book.

Very truly yours,

C. J. RHOADS.

Birmingham, Ala.

Mr. Ernest Kellerstrass,
Kansas City, Mo.

Sir:—Have just received your book—found it very interesting. Am sure it will be of much help to me. Don't see how I could do without it.

Yours truly,

J. W. GILLESPIE.

Brandon, Manitoba.

Mr. Ernest Kellerstrass.

Dear Sir:—I received your book, and think it far ahead of all others. Everything so plain and to the point.

I remain,

S. E. WOODLEY.

Chicago, Ill.

Mr. Ernest Kellerstrass.

Dear Sir:—I have your late book on your way of raising poultry, and have been reading it. Am very much taken with your way—am proud of my book.

W. PICKENS.

New York City.

Ernest Kellerstrass,
Westport Station,
Kansas City, Mo.

Dear Sir:—Please find enclosed check for \$2.00 for two copies of your "New Book on Poultry." I received a copy of this book from you some weeks ago, but it was so admired by a friend that I gave it to him, and now want one for my own use.

Very truly yours,

THEODORE CRANE.



CHAMPION SUNSWICK STRAIN

OF BLUE BLOODED

Buff, Black and White Orpingtons

Winners of Gold Specials, A. P. A. Diplomas, Silver Cups, Sweepstakes Prizes, Specials for Shape and Color, Etc., Etc. Over 350 prizes in four years at such shows as Madison Square Garden, Boston, Cleveland, Allentown, Allentown and Baltimore.



"I am trying to tell you what I have won at Allentown, Penna., 1910, the Clinton Fuller Challenge Cup for the best Black Orpington in the show. My name is Black Sultan. I live at the Sunswick Poultry Farm, South Plainfield, N. J., and my owner has a lot more like me."

allenge Cup on our Black Orpington cock, "Sultan," for the best Black Orpington in the show. See the cut well up beside him. This is the type we breed in Blacks. We have won in all classes at all the largest shows in the country. We can supply you with winners in Blacks as well as in our other varieties.

Our White Orpingtons

Our "Lady of the Snows" was again crowned champion winning the great Sweepstakes cup at the great Allentown Fair, October, 1910, defeating every cock, hen, cockerel and pullet in the show and there were nearly 7,000. Our White Cock, "Champion Madison," is the sire of the great hen, "Our Lady of the Snows," and many of our young birds have won 1st prize and silver cup at New York, '07; 1st at Boston, '08; 1st and special New York, '08-9; 1st and 2 special, Boston, '09; and 1st prize, Cleveland, '09. Isn't this the kind of stock you are looking for? Isn't "Our Lady of the Snows" a beauty? Isn't she the best that you have ever seen? (See cut on opposite page.) Well, we have other hens related to her and some of her sons and daughters for sale. Let us start you with a fine pen or trio of our Blue Blooded Buff, Black and White Orpingtons. Start right and stay right. Our prices are reasonable and we guarantee to please you. Write to us.

Buff and Blue Orpington Ducks

These ducks have repeatedly beaten the Indian Runner as layers. We have the only flock of Buffs in the country. Start with them now and get in on the ground floor.

Sunswick Poultry Farm Rufus Delafield, Owner

Our Buff Orpingtons

have won at all the above shows during the past years and have **quality** bred into them, but this year they are better than ever and are truly Buff leaders of the Orpington breed. Our "Champion Golden King," a "Blue Blooded Buff," was champion "Sunswick" and only exhibited in 1908-9. He won the following: 1st prize and \$50 silver cup at Allentown 1908; at Madison 1st prize in open class, 2 silver cups, 1st prize for best shape in class. First and shape special, Boston, '09, and first at Cleveland, 1909. We have 800 grand young birds containing these blood lines, many sired by Champion Golden King, and can supply you **show birds** and high class breeders having this blood bred into them for several generations.

Our Black Orpingtons

We won the Clinton Fuller Challenge Cup on our Black Orpington cock, "Sultan," for the best Black Orpington in the show. See the cut well up beside him. This is the type we breed in Blacks. We have won in all classes at all the largest shows in the country. We can supply you with winners in Blacks as well as in our other varieties.

S. C. WHITE ORPINGTON HEN

"Our Lady of the Snows" the bluest of Blue Blooded hen is the most powerful of White Orpington :: ::



SUNSWICK POVLTRY FARM
SOUTH PLAINFIELD,
NEW JERSEY

She won in a hot class at the town, 1910, first prize and special for best White Orpington hen; also the grand sweepstakes prize for the best hen in the class, now, all breeds competing, and she was the "sensation of the show." She is the daughter of "Champion Madison," was bred and reared at Sunswick and only the bluest of Blue Blood flows in her veins. She is deservedly a "champion hen" and will be heard from again. If you want some of her progeny, book your order now.

Box 200, South Plainfield, New Jersey

POLEY'S WORLD'S BEST BUFF ROCKS

POLEY'S WORLD'S BEST BUFF ROCKS

POLEY'S WORLD'S BEST BUFF ROCKS



FIRST PRIZE C.H.R.L. MADISON SQ. GARDEN N.Y. 1908-9.
BRED AND OWNED BY
J.W. POLEY ROYERSFORD PA.

ANGELO J. MYERS, Proprietor

JOHN W. POLEY, Manager

THE LINFIELD POULTRY FARM

Successors to John W. Poley, Originator Poley's World's Best Buff Rocks

Important Notice

WE DESIRE TO ANNOUNCE to John W. Poley's friends and customers and to any one interested in the BUFF ROCK BREED, that we have purchased his entire stock of "WORLD'S BEST BUFF ROCKS."

We have erected at LINFIELD, PA., a handsomely equipped and up-to-date poultry plant which from now on will be the home of this famous breed.

MR. POLEY, who has had many years' experience as a poultry fancier and who has spent fifteen years perfecting his "WORLD'S BEST BUFF ROCKS," has undertaken the management of our new plant.

We are now able to offer to you the finest line of BUFF PLYMOUTH ROCKS in the country.

"POLEY'S WORLD'S BEST BUFF ROCKS" whenever exhibited have won more first prizes than all the other competitors in the show.

Nine out of a possible fifteen firsts at New York in the last three years; nine out of a possible ten firsts at Allentown in the last two years; five firsts at one show at Philadelphia; and five firsts at the club meeting at Indianapolis; is a record which speaks for itself.

Now is the Time to Purchase Stock

Over fifteen hundred selected breeders and an unusual number of superior cockerels and cock birds from which to choose.

If you are going to show this fall and desire birds THAT WILL WIN or if you need birds for breeding purposes, you will find it greatly to your advantage to either write or visit us before purchasing. Satisfaction guaranteed or money refunded.

— ADDRESS ALL COMMUNICATIONS TO —

The Linfield Poultry Farm, Linfield, Montgomery Co., Pa.

POLEY'S WORLD'S BEST BUFF ROCKS

WHITE WYANDOTTES



No variety can be more popular for their compact, well rounded, broad, deep bodies and breast, YELLOW SKIN, and meat of the finest texture that makes the ideal table fowl. Their quick maturing qualities again commend them for egg production.

THEY HAVE NO EQUAL. The White Wyandottes will be found to be excellent winter layers, laying the bulk of their eggs in the cold winter months when the SINGLE COMB varieties are taking their vacation. They lay when the market is the highest, therefore the White Wyandottes

**Lay More Dollars Worth of Eggs
than Any Other Breed**

Another advantage of the White Wyandottes over other breeds is the close-fitting comb. A frosted comb means to check egg production at once with all SINGLE COMB VARIETIES.

With our White Wyandottes this never occurs, even in the coldest weather, in the extreme north. All in all, we have in the White Wyandottes more good utilitarian qualities than are found in any other breed. They will satisfy and please you, and as a source of income will give you a larger per cent. on the investment than any variety you may invest in. As to exhibition qualities our White Wyandottes have upheld our claim of

The World's Best

in the leading shows of the country. Send us a dime to cover cost of mailing our handsome catalog full of valuable information you should have.

J. C. Fishel & Son : Box J : Hope, Ind.

Cyphers Mammoth Incubators

Are Doing Highly Satisfactory Work in Hatching Chickens and Ducklings

Read the Following Reports and Judge for Yourself

THE CYPHERS MAMMOTHS FOR 1911 (Capacity 4,000 to 60,000 eggs) are shipped knock-down at low freight rates and can be set up quickly and exactly by any man who is handy with tools. Detailed photographs and plain instructions furnished with each machine. Are suitable to install and use successfully in ordinary incubator house or cellar, above or below ground, or in any large room or apartment. Can be taken down on short notice without injury and moved to another location.

Hatches Both Kinds of Eggs

CRITTENDEN POULTRY FARM
James Hopkins, Proprietor

S. C. W. Leghorn
Baby Chicks Our Specialty

Also Custom Hatching Capacity
26,000 Hen Eggs

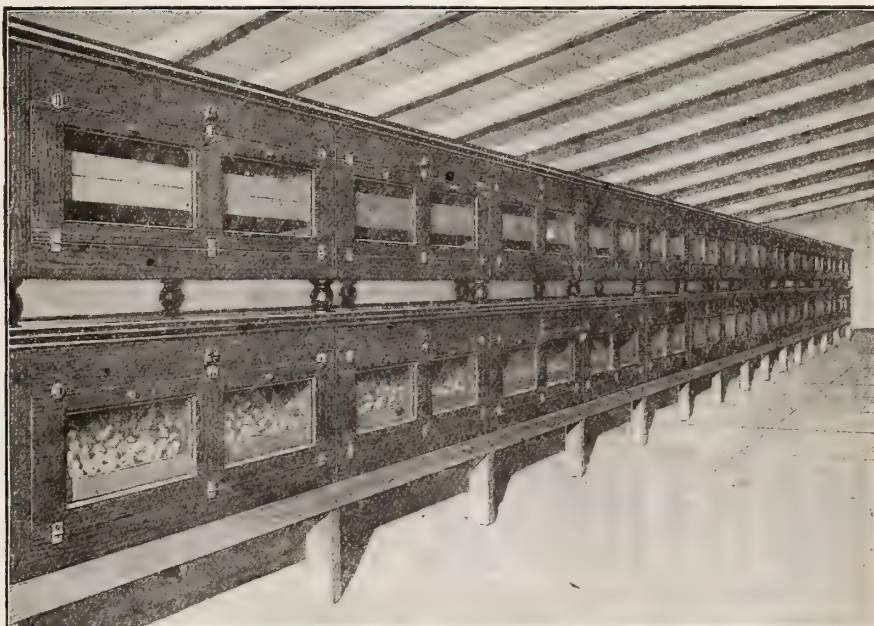
Crittenden, N. Y., June 8, 1910.

Cyphers Incubator Company, Buffalo, N. Y.

Gentlemen:—I have closed my second season operating the Cyphers Hot-Water Mammoth, 26,000 egg capacity, and have just taken off a hatch of 86 per cent on hen eggs. Have had three hatches of duck eggs that gave me 99 per cent and two that gave 100 per cent hatches. While you installed this Mammoth machine for duck egg hatching you see it will hatch hen eggs as well. I expect to have at least 30,000 day-old chicks to dispose of next season, also a large number of ducklings. The Cyphers Mammoth is easily operated. I have used natural gas for heating it. My highest gas bill for the big Incubator, my Brooder House, two gas engines and heat and light in residence was \$10 per month. This same capacity in small machines would cost me three times as much. My Mammoth machine will be open for custom hatching on March 1st this season.

Very truly yours,

JAMES HOPKINS.



Latest Type Hen Egg Cyphers Mammoth Incubator, Capacity 11,200 Eggs, now in use on Cyphers Company Poultry Farm, Buffalo, N. Y.

Require Less Labor—Better Results

ELDRIDGE POULTRY FARM, Inc.

Broilers and Roasters
For Market

Day-Old Chicks and Eggs
For Hatching

Taunton, Mass., September 14, 1910.

Cyphers Incubator Company, Buffalo, N. Y.

The Mammoth Incubator, 6,000 hen egg size, that you installed for us last season, has given good satisfaction. The chicks hatched by it showed up in much better form than those from our old machines, being stronger and much more vigorous. The Cyphers Mammoth in our hands has been easier to care for and has required less labor than the lamp-heated machines and the results have been better.

Very truly yours,

ELDRIDGE POULTRY FARM, A. S. Eldridge, Manager.

"Has Given Perfect Satisfaction"

OCEANIC DUCK FARM

Capacity, 60,000 Ducks Annually

E. O. Wilcox, Proprietor, Speonk, Long Island, N. Y.

Speonk, July 30, 1910

Cyphers Incubator Company, Buffalo, N. Y.

Please quote me prices on twenty sections of your Hot-Water Mammoth Incubator to be installed on my plant this fall. I would want them attached to the forty sections that you installed for me last year. This machine has given perfect satisfaction. It is easily operated and the quality and quantity of the ducks hatched are much ahead of those I have hatched in lamp-heated machines. I have operated twenty lamp-heated machines of another make this season, and the Mammoth Incubator has out-hatched them 13 per cent. The temperature regulation is perfect, and I figure that I have saved at least \$150 on fuel alone this season. During the brooding period the death rate has been very low, as the ducks were extra strong when hatched. Very truly yours,

E. O. WILCOX.

SPECIAL CIRCULAR

If you are interested in custom hatching, or are selling day-old chicks, or are operating or planning to operate a large practical plant of any kind, write at once for our special circular (just printed) showing pictures of the latest pattern Cyphers Mammoth. Prices and full particulars furnished on request. Address factory and home offices or nearest branch house.

CYPHERS INCUBATOR COMPANY

HOME OFFICES: BUFFALO, NEW YORK

BRANCHES: { 23 Barclay St., NEW YORK CITY 12-14 Canal St., BOSTON, MASS. 340-344 N. Clark St., CHICAGO, ILL.
317 S. W. Boulevard, KANSAS CITY, MO. 1569 Broadway, OAKLAND, CAL.

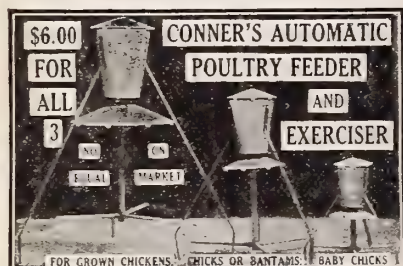
YOU SAVE MONEY

by using Conner's Automatic Feeder

Our feeder should appeal to you as a practical poultryman if you are interested in securing the **best** possible results at the **least** possible **expense**. Conner's Feeder will save you money in many ways. It saves in feed not being wasted, in the feed sparrows, pigeons, rats and mice would eat, and the birds not over-eating which causes indigestion, liver trouble and many other diseases. Besides when your birds are sick they won't lay and then there is the time and trouble of doctoring them. And again if they get too much feed and do not get sick they become over fat in which condition they will not lay and are a dead loss to you.

Feed costs money these days and it pays to save it. You know the man with the feed pail carries the profits of any flock in his hands.

With the Conner's Feeder all these intricate problems of just when and how much to feed are overcome for the birds **feed themselves** and they know how much they want, at the same time they have to work and exercise for it and consequently they will not secure too much. The Conner's Feeder never forgets, it always feeds them a little at a time just as they want it, the same as they would secure it were they on a free range getting their food the "**natural way**." Remember you do not have to be home at feeding time and that their feed is always kept dry, sweet and clean, and that when the sparrows can't get anything to eat, they cease to come to your poultry yard, and the lice which they invariably carry and the diseases which they are apt to bring and contaminate your flock by drinking out of the same drinking vessels are dispensed with. All these risks and losses are eliminated where Conner's Feeder is used. A noticeable increase of egg yield always follows, after Conner's Feeder has been installed.



You save many times its cost the first year in labor, feed and scratching material

Every shrewd poultryman who wishes to make the most out of his poultry will want the Conner's Feeder when he realizes what a big saving their installation will mean to him. We know you will be more than satisfied once you try our feeder. May we have your trial order to-day?

W. M. Conner, Jersey City, N. J.

PARTRIDGE PLYMOUTH ROCKS

THE wonderful new breed that is attracting so much attention. Combining great utility with striking beauty. Breeding now more true to type than most old breeds, and all from single standard matings.

They will please you, make money for you and prove a good investment

EXHIBITION and breeding birds for sale in any number desired. Let me start you right in the breeding of thoroughbred poultry and you will make money from the very beginning. Send to headquarters. Write for what you want.

S. A. Noftzger, Box A, North Manchester, Ind.
ORIGINATOR OF PARTRIDGE PLYMOUTH ROCKS

Poultry Profits Insured

Wouldn't you like to insure your hatches?—to get larger, stronger chicks?—to know that the temperature in your incubator is right? The "Tycos" Incubator Thermometer clears up all doubts because of its absolute accuracy. As a part of the equipment of an incubator it is a guarantee of the quality of the machine. That's why the higher grade incubators are now furnished with "Tycos" Thermometers. Accurate temperature indications are too important to be slighted by unreliable thermometers. Each and every "Tycos" Incubator Thermometer has the full benefit of our Sixty Years' experience in thermometer making, and could not be better made or more honestly accurate. The careful attention to details makes it possible for us to guarantee that

"Tycos" THERMOMETERS Are Absolutely Dependable

Don't take a chance with your eggs, time and money on an unreliable thermometer. Insist on your incubator being equipped with "Tycos" instruments. If your dealer cannot or will not furnish you with a "Tycos" equipped machine write us for a list of such incubators as are furnished with "Tycos" Thermometers. When you buy new thermometers, insist upon the name "Tycos"—every genuine instrument bears the name.

"Tycos" Incubator Thermometer, each..... \$0.75
 "Tycos" Incubator Hygrometer, for moisture, each.... 1.50
 "Tycos" Certified Thermometer, each..... 1.50
 "Tycos" Brooder Thermometer, each..... .75
 Send to-day for free booklet, "Incubator Thermometer Facts Worth Knowing."

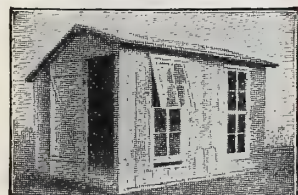
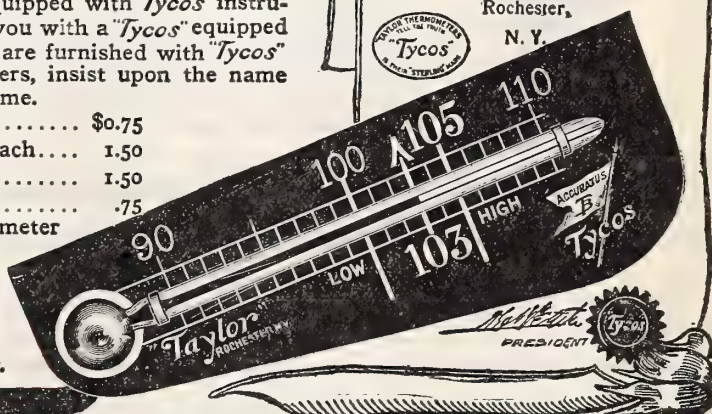
Taylor Instrument Companies,
Rochester, N. Y.

The Tycos Fever Thermometer should be in every home.

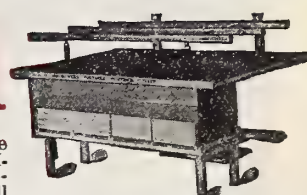
Poultry Profits
 Insured
 when a "Tycos"
 Thermometer
 Is Used

Taylor Instrument Companies

Rochester,
 N. Y.



Don't Build



that new hen-house or think of fixing up the old one until you get our large 100-page catalogue (over 100 illustrations) telling all about POTTER SANITARY POULTRY HOUSE FIXTURES, VERMIN PROOF ROOSTS, PERFECTION FEED HOPPERS, SIMPLEX TRAP NESTS, feeds and supplies of all kinds—just what the progressive, up-to-date poultry keeper wants to more

profitably carry on his work. POTTER FIXTURES have been on the market over eight years and are used and recommended by thousands of poultry raisers. They are complete, convenient and sanitary and great savers of time and labor. The henhouse outfit shown above is but one of three styles and twelve different sizes which we make, so no matter how your house or pens are arranged, they can be completely and cheaply fitted up with POTTER SANITARY FIXTURES.

A \$40 Hen House

THE POTTER PORTABLE SANITARY HEN-HOUSE shown above is but one of several styles and sizes which we make. This house is 8 x 10 feet in size, completely equipped with two Potter Outfits, two pens, room for 15 hens in each. Can you beat this house for \$40. Our large new catalog (32 pages and 28 illustrations) is now ready. It shows all portable poultry houses, brood coops, pigeon lofts, etc., in all styles and sizes. We can furnish you a better house with more satisfactory equipment for less money than you can have one built for at home. If you are in need of a house or coop of any kind send for our catalog.

Winter Layers

are what every poultryman wants, so that when eggs are high every hen more than pays for her keep. A full egg basket means a full pocket-book. Why not take time by the forelock and get in line to have a flock of all laying hens, not half layers and half drones and barren hens that keep you just even because of expensive feed. It's easy to have a flock of all laying hens if you will only do the same as thousands of other poultry keepers are doing and use

THE POTTER SYSTEM

of selecting laying and non-laying hens and increasing egg production. This is the original system which tells you how to keep a flock of only laying hens and thus get more egg money. Right now is the time to lay your plans for a flock of winter layers by using the Potter System and picking out the layers from the non-layers, so that you keep only laying hens. You should not kill or sell a single hen until you know whether she is a layer or not. The Potter System teaches you this. Our 100-page book entitled, "DON'T KILL THE LAYING HEN," contains the complete POTTER SYSTEM and all the secrets of selecting laying and non-laying hens and increasing egg production. Below we give a list of some of the subjects covered.

The Potter System Teaches You

How the Egg Grows; Nature Controls the Laying Organs; The Secrets of the Potter System; How to Pick Out the Non-Laying Hen; How to Determine the First Stage of Egg Development; To Know How Far the Hen is Toward the Laying Point; How to Pick Out the Hen That is Laying; To Know the Hens That are the Most Prolific Layers; To Know How and When to Cull the Non and Poor Layers Out of the Flock; To Know the Ones to Sell and the Ones to Keep; Why Early Spring is the Best and Most Practical Time to Cull the Poor and Non-Layers Out of the Flock; How to Tell the Hen That Has Laid Out a Batch of Eggs and Other Information Regarding Setting Hens; The Best Way to Break Up the Broody State; How Eggs Can be Produced in Winter, and Some of Nature's

Laws Regarding Egg Development Explained; How the Laying Organs are Affected when the Hens are Infested with Vermin; How to Avoid Wintering Hens That are Likely to be Poor Winter Layers; How Overfeeding Before Egg Development Starts May Reduce the Egg Production; The Laying Hen Should be Educated—When, How and Where; How to Separate the Poor Layers from the Good Without Handling, or How They Will Separate Themselves; How to Buy Hens in the Fore Part of Winter, That Would Make Good Winter Layers, and Sell Them Again at a Good Profit in the Spring; How Roup and Similar Diseases Affect the Laying Organs of Hens; also How the Laying Organs Become Disabled by Other Causes; Ten Ways to Suspect Hens That are not Laying.

If you want your hens to make you more egg money this winter than ever before, you will not delay in writing for our large catalogues and circulars telling all about our fixtures, houses, etc., and the Potter System. Send two red stamps to cover postage on our catalogues and your request will have prompt attention. Potter Poultry Products are for Particular Poultry People, and if you are particular, you will write us today.

T. F. POTTER COMPANY : BOX A : DOWNERS GROVE, ILLINOIS

RED SALE

GREATEST SALE, probably, in the history of Rhode Island Reds. Owing to my rapidly growing publishing business, must close out all my WORLD'S BEST REDS, old and young, some 3,000 head, all prices. Some impossible to duplicate. Both combs.

Edwin R. Cornish, 1426 E. Pontiac St., Ann Arbor, Michigan

BUFF ORPINGTONS

Chicago, Indianapolis, Memphis. From the Great Lakes to the sweet Magnolias Martz's trap-nested layers easily win. Chicago, more firsts than any Buff exhibitor. Indianapolis, more prizes than all competitors combined. Memphis, all firsts, seconds and thirds but one; Gold Leg Band for best hen in show and other specials. Would such blood lines do you good? Don't delay your order for stock—it's ripe.

A. E. MARTZ . . . Buff Orpington Specialist . . . ARCADIA, INDIANA



One of our cockerels at age of six months

PAPE'S SINGLE COMB MINORCAS

In the King Row at Three of the Season's Greatest Events

Tri-State Fair

Memphis, Tenn., 1910—1st cock bird; 1st and 2d hen; 1st and 2d ckl; 1st, 2d and 3d pullet; 1st pen

At MEMPHIS, TENN., we won CHAMPIONSHIP COCK BIRD, (all birds in the show competing), \$10 in GOLD for best exhibit, gold leg band and \$100 silver cup for best pen, all varieties competing. At FORT WAYNE, IND., we won GOLD SPECIAL for best display, all varieties competing. These winnings should demonstrate to you that our birds are EQUAL TO ANY IN AMERICA. They are bred to produce LARGE WHITE EGGS AND MANY OF THEM and if you are looking for real pleasure and profit in poultry, write your requirements. Eggs for hatching now ready.

At the "Best in 40 States Fair"

Ft. Wayne, Ind.—1st and 2d cock bird; 1st, 2d and 3d hen; 1st and 2d ckl; 1st, 2d and 3d pul; 1st pen

For three consecutive years our birds have won the CHAMPIONSHIP HONORS AT THE GREAT MID-WEST SHOW at the COLISEUM, CHICAGO, ILLINOIS.

Charles G. Pape, Box 74, Fort Wayne, Indiana

Ferris White Leghorns



A FERRIS WHITE LEGHORN MALE

Winners at Louisville, St. Louis, Toledo, Detroit, Pittsburg, Grand Rapids, and the Michigan, West Michigan, Indiana, Iowa and Tennessee State Fairs.

At the recent Michigan State Fair we won 9 prizes on 9 entries including every 1st. At the Iowa State Fair, we won 1st cock, 1st hen, 1st cockerel, 1st pullet and 1st pen. At the Tennessee State Fair we won 1st cock, 1st hen and several other prizes.

Winners that Pay

are the kind we sell. They are the kind you need. We have bred White Leghorns for years—bred them for size, health, vigor and heavy egg production. We raise them on 30 acres of free range, feed them scientifically and give them every attention necessary to correct growth from chickhood to maturity.

That's Why They Pay and Win

There isn't space in this ad to tell you all the good points of Ferris White Leghorns so I want to send you my

New 40-page Catalog

It shows photos of the birds I sell as well as many of my winners and gives a more complete description of my stock, farm and methods than is possible in this ad. It gives a complete list of winnings and will convince you that you need this strain of winners bred to pay. A postal brings it.



A FERRIS WHITE LEGHORN FEMALE

1st pullet, West Michigan State Fair, September, 1909. 1st hen, Iowa State Fair, September, 1910.

WE HAVE several hundred pullets and hens to sell that are the same type as this hen. They have good long backs, low, well spread tails, good heads, snow white plumage, rich yellow shanks, and they are large, vigorous and bred to lay. See our catalog for prices.

I Ship Anywhere on Approval

Keep the birds three days, compare them with others and if you don't agree that they are worth a good deal more than I'll charge, send them back at my expense and I will refund your money at once.

Remember that we breed for size, health, vigor and profit as well as for standard requirements. We raise our chicks on free range and never breed from weak or unproductive birds, no matter how good they are from a fancy standpoint.

THIS fine male won first as a cockerel at the Indiana State Fair last year and first as a cock at the Michigan State Fair this year. He is a typical Ferris White Leghorn—exceptionally fine in shape, graceful in carriage and has that snappy, intelligent appearance which all good show birds should possess. Notice his fine head, his concave back, his low tail, his style and finish.

His chicks show the same good points that have made him an easy winner, and many of them are early hatched, ready to sell now.

He is but one of several remarkably fine males that were in our breeding yards last season.

Hundreds of their chicks have reached their maturity; they are large, snow-white and typical in shape, with fine heads and low tails and they will win for you wherever you want to exhibit.

Prices are as low as such high grade stock can possibly be sold. Exhibition breeding males sired by winners like the one shown above, at \$5, \$7.50, \$10 and \$15. Females at \$3, \$4, \$5 and \$7.50. These birds will win in ordinary competition, and are the kind that will breed winners. See our new catalogue for full particulars regarding them. Winners for the larger shows at \$20 and up for males and \$10 and up for females.

The Ferris Poultry Farm, George B. Ferris, Prop.,

555 North Union, Grand Rapids, Michigan



PRINCE MANYBAR

LAST CALL



PRINCESS CRYSTAL

—GET YOUR—
Show Birds Now!

WINNERS

for ANY show ANYWHERE---in the United States,
 Canada or Europe. Write quick!

JUDGES SAY:

"The Aristocrats are the richest colored Barred Rocks in the world."

"Feathers from the Aristocrats are far ahead of the New York and Boston winners in color and barring."

"The most perfect all-round Plymouth Rock male I have ever seen anywhere I found among the Aristocrats."



PRINCE MANYBAR I.

Beautiful Catalog

Now Ready; Price 10c



It is a real
 work of art with
 many fine pictures
 and valuable
 articles



Write Today



PRINCE MANYBAR II.

W. D. Holterman, Fancier, Box A, Ft. Wayne, Ind.

Double Profits

IN THE
POULTRY BUSINESS

CUT OFF
 $\frac{3}{4}$
OF YOUR
FEED BILL

MADE possible by following the directions given by Clarence Ward, son of C. J. Ward, the founder of the oldest, largest and best poultry paper in America—the American Poultry Journal. Mr. Ward was brought up in the poultry business and has made a practical study of it from A to Z. He gives to the poultrymen of this country the benefit of his experience in his new book—

Successful Poultry Culture

which contains 128 pages and is a practical treatise on everything you want to know about the poultry business. It tells you his method of **saving three-fourths the feed bill**, and many other valuable pointers which will save you many times the price of the book.

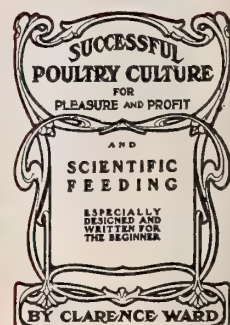
Space will not permit a detailed description of the entire book, but the following will give you an excellent idea as to its great value. Besides 30 illustrations of standard bred poultry and poultry houses it contains chapters on the following subjects: The Way to Succeed; Some Interesting Poultry Statistics; The Pleasure of Poultry Culture; Advice to Beginners; Poultry and Pin-Money for Women; Boys and Poultry Culture; Poultry on the Farm; How to Succeed on a Small City Lot; How to Succeed with a Large Market Plant; How to Get Eggs in Winter; How to Feed Young Chickens; Success with Incubators; Success with Brooders; How to Cure Diseases; How to Build Poultry Houses; Plans for Model Poultry Houses; Profits in Poultry Culture; Scientific Feeding.


**A 128-Page Book For
Only 50c**

**NOT A
SYSTEM,
BUT
TRIED OUT
FACTS**

We have contracted for a large number of these books at a price which enables us to offer this lot at half price. The regular price of this great book is \$1. We have cut the price to 50c. Send 50c in money order, coin or stamps and get a copy at once. It will pay for itself in a few days, no matter if you raise 50 or 5000 fowls. Address

**American Poultry Journal
Publishing Company
358 Dearborn Street
CHICAGO**





You Run No Risk

in buying mixed breeds when you buy of the specialty breeder, but how about the fellow that breeds EIGHT VARIETIES on one plant and permits them all to run together most of the time? We have 120 acres devoted entirely to one breed, and know it is a hard problem to keep them from mixing, then think of eight varieties on one small farm.

U. R. Fishel's White Ply. Rocks

are line bred and absolutely pure, as our recent winnings show: First and second cock, first and fifth hen, first and third cockerel, first pullet, first and second pen, grand champion best cock in show, special best display, special best Plymouth Rock, grand champion best pullet in show.

At Great Hagerstown, Md. Fair, '10

A show of nearly seven thousand entries, and the competition as great as it ever was at New York, Boston or Chicago. The above record added to our winnings at New York, Chicago, San Francisco, Buffalo, New Orleans, Syracuse, Atlanta, Nashville, Indianapolis, Springfield, Columbus, St. Louis, Kansas City, Dallas, Portland, Seattle, St. Johns, N. F., Charleston, St. Paul, Detroit, Cincinnati, Louisville, Great St. Louis World's Fair, Pan-American and Jamestown Expositions, Great Crystal Palace and Dairy Shows, England; in fact no show of note the world over but what Fishel's White Rocks have won, therefore they are justly conceded everywhere as

"The Best in the World"

Compare our record with that of the breeder who breeds eight varieties and shows at one or two places, and who is compelled to buy a flock of good birds every season or two to have some good ones. The "Best in the World" are none too good for you, and we have ten thousand strong, vigorous, farm raised birds to sell you. Choice exhibition birds, selected breeders or utility flocks. Remember, we breed on a 120-acre farm but one variety, and they Fishel's White Rocks—"The Best in the World." Send two dimes for catalog; it will interest you. Write me.

Eggs Ten Dollars Per Fifteen

U. R. Fishel, Box A, Hope, Ind.

OWEN FARMS

Owen Farms White Rocks

OWEN FARMS + GREYSTONE FARMS

What does this mean? It means that Owen Farms has purchased and received at Vineyard Haven the complete flock of White Rocks of Greystone Farms of Yonkers, N. Y., and the good-will. This is truly the greatest consolidation of two flocks in the poultry world that we know anything about. For years Owen Farms have struggled against Greystone at New York Madison Square Garden. For years Greystone has struggled against Owen Farms at Madison Square, New York. Greystone, as all know, was presided over by Mr. Frank H. Davey. No one could fit birds better than Mr. Davey and put them in the show room with more dazzling, beautiful whiteness and perfection of condition. The contest was almost as keen between the ability of our Mr. Delano and Greystone's Mr. Davey as it was between the birds. The last two years these two flocks have won 1st and 2nd collection and the great majority of all points in White Rocks. Now they are together; not only the flocks together, but the two men, Mr. Maurice F. Delano and Mr. Frank H. Davey, instead of struggling against each other at Madison Square Garden are now struggling with united fraternal purpose for the good of Owen Farms and their customers. The whole White Rock world will congratulate Owen Farms on the fact that Mr. Davey has come and is here, adding his great strength, both of character and ability in the poultry world, to further advance our White Rocks. Many more White Rocks and much better White Rocks will be the watchword at Owen Farms, and I feel sure that every reader who is interested in this grand breed will feel that what Owen Farms cannot do for them in White Rocks cannot be done. We can assure all of the many customers of Greystone in years past that their interests will be as well taken care of after this change and in fact better than ever before.

OWEN FARMS COMBINED WHITE ROCK WINNINGS.

Cock 1st New York, 1901.
Cock 1st New York, 1902.
Cock 3d New York, 1902.
Cock 4th New York, 1902.
Cock 1st New York, 1903.
Cock 2d New York, 1903.
Cock 4th New York, 1903.
Cock 2d New York, 1904.
Cock 4th New York, 1904.
Cock 1st New York, 1905.
Cock 3d New York, 1905.
Cock 4th New York, 1905.
Cock 1st New York, 1906.
Cock 1st Boston, 1906.
Cock 2d Boston, 1906.
Cock 4th Boston, 1906.
Cock 5th Boston, 1906.
Cock 1st New York, 1907.
Cock 2d New York, 1907.
Cock 3d New York, 1907.
Cock 1st New York, 1908.
Cock 5th New York, 1908.
Cock 1st Chicago, 1908.
Cock 2d Chicago, 1908.
Cock 1st Brockton, 1908.
Cock 3d Brockton, 1908.
Cock 1st New York, 1909.
Cock 2d New York, 1909.
Cock 3d New York, 1909.
Cock 4th New York, 1909.
Cock 5th New York, 1909.
Cock 1st New York, 1910.
Cock 2d New York, 1910.
Cock 6th New York, 1910.
Cock 1st Boston, 1910.
Cock 2d Boston, 1910.
Cockerel 1st New York, 1901.
Cockerel 2d New York, 1902.
Cockerel 3d New York, 1902.
Cockerel 1st New York, 1903.
Cockerel 2d New York, 1903.
Cockerel 3d New York, 1903.
Cockerel 4th New York, 1903.
Cockerel 1st New York, 1904.
Cockerel 2d New York, 1904.
Cockerel 3d New York, 1904.
Cockerel 4th New York, 1904.

Cockerel 5th New York, 1904.
Cockerel 1st New York, 1905.
Cockerel 2d New York, 1905.
Cockerel 3d New York, 1905.
Cockerel 1st Boston, 1906.
Cockerel 2d Boston, 1906.
Cockerel 3d Boston, 1906.
Cockerel 3d New York, 1907.
Cockerel 1st Boston, 1908.
Cockerel 3d Boston, 1908.
Cockerel 4th Boston, 1908.
Cockerel 3d New York, 1908.
Cockerel 1st Chicago, 1908.
Cockerel 2d Chicago, 1908.
Cockerel 3d Chicago, 1908.
Cockerel 1st Brockton, 1908.
Cockerel 2d Brockton, 1908.
Cockerel 3d Brockton, 1908.
Cockerel 2d New York, 1909.
Cockerel 3d New York, 1909.
Cockerel 5th New York, 1909.
Cockerel 2d New York, 1910.
Hen 1st New York, 1901.
Hen 3d New York, 1901.
Hen 1st New York, 1902.
Hen 2d New York, 1902.
Hen 1st New York, 1903.
Hen 2d New York, 1903.
Hen 3d New York, 1903.
Hen 1st New York, 1904.
Hen 2d New York, 1904.
Hen 5th New York, 1904.
Hen 1st New York, 1905.
Hen 2d New York, 1905.
Hen 4th New York, 1905.
Hen 2d New York, 1907.
Hen 2d Boston, 1906.
Hen 4th Boston, 1906.
Hen 1st Chicago, 1908.
Hen 2d Chicago, 1908.
Hen 4th Chicago, 1908.
Hen 5th Chicago, 1908.
Hen 1st Brockton, 1908.
Hen 2d Brockton, 1908.
Hen 1st New York, 1909.
Hen 2d New York, 1909.

Hen 3d New York, 1909.
Hen 5th New York, 1909.
Hen 1st New York, 1910.
Hen 5th New York, 1910.
Hen 6th New York, 1910.
Hen 1st Boston, 1910.
Hen 2d Boston, 1910.
Hen 3d Boston, 1910.
Pullet 5th New York, 1901.
Pullet 2d New York, 1902.
Pullet 4th New York, 1902.
Pullet 1st New York, 1903.
Pullet 2d New York, 1903.
Pullet 1st New York, 1904.
Pullet 4th New York, 1904.
Pullet 5th New York, 1905.
Pullet 1st New York, 1906.
Pullet 4th New York, 1906.
Pullet 2d Boston, 1906.
Pullet 4th Boston, 1906.
Pullet 5th Boston, 1906.
Pullet 6th Boston, 1906.
Pullet 4th New York, 1907.
Pullet 5th New York, 1907.
Pullet 2d Chicago, 1908.
Pullet 5th Chicago, 1908.
Pullet 3d Brockton, 1908.
Pullet 3d New York, 1909.
Pullet 1st New York, 1910.
Pullet 2d New York, 1910.
Pullet 3d New York, 1910.
Pullet 6th New York, 1910.
Pen 1st New York, 1901.

Pen 1st New York, 1902.
Pen 2d New York, 1902.
Pen 1st New York, 1903.
Pen 2d New York, 1903.
Pen 1st New York, 1904.
Pen 2d New York, 1904.
Pen 4th New York, 1904.
Pen 1st New York, 1905.
Pen 2d New York, 1905.
Pen 3d New York, 1905.
Pen 1st New York, 1907.
Pen 2d New York, 1907.
Pen 3d New York, 1907.
Pen 1st New York, 1908.
Pen 2d New York, 1908.
Pen 3d New York, 1908.
Pen 5th New York, 1908.
Pen 1st Chicago, 1908.
Pen 2d Chicago, 1908.
Pen 1st Boston, 1906.
Pen 1st Brockton, 1908.
Pen 4th Brockton, 1908.
Pen 1st New York, 1909.
Pen 2d New York, 1909.
Pen 3d New York, 1909.
Pen 5th New York, 1909.
Pen 1st New York, 1910.
Pen 2d New York, 1910.
Pen 4th New York, 1910.
Pen 5th New York, 1910.
Pen 6th New York, 1910.
Pen 1st Boston, 1910.

Owen Farms White Orpingtons

Is the business in White Orpingtons large? Indeed it is: by far the largest single business in fancy poultry in this country today if the demand and the possibility of filling that demand could be taken into consideration. No one in this country will commence to fill their White Orpington orders, either for stock or eggs, that they will receive this year. Of that I am confident. That Owen Farms will, I do not believe. We were unable to last year and although we have five times the capacity, both in eggs for hatching and in birds for sale, I still believe there will be no possibility of our satisfying the demand upon us. It is going to grow. For years this condition is going to exist and every one who starts at once in White Orpingtons is going to reap the harvest that always is large when the popular demand is more than the supply. We have said we would be head and shoulders to the front in White Orpingtons. We are confident that this is true and will remain true, and will be able to supply you with better eggs for hatching and better stock in White Orpingtons than any farm in this country. No pains and no expense has been, or is being, spared at Owen Farms to attain this result. Write early. Order eggs early. Do everything early, as far as White Orpingtons are concerned. It will be the only way not to be disappointed. Again I say, order eggs early. If you do not do it and you read this advertisement now, kindly remember what we said about it.

OUR WHITE ORPINGTON WINNINGS LAST SEASON.

1910 AT NEW YORK.
First cock.
Second cock.
First hen.
Second hen.
First cockerel.
Fifth cockerel.
1910 AT BOSTON.
First cock.
First hen.
Third hen.
First cockerel.
Second cockerel.
First pullet.
Second pullet.
Fourth pullet.
Fifth pullet.
First pen, cockerel.
First pen, pullet.
First pen, pullet.
First pen, pullet.

Owen Farms Buff Orpingtons

While we have said in regard to White Orpingtons that it was perhaps the biggest business in the United States, considering it from the standpoint of demand, we do not hesitate to affirm that there is today being done actually more business in Buff Orpingtons, for the reason that it is possible to do more business because there are vastly more Buff Orpingtons in the United States than Whites. The business in Buffs is growing very rapidly and always will. The Buff still continues to be larger in the Orpington class in England and in

OWEN FARMS

this country than any other and the settled favor of a buff bird among the fanciers of the United States that has all the intrinsic merits of the best poultry is acknowledged by the fancier and by the utility man. No bird is more beautiful. No bird is more majestic, and certainly no bird is more useful than the Buff Orpington. Leaders we have been; leaders we are; leaders we shall continue to be in this most beautiful of the Orpingtons. We are fully prepared to take care of all business in Buffs that may come. Our breeders are in excellent condition. Our matings are being made now and our eggs for hatching will be ready when this advertisement appears and we shall give to purchasers of our eggs far better results than ever before. Stock in Buff Orpingtons we can always send very promptly and at very short notice.

OWEN FARMS BUFF ORPINGTON WINNINGS.

Cock 1st New York, 1906.
Cock 3d New York, 1906.
Cock 1st Boston, 1906.
Cock 1st New York, 1907.
Cock 5th New York, 1907.
Cock 1st New York, 1908.
Cock 3d New York, 1908.
Cock 5th New York, 1908.
Cock 1st Chicago, 1908.
Cock 2d Chicago, 1908.
Cock 4th Chicago, 1908.
Cock 1st Cleveland, 1908.
Cock 1st Brockton, 1908.
Cock 2d Brockton, 1908.
Cock 2d New York, 1909.
Cock 4th New York, 1909.
Cock 3d Boston, 1909.
Cock 6th Boston, 1909.
Cockerel 1st New York, 1905.
Cockerel 4th New York, 1905.
Cockerel 5th New York, 1905.
Cockerel 1st New York, 1906.
Cockerel 2d New York, 1906.
Cockerel 1st Boston, 1906.
Cockerel 3d New York, 1907.
Cockerel 5th New York, 1908.
Cockerel 1st Chicago, 1908.
Cockerel 4th Chicago, 1908.
Cockerel 1st Cleveland, 1908.
Cockerel 2d New York, 1909.
Cockerel 5th New York, 1909.
Cockerel 1st Boston, 1909.
Cockerel 6th Boston, 1909.
Hen 1st New York, 1905.
Hen 1st New York, 1906.
Hen 4th New York, 1906.
Hen 1st Boston, 1906.
Hen 5th New York, 1907.
Hen 3d Chicago, 1908.
Hen 5th Chicago, 1908.
Hen 3d Cleveland, 1908.
Hen 1st Boston, 1909.
Pullet 1st New York, 1905.
Pullet 1st New York, 1906.
Pullet 1st Boston, 1906.
Pullet 1st New York, 1908.
Pullet 1st Chicago, 1908.
Pullet 2d Chicago, 1908.
Pullet 3d Chicago, 1908.
Pullet 1st Cleveland, 1908.
Pullet 1st Brockton, 1908.
Pullet 2d Boston, 1909.
Pullet 4th Boston, 1909.
Pens 1st New York, 1908.
Pens 1st Chicago, 1908.
Pens 3d Chicago, 1908.
Pens 5th Chicago, 1908.
Pens 3d Cleveland, 1908.
Pen 3d New York, 1909.
Pen 1st Boston, 1909.
Collection 1st New York, 1905.
Collection 1st New York, 1906.
Collection 1st New York, 1906.
Collection 1st Chicago, 1908.
Collection 1st Cleveland, 1908.
Collection 1st Brockton, 1906.
Collection 1st Boston, 1909.
Cup, Champion Male, N. Y., 1905.
Cup, Champion Female, N. Y., 1905.
Cup, Champion Male, N. Y., 1906.
Cup, Champion Female, N. Y., 1908.
Cup, Champion Male, N. Y., 1907.
Cup, Champion Male, N. Y., 1908.
Cup, Champion Display, N. Y., 1908.
Cup, Best American Bred Cock, Hen, Cockerel, Pullet, Pen, N. Y., 1908.
Cup, Best Display, Chicago, 1908.
Cup, Best Colored Male, Cleveland, 1908.
Cup, Best Colored Female, Cleveland, 1908.
Cup, Best Cock, Cleveland, 1908.
Cup, Best Cockerel, Cleveland, 1908.
Cup, Best Pullet, Cleveland, 1908.
Cup, Best Collection, Cleveland, 1908.
Cup, Best Collection, Boston, 1909.
Winnings, 1910, at New York.
Second Cock.
Second Hen.
Third Cockerel.
Fifth Pullet.
First Pen Cockerel.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.
Fourth Pen Cock.
Fourth Pen Pullet.
Fourth Pen Pullet.
Fourth Pen Pullet.
Fourth Pen Pullet.
Winnings, 1910, at Boston.
Second Cock.
First Hen.
Fourth Hen.
First Cockerel.
Second Cockerel.
Second Pullet.
Third Pullet.
Fourth Pullet.
Sixth Pullet.
First Pen Cockerel.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.

Owen Farms Black Orpingtons

In the showroom the Black Orpington is apt to be the sensation of the Orpington alley. Size apparently predominates, although it is not true that weight predominates. The Black Orpington does not weigh as much as to all appearances he would weigh, although Blacks are fully up to weight. They are looser feathered than either of the other varieties and when one is handled it is immediately apparent that the Buff and White, although not to appear-

ance as large, still weigh as much. The Blacks are growing steadily in popular favor. The best individual birds that have ever been brought to America Owen Farms have imported. The best blood that exists in England represents Owen Farms' flock of Blacks. Our winnings have demonstrated our Blacks to be in the very first rank and we can and will furnish you both eggs for hatching and stock that we dare to say will give you the best Blacks in this country.

OWEN FARMS BLACK ORPINGTON WINNINGS.

Cock 2d New York, 1905.
Cock 5th New York, 1906.
Cock 4th Chicago, 1908.
Cock 3d Cleveland, 1908.
Cock 4th Cleveland, 1908.
Cock 1st Brockton, 1908.
Cock 2d Brockton, 1908.
Cockerel 1st New York, 1905.
Cockerel 3d New York, 1905.
Cockerel 1st New York, 1906.
Cockerel 2d New York, 1906.
Cockerel 4th New York, 1906.
Cockerel 1st Boston, 1906.
Cockerel 5th Cleveland, 1908.
Hen 1st New York, 1905.
Hen 4th New York, 1906.
Hen 1st New York, 1907.
Hen 5th New York, 1907.
Hen 3d Chicago, 1908.
Hen 4th Chicago, 1908.
Hen 2d Cleveland, 1908.
Hen 4th Cleveland, 1908.
Hen 5th Cleveland, 1908.
Hen 1st Brockton, 1908.
Hen 2d Brockton, 1908.
Pullet 3d New York, 1905.
Pullet 1st New York, 1906.
Pullet 4th New York, 1906.
Pullet 1st Boston, 1906.
Pullet 3d Chicago, 1908.
Pullet 1st Cleveland, 1908.
Pullet 3d Cleveland, 1908.
Pullet 5th Cleveland, 1908.
1910 AT BOSTON.
First Cockerel.
Second Cockerel.
Third Pullet.
First Pullet.
Second Pullet.
Third Pullet.
Fourth Pullet.
Sixth Pullet.
First Pen Cockerel.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.

Owen Farms Barred Rocks

In England you can go from London to Edinburgh in twelve hours. This is almost from the extreme south to the extreme north of that country. From Manchester or Birmingham, which is about in the center, two or three hours will take you in all directions from these points throughout England to any show being held in that country or to any farm where the best are bred. Think of it! How easy it is there to do business. If every fancier in America could come and see Owen Farms' Barred Rocks with an average journey of four or five hours how surely would we have every Barred Rock fancier in the course of time visiting us to inspect and know our flock and how welcome they all would be. A group of ten Barred Rock fanciers could gather around ten cockerels which we have and spend an entire half day studying and admiring these birds from their type and appearance on the ground and from the close examination in handling. We believe that such a group of ten of the best fanciers in Barred Rocks in America would conclude that no ten cockerels could surpass them. The same group of enthusiasts would come to the same decision in regard to pullets. We have many more and better cockerels and pullets than we showed at New York last year. It is a wonderful lot and we know exactly how they were bred and produced. We can as surely help you out in sure improvement in Barred Rocks as can any dealer in this country. Fineness of barring, depth of under-color and barring, sharp, bright, snappy males and females, with magnificent type and great size, prevail at Owen Farms. Barred Rocks at all prices, both cockerel and pullet bred, can be most certainly supplied you to your entire satisfaction.

OWEN FARMS BARRED ROCK WINNINGS.

Cock 1st N. Y. State Fair, 1898.
Cock 1st Rochester, N. Y., 1899.
Cock 2d Rochester, N. Y., 1899.
Cock 1st N. Y. State Fair, 1899.
Cock 1st Boston, 1900.
Cock 1st New York, 1900.
Cock 1st Johnstown, N. Y., 1900.
Cock 2d Johnstown, N. Y., 1900.
Cock 3d Johnstown, N. Y., 1900.
Cock 1st New York, 1901.
Cock 3d New York, 1901.
Cock 4th New York, 1901.
Cock 5th New York, 1901.
1902 and 1903 did not show.
Cock 1st New York, 1904.
Cock 1st N. Y. State Fair, 1904.

Continued on Next Page

OWEN FARMS

Cock 3d New York, 1905.
Cock 5th New York, 1905.
Cock 3d N. Y. State Fair, 1905.
Cock 4th New York, 1906.
Cock 6th New York, 1906.
1907 did not exhibit.
Cock 3d New York, 1908.
Cock 5th New York, 1908.
Cock 1st N. Y. State Fair, 1908.
Cock 2d N. Y. State Fair, 1908.
Cock 3d N. Y. State Fair, 1908.
Hen 1st Rochester, N. Y., 1899.
Hen 2d Rochester, N. Y., 1899.
Hen 4th Rochester, N. Y., 1899.
Hen 3d New York, 1899.
Hen 1st Boston, 1900.
Hen 2d Johnstown, N. Y., 1900.
Hen 1st New York, 1901.
Hen 2d New York, 1901.

1902 and 1903 did not show.
Hen 4th New York, 1904.
Hen 2d N. Y. State Fair, 1904.
Hen 1st N. Y. State Fair, 1905.
Hen 3d N. Y. State Fair, 1905.
Hen 1st New York, 1906.
Hen 2d New York, 1906.

1907 did not exhibit.
Hen 2d New York, 1908.
Hen 1st N. Y. State Fair, 1908.
Hen 2d N. Y. State Fair, 1908.
Hen 3d N. Y. State Fair, 1908.
Cockerel 1st N. Y. State Fair, 1898.

Cockerel 1st Rochester, N. Y., 1899.
Cockerel 2d Rochester, N. Y., 1899.
Cockerel 4th Rochester, N. Y., 1899.
Cockerel 1st New York, 1899.
Cockerel 1st N. Y. State Fair, 1899.

Cockerel 2d N. Y. State Fair, 1899.
Cockerel 2d Boston, 1900.
Cockerel 1st New York, 1900.
Cockerel 1st Johnstown, N. Y., 1900.

Cockerel 2d Johnstown, N. Y., 1900.
Cockerel 3d Johnstown, N. Y., 1900.
Cockerel 1st New York, 1901.
Cockerel 2d New York, 1901.
Cockerel 5th New York, 1901.

1902 and 1903 did not show.
Cockerel 2d New York, 1904.
Cockerel 3d New York, 1904.
Cockerel 2d New York, 1905.
Cockerel 4th New York, 1905.
Cockerel 1st N. Y. State Fair, 1905.

Cockerel 2d N. Y. State Fair, 1905.
Cockerel 2d New York, 1906.
Cockerel 3d New York, 1906.
Cockerel 8th New York, 1908.
Cockerel 1st N. Y. State Fair, 1908.

Cockerel 2d N. Y. State Fair, 1908.
Cockerel 3d N. Y. State Fair, 1908.
Pullet 1st N. Y. State Fair, 1898.
Pullet 1st Rochester, N. Y., 1899.
Pullet 2d Rochester, N. Y., 1899.

Pullet 4th Rochester, N. Y., 1899.
Pullet 5th New York, 1899.
Pullet 3d N. Y. State Fair, 1900.
Pullet 2d New York, 1900.
Pullet 4th New York, 1900.

Pullet 1st Johnstown, N. Y., 1900.
Pullet 2d Johnstown, N. Y., 1900.
Pullet 3d Johnstown, N. Y., 1900.
Pullet 4th Johnstown, N. Y., 1900.
Pullet 5th Johnstown, N. Y., 1900.

1902 and 1903 did not show.
Cockerel 2d New York, 1904.
Cockerel 3d New York, 1904.
Cockerel 2d New York, 1905.
Cockerel 4th New York, 1905.
Cockerel 1st N. Y. State Fair, 1905.

Cockerel 2d N. Y. State Fair, 1905.
Cockerel 2d New York, 1906.
Cockerel 3d New York, 1906.
Cockerel 8th New York, 1908.
Cockerel 1st N. Y. State Fair, 1908.

Cockerel 2d N. Y. State Fair, 1908.
Cockerel 3d N. Y. State Fair, 1908.
Pullet 1st N. Y. State Fair, 1898.
Pullet 1st Rochester, N. Y., 1899.
Pullet 2d Rochester, N. Y., 1899.

Pullet 4th Rochester, N. Y., 1899.
Pullet 5th New York, 1899.
Pullet 3d N. Y. State Fair, 1900.
Pullet 2d New York, 1900.
Pullet 4th New York, 1900.

Pullet 1st Johnstown, N. Y., 1900.
Pullet 2d Johnstown, N. Y., 1900.
Pullet 3d Johnstown, N. Y., 1900.
Pullet 4th Johnstown, N. Y., 1900.
Pullet 5th Johnstown, N. Y., 1900.

Pullet 3d Johnstown, N. Y., 1900.
Pullet 4th Johnstown, N. Y., 1900.

Pullet 1st New York, 1901.
Pullet 2d New York, 1901.
Pullet 4th New York, 1901.
1902 and 1903 did not exhibit.

Pullet 5th New York, 1904.
Pullet 5th N. Y. State Fair, 1904.
Pullet 1st N. Y. State Fair, 1905.
Pullet 2d New York, 1906.
Pullet 8th New York, 1906.

Pullet 1st New York, 1908.
Pullet 1st N. Y. State Fair, 1908.
Pullet 2d N. Y. State Fair, 1908.
Pullet 3d N. Y. State Fair, 1908.
Pullet 4th N. Y. State Fair, 1908.

Pen 1st N. Y. State Fair, 1898.
Pen 1st Rochester, N. Y., 1899.
Pen 5th New York, 1899.
Pen 1st N. Y. State Fair, 1899.
Pen 1st New York, 1900.

Pen 3d New York, 1900.
Pen 3d New York, 1901.
Pen 5th New York, 1901.
1902 and 1903 did not show.
Pen 1st New York, 1904.

Pen 3d New York, 1904.
Pen (young) 1st New York State Fair, 1904.
Pen (old) 1st New York State Fair, 1904.
Pen 2d New York, 1905.
Pen 5th New York, 1905.

Pen (old) 1st New York State Fair, 1905.
Pen (young) 1st New York State Fair, 1905.
Pen 3d New York, 1906.
1907 did not exhibit.
Pen 5th New York, 1908.

Pen 7th New York, 1908.
Pen (old) 1st New York State Fair, 1908.
Pen (old) 3d New York State Fair, 1908.
Pen (young) 2d New York State Fair, 1908.
Pen (young) 3d New York State Fair, 1908.

1910 AT NEW YORK.
Third Cock.
Fourth Hen.
Sixth Hen.
Eighth Hen.
Fifth Cockerel.

Eighth Pullet.
First Pen Cockerel.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.

First Pen Pullet.
Eighth Pen Cock.
Eighth Pen Hen.
Eighth Pen Hen.
Eighth Pen Hen.

First Pullet Breeding Pen Cockerel.
First Pullet Breeding Pen Pullet.
First Pullet Breeding Pen Pullet.
First Pullet Breeding Pen Pullet.
First Pullet Breeding Pen Pullet.

1910 AT BOSTON.
Second Cockerel.
Fourth Pullet.
Fifth Pullet.
Second Pen Cock.
Second Pen Hen.

Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.

Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.

Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.

Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.
Second Pen Hen.

up the perfect Wyandotte." I was delighted at these replies because I am especially fond of the White Wyandotte and I am glad to know and to announce that it is a fact that the White Wyandotte is holding its own and advancing both in numbers and in quality.

The White Wyandotte is not a small feature at Owen Farms. It is one of the very largest and most important of all our interests. We are enthusiasts on the breed. At New York last year and at Boston it was generally conceded that the pullets of our two winning pens were as near the ideal as perfect specimens as had ever been exhibited. Proud and delighted am I, therefore, when I can say without any hesitation whatever that our pullets and our cockerels are better than last year. We can put up better birds along the line in all four classes as individuals and we can mate together better pens for exhibition and for our egg trade. Owen Farms expects to furnish you by far the best eggs for hatching in White Wyandottes they ever produced. They cannot help it. Twenty-five cock birds and twenty-five cockerels that they have for their pens this year will rank far better as fifty male birds than any fifty in this country. I would have no hesitation to accept any conditions whatever in regard to an individual contest between any individual fancier or any farm in this country in a like number of White Wyandotte male birds to be exhibited and shown privately or publicly. These are strong words, but they are right. We have the ideal White Wyandotte in its most perfect form.

We shall be glad to book your orders for show stock because we know what we can do for you. We shall be glad to book your order for White Wyandotte eggs for hatching because we know the results will be pronouncedly the best you ever had from any source whatever.

OWEN FARMS WHITE WYANDOTTE WINNINGS.

Cock 2d Boston, 1906.
Cock 6th Boston, 1906.
Cock 1st Brockton, 1908.
Cock 3d Brockton, 1908.
Cockerel 2d New York, 1905.
Cockerel 5th New York, 1905.
Cockerel 4th New York, 1906.
Cockerel 1st Boston, 1906.

Cockerel 4th Boston, 1906.
Cockerel 1st New York, 1908.
Cockerel 1st Chicago, 1908.
Cockerel 5th Chicago, 1908.
Cockerel 2d New York, 1909.
Cockerel 3d New York, 1909.

Cockerel 1st Boston, 1909.
Hen 2d New York, 1905.
Hen 5th New York, 1905.
Hen 2d Boston, 1906.
Hen 6th Boston, 1906.
Hen 1st Chicago, 1908.

Hen 2d Brockton, 1908.
Hen 3d Brockton, 1908.
Hen 1st New York, 1909.
Hen 5th New York, 1909.
Pullet 3d New York, 1905.
Pullet 1st New York, 1906.

Pullet 2d New York, 1906.
Pullet 1st Boston, 1906.
Pullet 3d Boston, 1906.
Pullet 5th Boston, 1906.
Pullet 1st Chicago, 1908.
Pullet 2d Chicago, 1908.

Pullet 3d Chicago, 1908.
Pullet 4th Chicago, 1908.
Pullet 1st Brockton, 1908.
Pullet, 2d New York, 1909.
Pen 2d New York, 1905.
Pen 4th New York, 1906.

Pen 2d Boston, 1906.
Pen 3d New York, 1908.
Pen 1st Chicago, 1908.
Pen 4th Chicago, 1908.
Pen 1st Brockton, 1908.

Pen 1st New York, 1909.
Collection 2d New York, 1905.
Collection 1st Boston, 1906.
Collection 2d New York, 1908.
Collection 1st Chicago, 1908.
Collection 1st Brockton, 1908.

Collection 2d New York, 1909.
1910 AT NEW YORK.
Third Cock.
Third Hen.
Sixth Hen.

Fourth Cockerel.
Second Pullet.
First Pen Cockerel.
First Pen Pullet.
First Pen Pullet.
First Pen Pullet.

Fourth Pen Cock.
Fourth Pen Hen.
Fourth Pen Hen.
Fourth Pen Hen.
Fourth Pen Hen.

Fourth Pen Hen.
1910 AT BOSTON.
Second Cock.
First Hen.
Second Hen.

Sixth Hen.
Third Cockerel.
First Pullet.
Fifth Pullet.
First Pen Cock.
First Pen Hen.

First Pen Hen.
First Pen Hen.
First Pen Hen.
Second Pen Cockerel.
Second Pen Pullet.

Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.

Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.
Second Pen Pullet.

Owen Farms White Wyandottes

I asked Mr. Frank H. Davey, a noted judge, what his experience had been in the shows this year where he had judged. "How were the White Wyandotte classes; first, in numbers, and, second, in quality?" His reply was that invariably the White Wyandotte class is one of the very largest, if not the largest, class in the show. To the second question he answered, "The quality is marvelous. Nearer to the standard of perfection, whiter in color, better far in head points, better eyes, combs, breast, spread and length of tail and in general curves that go to make

Owen Farms S. C. Rhode Island Reds

I like to talk about the past and present. When it comes to the poultry business this is actually what counts, for the future to a very large extent takes care of itself from the past and the present. But, unfortunately, in the

OWEN FARMS

R. I. Reds I am precluded from saying much about the past and must confine myself to the present. The present S. C. R. I. Red is a marvel. It has the following grand points in its favor. It is a very hardy bird. No stronger chicks are ever reared than R. I. Reds from good stock as they come today. The eggs for hatching have remarkable fertility. The hatches are very large and the young chicks come so strong that the old expression, "You can't kill them except with an axe," has a lot of truth to it. The R. I. Red male and female mature early. The pullets commence to lay at four or five months' old. They lay exceptionally well; are among the best layers of any breed known. The color of the S. C. R. I. Red has developed into a beautiful dark red, which is different than any other poultry color in existence. It has an individuality all its own. It has a gloss, sheen, brilliancy and depth that is surprising and fascinating. The evenness of this color is getting more pronounced every day and today is very satisfactory. The undercolor is strong and generally clean. The wing markings are especially good and the tail markings as well. The type is well settled and favorably accepted by all. The S. C. R. I. Red is popular. Our Mr. Delano, Mr. Cosh and Mr. Davey, together with the writer, the proprietor of Owen Farms, have visited many shows this autumn up to the present time and the R. I. Red classes have been nothing short of wonderful and the enthusiastic fanciers around and among the Reds are the successful fanciers and breeders of the country. Owen Farms' S. C. R. I. Red flock represents the very best in this grand variety. It has all the points that have been enumerated above. We have type, color, markings, head, eye, etc., that make our birds in the very top class. We can demonstrate it to you by winning for you. We can send you birds on approval that you will be glad to get at the price. If you want to start a flock of R. I. Reds from EGGS FOR HATCHING we are positive that you can do it to better advantage in ordering from us than in any other way. If you wish to start from stock we can supply it.

OWEN FARMS WINNINGS IN S. C. R. I. REDS.

We have never shown in this class. Our winners are growing in our yards. Confidently do we predict that the future will give us the same marvelous results in winning in S. C. R. I. Reds that it has in every class in which Owen Farms has entered. More I cannot say. Your confidence in us in this respect must be founded upon what we have done and the truth of what we have said in the past.

Owen Farms R. C. Rhode Island Reds

As you have read, so you know, that Owen Farms consists of a series of farms. In order absolutely to do the very best we possibly can in Reds we have decided to place our Rose Comb R. I. Reds at an entirely different farm than where our Singles are reared and kept. Our R. C. R. I. Reds will be under the care of Mr. Frank H. Davey at the same farm where he will preside over our White Rocks. Every breeder who reads this will understand the importance of this step. There is truly no close relationship between the S. C. R. I. Red and the R. C. R. I. Red. Far better is it, we

believe, that these two varieties shall be kept absolutely distinct and as far apart as circumstances will permit. These two flocks are separated by over three miles of distance, and if you are a fancier of the Rose Comb you can understand that the R. C. R. I. Red of Owen Farms is being as distinctly bred, as carefully handled and as well managed as though it was the only variety in any possible way that Owen Farms was interested in. That is the main point for you to consider. We can and will do for you in this variety just as much, and we can do it just as well, as though this was the only breed we handled. Our flock represents the same in color, type, markings, head points and every characteristic of the breed as we have indicated above in the Single Combs. We know the varieties of Reds. We know the business and we are yours to command.

OWEN FARMS R. C. R. I. RED WINNERS.

What we said about the Single Combs is true here about the Rose Combs. The future is before us, and that we shall make it answer the questions asked of it we are confident and we leave you to judge.

Eggs For Hatching

Our methods for producing our eggs for hatching this year will be exactly the same as last. Our pens will be mated with the same care. Our very best birds will be mated in them in each of our varieties. We shall give the public exactly the same chance of getting eggs from the very best birds we own and raising the best chick of the year. We shall issue a mating list as in former years, and your application for it at an early date will be to your advantage. Our prices will be exactly the same as last year. While our quality has improved, and while we have exceptional birds that could be mated into pens that would warrant the highest price paid for eggs for hatching in the United States of America, we do not propose to change our prices in any particular. Our prices will be the same in each and all of our varieties and are as follows:

10 eggs for	\$ 7.50
11 eggs for	8.25
12 eggs for	9.00
13 eggs for	9.75
14 eggs for	10.50
15 eggs for	11.25
50 eggs for	60c each, or \$30.00
100 eggs for	50c each, or 50.00

We guarantee a good hatch. In the event of your not having a satisfactory hatch we will furnish you a number equal to your first order at one-half price. Express charges will be prepaid on all orders for eggs (ten or over) for original orders, but not on eggs at half price, either on account of unsatisfactory hatch or on account of lateness of the season, which half-price season commences June 1st.

Owen Farms

Wm. Barry Owen, Prop. Maurice F. Delano, Mgr.

107 William St. Vineyard Haven, Mass.

White Plymouth Rocks

A few good yearling hens for sale, \$1.50 each; genuine bargains.

S. M. Dickinson : Box C : Granville, Ohio

R. C. REDS

Winners at Cincinnati and Indianapolis, 1909-10—Birds of quality. We are strong on shape, color, size, head points and yellow legs. **MAYWOOD FARMS**, (150 ac. es), Chas. C. Coulter, Proprietor, Frankfort, Ind.

RED PYLE EXHIBITION GAMES

No more birds for sale, not more than half enough to fill orders. Am booking orders now at \$5.00 setting. Watch report of winter shows. Booklet free.

Henry Bennett, Brown, West Virginia

A — B — C

AMERICA'S BEST CHICKEN

WHITE ORPINGTONS. Have a few early hatched cks. to spare, of the same breeding as my second prize chl. at the late Illinois State Fair. Write for prices. Satisfaction guaranteed.

A. B. C. Poultry Yards - Hettick, Ill.

ROSE AND SINGLE COMB**BLACK MINORCAS**

Cockerels and pullets for sale.

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150 acres devoted to standard bred S. O. W. Leghorns for winter egg production. Sold out of females. Only 500 cockerels left for sale. Booking orders for hatching eggs in January.

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**SCOTCH COLLIE SALE!**

Puppies, brood matrons and stud dogs from imported stock. Give description of what you want and save me describing all I have. Price will be governed according to age, sex and quality. Book on training, 25 cents.

F. R. Clark : : Bloomington, Ill.
Sunnybrae Kennels

**Successful Egg Farming**

Among people who can afford luxuries there is great demand for a regular supply of fresh eggs. The few growers who can furnish them regularly, winter and summer alike get very high prices.

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(entitled "\$6.41 per Hen per Year"), tells how two men, in poor health, starting four years ago with only thirty hens, made from their little egg-farm a clear profit of over \$12,000 last year. It tells all about their experience, their failures, their methods and how other men or women, with good sense, care and faithful work can make money in the same way. Not a detail left out.

The Corning Egg-Book is sold in combination with the Farm Journal, Philadelphia, Pa., and we have made arrangements to make this

Special Offer

For \$1.00 (cash, money order or check) we will send postpaid the Corning Egg-Book and the Farm Journal for two years, and American Poultry Advocate 2 years, all for \$1 if order is sent at once to

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100 Hodgkins Block, Syracuse, N. Y.

World's Foremost White Wyandottes

have won the highest honors at N. Y., Boston and all the prominent shows in U. S. and Canada, including the Alaska Yukon Exposition. Send for circular and see who has been breeding the best winners for many years. All stock returned at my expense, if not satisfactory.

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These money-makers are represented in every state of the Union as well as in England, Canada, Germany, Italy, Russia, Sweden, Japan, Mexico, Porto Rico, Panama and Brazil. "There's a reason" for our world-wide reputation. Send for our 1910 catalogue which will give you the answer.

Monmouth Poultry Farms, Freneau, Monmouth Co., N. J., U. S. A.
J. Courtney Punderford, Owner : Egbert Wilson, Jr., Sup't

700-MARCH HATCHED-700

Ready to exhibit. From the 2000 we raised we have culled down to 700.

E. B. Thompson's Pure Ringlet Strain

We are bound to satisfy. Such culling means nothing but quality left. They are farm raised, so we can furnish cockerels for \$5.00, \$7.50 and \$10.00, that would cost you two and three times as much elsewhere. Some fine hens and pullets to spare also.

G. A. BARNETT

R. F. D. 1, CLINTON, ILLINOIS

RIPPLEY'S Day-Old Chick, Egg and Poultry Shipping Boxes

ARE GUARANTEED TO GIVE SATISFACTION OR MONEY RETURNED. Made of strong, corrugated pasteboard; will stand weight of five men. Dead Air Cells keep out heat and cold. If you want your customers to receive shipments without loss or high express charges, use these boxes. Order direct—now. Here are the prices.

Fowl Shipping Coops.			Ripley's Day-Old Chick Shipping Boxes.			Ripley Knocked Down Anderson Egg Box.		
No.	Size	Per Doz.	Size	Per Doz.	Size	No.	Per Doz.	
1.....	12 x 16 x 18.....	\$3.25	100 Chicks.....	24 x 12 x 5.....	\$2.90	1 Sitting.....	30.....	\$1.15
2.....	12 x 18 x 22.....	3.75	50 Chicks.....	12 x 12 x 5.....	1.75	2 Sitting.....	40.....	1.90
3.....	12 x 22 x 22.....	4.00	25 Chicks.....	12 x 6 x 5.....	1.25	50 Egg Size.....	50.....	2.75
4.....	20 x 22 x 22.....	5.50				100 Egg Size.....	60.....	4.50
5.....	20 x 24 x 22.....	6.00						

Ripley's Eyrie Egg Boxes.			Prices on all boxes are net per dozen.		
Size	Per Doz.	Size	(Special Prices on Large Orders.)		
1 Doz., 1 Sitting.....	\$1.55	1 Doz., 2 Sitting.....	\$2.00		

We manufacture All galvanized-steel Brood Coops, Fireless Brooders, Feed Cookeys, Brooder-house Heaters, White-washers, Sprayers, Spraying Solutions, Lice Killers, Bone Grinders, Steel Carts, etc. Catalogue free.

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10 Barred Rock Ckls.**FOR SALE**

For quick disposal I am offering ten of the best Barred Plymouth Rock cockerels I ever disposed of at half to one-third of their value. An exact description of each bird will be given you if wanted. :: :: ::

Prices: \$5, \$7.50 and \$10 each

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OSBURN'S BARRED ROCKS, RHODE ISLAND REDS AND BUFF TURKEYS

The breeds that pay
We breed for egg production

Average breeders, \$2 each
Choice breeders, \$3 each

Show birds, \$5 and up
Eggs and day-old chicks in season

Catalogue free
Everything guaranteed

Our Barred Rocks are Bradley strain. We claim for our stock large size, narrow barring, good combs and eyes, clean yellow legs and bright plumage, free from brassiness. Our cockerels are unusually good this year.

Our Rhode Island Reds are in both combs and are great egg producers. We have about 400 pullets and more than 200 cockerels to offer and feel confident that we can please. Some yearlings also for sale. Write before the good ones are gone.

Our Buff Turkeys are a fine strain. Scores of pleased customers are our friends. Our stock has buff wings and tails, and is large and thrifty.

N. B.—Remember that our guarantee is backed by the American Poultry Journal, and if you are not well pleased with your purchase stock can be returned and money will be cheerfully refunded.

William Osburn, Goose Lake Poultry Farm, Morris, Illinois

THE MOST PROFITABLE BREED

You breed poultry for pleasure or profit. Strong claims are being made for some breeds, but there are no requirements that the Black Langshans cannot fill as all around layers, winter or summer table fowls, the show room or hatchers and breeders. 28 years' experience with the most of the popular varieties has shown me that the Black Langshan has no superior. Their quality and appearance of flesh as well as weight proves them the only substitute for the scarce and high priced Turkey, while they are the easiest and hardiest fowl to raise. Bred pure for centuries with no taint of foreign blood places them in a class by themselves. As for quality for three years in succession have won all firsts on males at Chicago but one, and has furnished first prize males for New York, Buffalo, Scranton, Springfield, Ill., and smaller shows everywhere. At the Ill. State Fair last month we won 1st and 2d cock, 1st and 2d chl., 1st and 3d hen and 1st pen. Every one of the above winners were bred at Hewes' Farm. We buy no stock to sell. Eighteen acres free range and our entire and personal attention. We have paid and received the highest prices ever known in the U. S. All stock on approval or price refunded.

R. A. HEWES : CRETE, ILLINOIS
JOIN BLACK LANGSHAN CLUB AND BUY LANGSHANS WHETHER YOU BUY OF ME OR NOT



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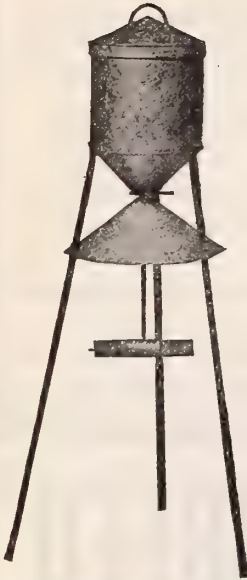
At your shows this season, and I want you to win with—

Wolverine Strain White Plymouth Rocks

Using such winners for your breeders, you can raise your own winners for next year, for the Wolverine Strain has been line-bred for many years and have won in the best competition this country affords. Not only this season, but every season since 1903. I have a larger and better lot of show birds this year than ever before. They can win for you at any show. My prices are reasonable—I don't ask you to pay for the reputation back of my birds and allow you to be the one and only judge as to whether or not you paid too much for the stock I send you. If you are not entirely satisfied with stock sent you, return it at my expense and I refund your money without a question. No breeder has better stock or stock more carefully bred. No breeder has better facilities for breeding, raising, conditioning and fitting for the show room. And (the main thing of all) no breeder makes a fairer or broader guarantee, or is more anxious to please you, than I am. You can not afford to overlook my strain when making your inquiries.

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Our machine will add to the benefits derived from the summer free range, and keep your birds in condition for the coming show season.

It is endorsed by the largest poultrymen in the country as the only **Perfect Automatic Feeding Device ever offered** and will positively effect a saving of over 20% in your feed account, increase egg production, eliminate the **labor and care of feeding**, while the average weight of the flock is materially increased **and every bird fit for market.**

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We **GUARANTEE** the purchaser absolute satisfaction in every respect, or money and expenses refunded after a **30 days' trial.** It therefore costs you nothing to prove our claims, and we want you to try our machine.

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20 WATER STREET

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Don't force your hens by feeding patent or prepared foods. These often lead to serious injuries.

Feed them on fresh meat scraps, green bone and substitutes for the green stuff of the summer, and above all, give them plenty of fresh water of the right temperature.

Cold water in summer acts as a tonic, whereas warm water at that season makes them listless and lazy.

Warm water in winter stimulates the fowls and acts as an invigorator, consequently it keeps them up and doing. Result—More eggs.

Weldon's Fireless Poultry Fountain and Hopper Feeder

has made it possible to keep warm water before your fowls during the cold winter months for 36 hours without the use

of a fire. It is built like a fireless cooker and works like a "Thermos" bottle. 64% of an egg is water. Your hens can't lay if they cannot supply the necessary moisture for the eggs. Coax them to drink by keeping warm water before them at all times during the winter in one of our fountains. **The egg yield will double and triple.** Get a copy of our **Free Book** giving the experience of successful poultrymen with this invention, by addressing

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HARRISON'S SQUARE DEAL

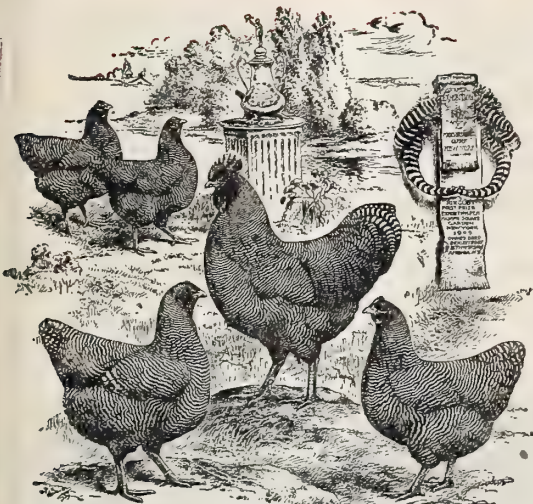
At Ohio State Fair, 1910, won 1st cock, 1st hen, 1st cockerel, 2d and 3d pullet; no pen shown. Quality stock for sale, sired by Cleveland, Hagerstown and State Fair winners. In competition they score to 9614. Free illustrated circular. Please mention American Poultry Journal.

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Fashion's Proudest Birds

ARE "RINGLETS"



E. B. Thompson's Barred Plymouth Rocks are identical to success in Barred Rock breeding; they combine all the great qualities of size, style, shape, heads, barring and color which has made the "Ringlets" America's leading strain.

Their conquest of Madison Square Garden, New York, for more than 20 years is familiar to every Barred Rock fancier throughout the civilized world. The record stands alone and puts all others in eclipse—it is the most remarkable in the annals of poultry shows.

The "Ringlets" are always imitated, but never equaled

I now have on my farm the largest and finest lot of superior exhibition and breeding birds—both male and female—I ever owned; they show that elegant blue color and bright, snappy, narrow "Ringlet" barring, that win under all judges and have made my Barred Rocks the leading silver cup and trophy winners at Madison Square Garden, New York, since 1887—nearly a quarter of a century. These birds will be the winners this fall and winter for the leading shows of America. Will mate breeders to produce winners if desired.

The enormous prestige of my "Ringlets," created by superlative quality, has made them the standard by which all other Barred Plymouth Rocks are judged

New richly illustrated 58-page catalogue mailed upon request; it is full of pictures of New York winners from life. You may have the product of my skill, reaped by 30 years' experience, at reasonable prices. Your wants will have my best and personal attention.

"Ringlet" First Prize Exhibition Pen and Winners of Sweepstakes Silver Cup at Madison Square Garden, New York, 1909

SEE MY OTHER ADS IN THIS ISSUE

Address E. B. Thompson, Lock Box 510, Amenia, N. Y.

OVER \$12,000 PROFIT

On 1953 Laying Pullets

The ordinary poultryman will say it can't be done—that \$2 to \$3 per hen is the very utmost that even an expert can make clear. He will say that even if a few experienced men could make \$6.41 per hen, it is impossible for two mere beginners.

And yet that is exactly what the Cornings, father and son, **did do**. Starting four years ago with only 30 hens, with no experience, with Prof. Gowell's bulletins as their foundation, with many experiments and much hard work, this was the result—over \$12,000 clear profit. Read the whole story in our

Corning Egg-Book

(entitled "**\$6.41 per Hen per Year.**") Not what the Cornings might do, or could do, or want to do, but what they **did do**. Facts, figures, names, dates, photographs of their plant, plans of their houses, all proving the remarkable claims.

The book tells everything—where the Cornings find their market, why they raise only white-shelled, sterile eggs, how they keep hens laying regularly in winter, when they hatch chicks that are to do their best work in December and January, how to mix the feed that produces the most eggs, how to prevent losses, how they found the best breed for egg producing, and how their whole system works to that one end—eggs, EGGS, EGGS. It gives photographs of their plant, and complete working plans of their buildings, which can be made in sections, large or small, as needed.

OUR GREAT OFFER	{	<i>American Poultry Journal, 2 years</i>	}	<i>\$2 VALUE</i>
		<i>Farm Journal, 2 years</i>		<i>\$1.00</i>
		<i>Corning Egg-Book, Postpaid</i>		

American Poultry Journal is the oldest, largest, and best poultry paper in America. Contains up to 188 pages in a single issue, and is the only poultry paper published that illustrates the different varieties of poultry on its front cover each month. Since 1874 its editors have succeeded in publishing a journal interesting and educating to poultry raisers.

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ON

WORLD FAMOUS NIAGARA FARM

W. Roy Curtiss

W. R. CURTISS & CO.

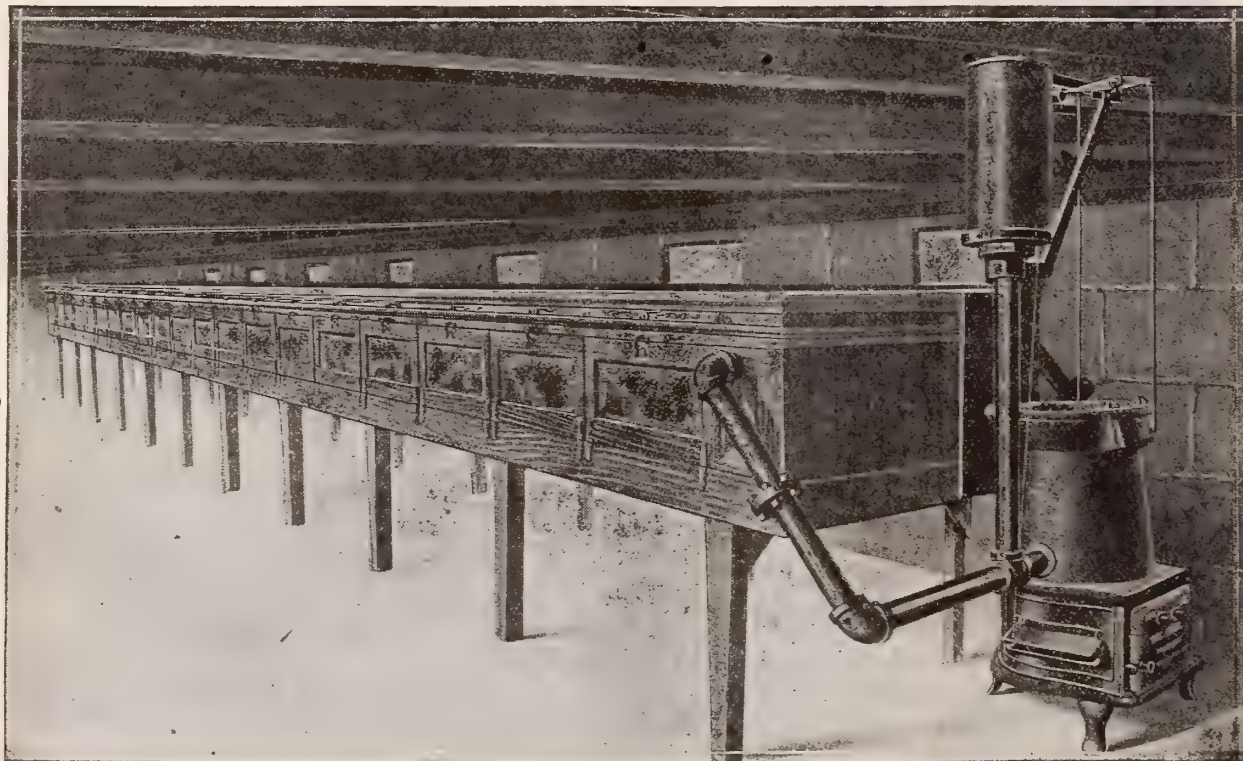
W. Jay Curtiss

THE HALL MAMMOTH INCUBATOR CO., Ransomville, N. Y., Oct. 25, '10
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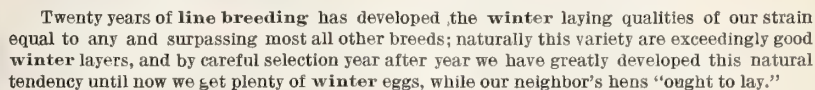
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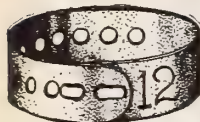
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No. 12

Wayne Wentworth—The Born Poultry Fancier

Written Expressly For American Poultry Journal by Frank C. Williams

With a loving kiss, Mr. Wentworth left his wife to arrange the flock of poultry, and then went to the store. He soon returned with a half-dozen small candles and a couple of yards of tinsel, and, like two children, they began work on the tree.

First they tied it securely to the back of a chair and placed it before the window. Then they looped the tinsel through the branches, secured the candles firmly and then placed the big rooster on the chair in front of the tree with his flock of hens around him. Then they stood back to admire their work. "We'll have the tree where Wayne will see it as soon as he opens the door," said his mother, with shining eyes. Mr. Wentworth wanted to light the candles to see the general effect, but his wife insisted that Wayne should be the first to light them.

So, after tying on the cookies and putting the finishing touches to the tree, they tidied the room and prepared to go to bed.

But first they went hand in hand to Wayne's little crib, where he lay fast asleep. Here they lingered in quiet joy, knowing full well how pleased Wayne would be on beholding his flock of pretty yellow "chickies" on Christmas morning.

CHAPTER 2.



CHRISTMAS morning dawned clear and cold. Mr. Wentworth looked across the room toward the crib which Wayne was fast outgrowing, and saw a pair of wide blue eyes looking at him.

"Aren't you going to get up and see what Santa Claus has brought you, Wayne?" he asked.

"Santa Claus can't bring me any chickies in the city, papa, and they're all I want," answered the child, his face clouding a little.

"But don't you want some nice candy and cakes, and a picture book; won't they do as well as chickies for a little while? Maybe, some day, we'll be situated so we can have a whole yard full of chickies—I hope so." Mr. Wentworth was smiling at the rueful expression of Wayne's wise little face as he bestrode the side of the crib.

He pinned a blanket around him to keep him from catching cold, and together they went into the cozy living room. Here they were glad to find a nice fire burning in the stove, Mrs. Wentworth having risen early to view the work of the previous night. The diminutive Christmas tree in all its splendor stood near the window, at the back of Mr. Wentworth's easy chair. The sun was shining through the frosted window panes, and the rooster and his flock of hens gleamed in painted grandeur. But even the diamond glint of the snow crystals on the window pane failed to outshine the light in Wayne's eyes when he beheld his poultry.

"Oh, papa!" he cried, "where did Santa find such pretty chickies? They look almost as if they are alive—and all one kind! Oh, if they could only walk around and eat! Wayne would give them half of his bread and milk every day."

He knelt among his treasures, disdaining the cakes and

candy, and fondled the wooden pets as lovingly as a girl might caress a new doll.

"Where am I going to keep them," he inquired. "They have no place to roost. They can sit under the Christmas tree for a little while, but when it dries up, like Cousin Hattie's did last Christmas, then my chickies won't have any place at all."

"Well, Wayne," replied his father, after breakfast we are going out, and we'll see if we can find some nice planed lumber somewhere. If we do, we can build a nice house for your pets. We can build it according to directions in the last American Poultry Journal and maybe, when we live where we can have real chickens, we'll build a larger house on the same plan. Mamma is very good to be willing to stand the noise and have the muss around. But we must try to be as quiet as possible, or the neighbors will be taking you and your chickies to jail.

"I don't want my chickies to go to jail," Wayne rejoined quickly with a serious expression on his face. But a moment later he was laughing gleefully at the idea of turning carpenter, and as soon as he had eaten his breakfast his mother dressed him warmly and he started out with his father to look for lumber with which to build the chicken house.

As it was Christmas Day, they found none of the carpenter shops open, though they walked around a long time looking for one. But, as luck would have it, Mr. Wentworth was slightly acquainted with a man who had a shop in the rear of his house; so they went there and Wayne's father explained the circumstances. The carpenter was very much amused by the zeal with which Wayne joined in the conversation regarding the chickens, and took his visitors into the shop, where they selected some light, smooth lumber. He very kindly loaned Mr. Wentworth a wheelbarrow and helped him to tie on the boards, refusing good-naturedly to accept anything in payment, beyond Wayne's pretty little speech of gratitude, saying he might call the favor a Christmas present.

They stopped at a small shop on their way and bought some nails and a light hammer. These Wayne carried under his arm with an air of great importance.

On reaching home, the child could hardly wait to take off his coat and muffler before starting in to work.

After he had stood long and silently in the old familiar attitude, with hands clasped behind him, watching his father undo the lumber and carry it into the house, his curiosity got the better of him and his tongue began to wag again.

"Papa, can we build a house for my chickies like the one we saw in that American Poultry Book you brought home?"

"What kind of a house do you mean, son?" inquired the father, anxious to draw the boy out and find what his ideas were.

"Oh, you know, papa—one with an open place outside for the chickies to scratch in."

"Oh! you mean an open front scratch shed, Wayne. Yes I guess we can manage it all right, but it will have to be very small. Your mother insists that we leave space enough in the room for her stove and table, you know." Here Mr. Wentworth gave his wife a good-natured wink.

"And I want it to have roosts for my chickies to go to sleep on, papa—I can put 'em on as if they was alive—And can't you make one of them feeder things like you was reading about? You showed me the pictures of 'em, papa."

"Yes, son; I'll try."

"And a nest box, too—and another box for them to dust in, like my real chickens had?"

"But, my dear child, wooden chickies won't get lice on them, because they haven't any feathers for them to breed in."

"Yes, but I'll have real, live ones some day, papa, and then I'll want a house just like you're going to build now—only bigger; so we can keep the little one to go by, the way mamma does when she makes my clothes."

Mrs. Wentworth joined in her husband's hearty laugh at the child's artless comparison, but his father promised to make it as Wayne wanted it.

Measurements were carefully taken, and Wayne was encouraged to help all he could. The miniature house was three feet in length, and one and a half feet wide. A partition was put in the middle, and the roosting room and the scratch shed were of the same size.

Everything was progressing smoothly, when Wayne almost

sonally supervised each detail of the work before he was satisfied to go to bed.

His father, too, was tired, but had taken great interest in the carpentering. He had planned the work and arranged everything, but Wayne had done all the hammering and a great deal of the sawing.

"That boy would make a good carpenter," Mr. Wentworth remarked to his wife, as they cleaned up the sawdust and litter that evening. "He seems to have a knack of putting the nails just where they belong, and when I showed him how to take measurements, he fell in with the idea in a manner that would put to shame many a lad of sixteen or eighteen."

"Yes, but there's no danger of Wayne doing anything but raising poultry," said Mrs. Wentworth, laughingly.

Not long afterward she asked: "Do you think, dear, you can see far enough ahead to have any thought of leaving the city?"

"I do look ahead to that end all the time, wife," replied Mr. Wentworth. "In fact, I have figured the possibility down to a fine point, and—barring sickness or accident—I think we may plan to go to the country in June or July. You know we have a little money coming on that note of your brother's in May, and if he is able to pay it, it will do wonders for us—with what we can save between now and then."

"Come, we must go to bed now, as tomorrow will be another work day, and your eyes look heavy." And he kissed his wife's brow, on which the anxious look of the last few months had changed to one of hopeful joy.

Wayne was up early the following morning. He had a great many finishing touches to put on his little chicken house, which was a gem in its way. He had been too tired in the night before to attend to the lighting of his Christmas tree, begging his father to keep right on with the carpenter work. Now, however, he examined the tree with new interest. When his father came home he found it lighted up and glistening with the reflected lights of the tinsel; while in the poultry house in the kitchen the beloved chickens were sitting on their perches, ready, as Wayne said, to go to sleep.

He would not allow the candles on his tree to be burned longer than a few minutes, as he said he wanted to light them every night "just a little tiny while," and make them last a long time. And he was as good as his word; for almost a fortnight the candles were lighted before he retired, and burned for about five minutes; when they were extinguished, and while still warm and smoking, were safely laid away for the next evening's entertainment. Finally, when the New Year was about a week old, they sputtered and flared for the last time, and Wayne said regretfully, "I guess that's the last of them, mamma, but they burned for a long time. I'm glad my chickies' lives don't go out like that; they're just as good as new." And he smiled delightedly at the thought.

One evening in early April Mr. Wentworth came in with a graver face than usual, and when supper was over told Wayne to go out and play on the walk in front of the house. The child put some of his chickens in a basket and calling the little girl who lived across the hall, they went out to play.

"Sit down, Mary," said Mr. Wentworth. "I have something to talk about that I didn't want our boy to hear. I don't want to excite any false hopes of our going to the country until I get your advice and go a little deeper into the matter with you."

"Well," said Mrs. Wentworth, I must say that when the country is mentioned I'm almost as interested as our child would be; so just unburden your mind at once and you shall certainly have the best advice I can give you."

"You have never failed me yet, Mary, and I'm depending on you now. To jump right into the subject; a friend of mine—or, at least, a fellow worker—wants to sell a small place situated about twenty-five miles out of the city. It contains about ten acres, with a very small house which, I imagine, does not amount to anything. But, he claims, there is a pretty good barn, and a couple of outhouses that have been used for pigs and chickens. It is for sale at a very low figure, and he is willing to sell for part cash, the remainder on time. Now, my idea is that we go out and look the place over next Sunday. If it looks promising and we decide to take it, we will move out there, and I will keep my position here in the city and run out there every Saturday night—"

"Now wait!"—as his wife opened her mouth to protest, "I know you are going to say you don't want to live there alone,—and neither would I want you to. I have other plans, which came to light today when I received this letter from my brother Ben. I will read it to you." And opening a letter, he read as follows:

"Dear Brother Jim,—

"I have not written to you for some time, but have not



"AND ALL ONE KIND."

burst into tears, saying, "Papa, there ain't any door or window. We've got to have a door and window!"

The window was promptly furnished, with a small piece of isinglass for a pane; and the little door was hung with pieces of leather cut from an old pair of Wayne's baby shoes that his mother had not thrown away. The leather made capital hinges, and Mr. Wentworth whittled out a miniature hasp which he used in fastening the door. Next, some old wire netting from a door frame was used to cover the front of the scratch shed, while a drinking fountain—somewhat ill proportioned to its surroundings—sprang from a corn can combined with a saucer.

"Now, if we were building a large outdoor house, Wayne, we would cover the roof with some good roofing paper. However, I guess this one will keep pretty dry in the kitchen. But we'll have to remember about that when we have live chickens—dampness is so fatal to poultry, you know."

When finally the house was completed it was long past Wayne's bedtime. But, sleepy as he was, he put his pets to roost first. Then he carefully closed the door, and took a long time to fasten the hasp, sighing and yawning as he worked. Looking up, he caught his parents' pleased expression, and clapping his hands he wept for very joy, leaning against his mother's breast. He went to bed that night with blisters on his hands and knees, and a smile on his lips.

The budding fancier had thus early taken, all unwittingly, an important step toward becoming a good poultryman—he had seen to it that his flock was well housed and had per-

forgotten you and yours. My health has been very poor; in fact, I have been obliged to resign my position with the railroad, and must rest for a few months. I have enough money saved to keep me nicely for a few years, and I thought I would visit my relatives for a while, and travel more as I grow stronger. I wish you were living in the country. My doctor tells me I ought to get out in the open air and "dig and delve" until Mother Earth does what his pills and pellets have failed to do: namely, stop my cough and put some color into me. However, if you can make a shakedown for me somewhere in your little home, I'll come about the first of May, and when after school closes your little son and I can spend our days in some of the city parks, which will be the best substitute I know of for the country. Give my love to Mary and Wayne. Take care of yourself, old man, until I see you.

Your affectionate brother,

"Ben."

As Mr. Wentworth finished reading the letter he glanced expectantly at his wife. She sat in silence for a few minutes, with downcast eyes, studying the hit-or-miss pattern of the rag carpet. Then she looked up with a bright glow of excitement burning in her cheeks:

"I see what you have in mind, Jim. You think Ben could live with Wayne and me on the place, and you will hold your position here in the city until we see how things are going to turn out. It's a fine idea, and though I shall miss you dreadfully, dear, through the week, I am in hopes we may like the place, more for Wayne's sake than our own, as I fancy the child is looking a little pale this spring."

"I have thought the same thing," replied Mr. Wentworth thoughtfully, "and I think I'll tell the owner of this property, Mr. Cooper, that we will look it over next Sunday. Even if the place does not suit us, the outing will do all of us good. Today is Friday and you can bake a few fixings tomorrow, so we can take a little snack with us to eat."

"Yes, and you had better write to Ben tonight and tell him to come. Whether we go away or not, we'll make him welcome wherever we have a home to shelter us. And now, Jim, let me tell you my news of today. It looks as though our near relations had been thinking of us, for I got a letter from my brother also, and he says he can pay back the five hundred dollars you loaned him four years ago, and adds that he will send us good interest, which he wants us to put in the bank for Wayne. He said you should have let him know when you were in such financial straits, and he would have sold some of his stock to raise the money. But as it is, I'm glad you didn't, for it wouldn't have helped us very much then, and now when it comes it will prove to be what Aunt Peggy calls 'a godsend.' See, here is Brother Will's letter.

"This is indeed a lucky day for us, Mary, and, as you remarked, the money is a small fortune just at this time. We will do as he says with whatever he sees fit to send us as interest, and Wayne can start a small chicken business when he is older. It doesn't seem possible, Mary, that our baby will be eight years old in a couple of weeks; how time does fly!

"Well, we had better sleep on the matter and see whether tomorrow's sunrise brings us any new ideas." With these words he stepped to the door in the twilight and called Wayne in from his play.

Morning found them even more pleased with the project, and when they told Wayne what they had in view, the child almost wept for pure joy.

"And can I have real, live chickies, papa?" he shouted—"and a house for them to live in—and take the whole care of them myself?"

"You certainly may, Wayne—if we take the place," said Mr. Wentworth, as he kissed him good-bye. "Now, don't build too many chicken coops in your fancy, little man, for we may not be able to live in the house after all. But we'll know tomorrow. Good-bye, my boy." And with a wave of his hand to Mrs. Wentworth he was off to his work.

(To be continued.)

The new Standard of Perfection will be used by judges after December 1. Don't try to get along without it.

A little money spent now in fixing up your houses and coops will prevent sickness in your flock later.

Put in your winter supply of feed now. It is cheaper and of better quality than it will be later.

Fowls should be fed at regular hours for best results.

POSSIBILITIES OF THE POULTRY INDUSTRY

Learn the Lessons Taught by Successful Poultryman—A Short Review of Two of This Country's Largest Plants

—Mr. Twining's Quarter of a Century's Pronounced Success—Mr. Watson's Record With a New Plant—They Get Good Money From Poultry—Some Opportunities for Others.

Written by H. P. Schwab, Eastern Representative A. P. J., Irondequoit, N. Y.

Part V.



OW little or half of the world knows how the other half lives, has been truly said years and years ago, but they do live, and succeed each in their own way. Desires and habits differ, but in the main contentment reigns and the pleasures derived from life are according to their conditions, worth living for. Much of this applies to our poultrymen; their conditions to a great extent are similar, but they little know how the rest live; they know of the Great Plants, but are doubtful. They can see the possibilities of poultry-breeding, and after their own fashion derive some profit from their poultry. But is



PAPE STRAIN

"NELLIE WAYNE."

S. C. Black Minorca Hen. Never defeated in the showroom. Bred and owned by Charles G. Pape, Ft. Wayne, Ind.

this profit the limit, and are they receiving their full due, are questions for consideration.

Thanks. The American people are not too easily satisfied, and but little contentment will be found unless they are assured that they are receiving not only the full amount of product and its full value. To these desires with their efforts are due that which is noticeable in all lines of trade and has made the general prosperity which we enjoy possible.

Poultry Abreast of the Times.

The poultryman, in method, no less than the manufacturer and merchant, is abreast of the times. Details have been mastered and today we find throughout the world poultry plants where many thousands of dollars are invested that are turning in a profit far in excess of that derived from most any other line. That there is money in poultry we trust even the most skeptical will believe, but how to get it is the one question that confronts some with doubts.

We have before stated in this same line of articles that location and home conditions should first be considered. Some locations will not pay the high prices of others. In these the producer must seek his markets. Still even those locations have their advantage in cheaper food, cheaper

land and help, and with much less money invested. To that when the balance is struck the advantage will be found small for any one particular section.

The pronounced success attained by so many in this line form a beautiful illustration of what has been, and can be, done. There is nothing freakish or unnatural about these, and there can be no possible doubt but that the same success awaits others. The continued annual increased demand for



A prize winning White Plymouth Rock. Bred and owned by J. H. Trobaugh, Delphi, Ind.

choice poultry and eggs over the supply forms a condition that confronts the poultrymen to solve. It is a well-known fact that the demand increases far more rapidly than the supply, and that this question is apt to always confront us, assuring at all times profit-paying prices.

One of the Oldest and Greatest Plants.

It was our pleasure last spring to visit several of the largest poultry plants in three states, and in the short time allowed us to study their mode and success we found no great secrets involved, it being simply a question of plenty of common sense with conditions understood and business methods involved. We inspected plants established for more than a quarter of a century to some just roofed in, and at all were assured of their success. All were running at full capacity and each unable to keep up with their orders. We may well call these chicken factories, for poultry, both alive and dressed are turned out in thousand lots and eggs by the ton. Now these are facts, and if any of our readers have doubts we would be only too willing to furnish them any proof called for.

That the managers and help at these plants are skillful, goes without saying. The man that can feed and care for poultry and produce 95 per cent fertility of all eggs, as well as the man that can hatch 90 per cent of all fertile eggs are experts. Time alone, with a strict care to business, make them so, and when we note their work we do not doubt these record hatches.

It is our intention at this time, and probably in a later issue also, to refer to several of the large plants, as an object lesson, where the poultry business is carried on a scale and to an extent far above our fondest expectations. It truly is impressive to enter a plant that has successfully existed for over 25 years. Where poultry has been the one question, its detail mastered and where extensive as time has made it, we find further improvement and enlargement each year, with the end not in sight. We refer to Afton Farms, S. B. & E. W. Twining, owners, Yardley, Pa.

At this as well as at all other large plants, only the Standard breeds are kept. Their extra value for all purposes has long been conceded; besides, it adds the fancy side of the question to that of market poultry and opens the way to this large field with extra prices. While Afton Farm has made its real success with market poultry and each year has marketed close to the hundreds of thousands, their sale of choice breeders with a known laying quality has added to their popularity a new branch that is receiving popular favor. Twenty-five men are employed the year around. Every day is its season, with styles and fashions always the same. Their only care is quality, the best of which costs no more to produce than an inferior article.

We were immensely pleased with our inspection here and could not help but note the evident satisfaction of the owner and the prosperity seen at all sides. Experience has been a good teacher, as it always is, where its lessons are

noted. This being one of the first large plants inaugurated, much depended on close experiments and noting all conditions. Mr. Twining did not have the experience of others to profit by, as the breeders of today have. His work has made history and has opened the doors to success for others. As poultrymen we all owe much to Mr. Twining. While at this time we simply cite this plant as an illustration of what has been done with its stability and progress. Others can do the same, right now, and under far more favorable circumstances than those accorded Mr. Twining.

Mr. Watson's Five Years' Work.

At this time we also have in mind a great plant started but five years ago in a modest way and under very modest circumstances, referring to the Newtown Producing Company, Newtown, Pa., Mr. H. L. Watson, manager. In just five years' time from nothing beyond determination to a business of close to \$40,000 for last year, practically in any other line under same conditions, we could fill pages and still fail to do Mr. Watson full credit for his work.

Here again we can well say it is impressive to visit and to note the thoroughness in every department that has brought the quality and their success as well. While we consider Mr. Twining a born fancier, his father having started their business and he growing up in it, Mr. Watson is a made fancier, still a young man, full of ambition, and when looking over the possibilities for life's business entered the poultryman's ranks. With the above figures before us, can we well ask has he regretted it? But we will ask, what other line of business would offer such opportunities, or where would it be possible to seek more healthful and desirable work? With poultry the competition is nothing more than a stimulant, to create more and larger plants, to tax every resource in an endeavor to supply the demand. We shall never live to see real price competition with either poultry or its product—eggs.

The very same conditions that have confronted us for years prevail today, and the same possibilities, with increased facilities are before us right now, and when we advise you, "reader," to grasp them, we do so freely and with a heart's desire to better and improve your conditions and value to your fellow-man.

We have in mind other plants and other men that have worked along similar lines, with similar results, and to



R. C. Caldwell, "The Baby Chick Man," Lyndon, Ohio.

further illustrate the chance the beginner has for success will refer to them later. We want to show our readers what others have done, and are doing, and to further impress upon them just what can be expected should they make the attempt. Mr. Watson's and Mr. Twining's success is not unnatural. No, not even any exception to the rule. They have succeeded because they have tried.

WHO'S WHO IN HENDOM

The first heat of writing the matter for this issue finds me pretty sore. Today is election day in my state. County officials have bored me to the death with their bum talk and bumper cigars. One of the latter exploded just as I was getting it going good and I've vowed a vow that I would send the foolkiller to look over his family tree, or such branches of it that may be alive at the time of said foolkiller's call.

Now I remember one time when a certain man was running for an A. P. A. office. He was about at the meeting of the body; it was during the dark ages when we met and elected most anybody to any office, passing about bad cigars. I chanced to receive one of those Cabbago La Ropas, and shiver my toplights; if I didn't have the sensation of smoking a combination of alfalfa, hair and oakum! The donor of that cigar stood right there forcing me to smoke it. He didn't have the manhood to get away out of sight so I could pitch the thing through the window.

Personally I do not mind an election cigar if it is a good one. But I shall never vote for the officer or candidate for office who gives me one and then makes me smoke it. I might say in passing that the A. P. A. candidate aforementioned did not get elected to office. After the meeting proper was over we electors who were cigared by him met and formed the Society for the Prevention of Forced Smoking of A. P. A. Candidates' Cigars.

If I had been getting it in the neck like this last month when I wrote the tirade against the Runners For Office, they would have been dead and buried now. I would have seen to it myself and considered the time well spent. But even if I feel pretty mean I shall be as easy as I can with the judges who show up for treatment this issue.

There is Billy Russell, prince of roosterinos, chicken judge extraordinary and critic of the hens rather special. He should never be used roughly. It would soil those new patent leathers, disarray that new tailor's model and smear his standup-laydown collar. Billy is one of those examples of the Creator's art that goes to show what a fellow can make of himself if he sticks to one thing all the time and learns it well and does it well. Billy is a fellow that makes ballast. He knows chickens. Every one likes him and they all call him by the handle of his name, though his wife prefers to speak of him as Will. He is very decisive in what he does and never but once made a mistake that I know of, and I know him well. If your bird is not placed in the line when he judges your classes and you remonstrate with him he does not make a roar that sounds like Fred De Vore on the outside of a limburger or camembert; no, sir! He just goes to the coop where the apple of your heart is caged and pulls out the mut and shows you that you are not half so well acquainted with the bird and the standard as you advertise that you are.

There is some sense to that.

Years ago, Billy broke into the chicken business by beginning to clean out his mother's henhouse on damp, nasty mornings. He liked the work. He still loves it, for he does most all his work about his little ranch. After a while, the folks all around learned that he was a chicken feller and they called on him to judge a local fair, which was about twenty years ago. The next year he judged a few more and is still at it and will be good for a great lifetime of work yet. Most of the fall is spent in handling the big state fairs. Then when winter's chill blasts rack the rheumatiz in your joints he starts out on the smaller shows and handles two of them most of the weeks of the winter. He is in great demand. He prefers to get among the real breeders of fowls rather than fanciers.

Bigger shows have no terrors for this dauntless little henman. He knows just what it takes to make up a chicken in most any old thing of a pure bred bird, American, Asiatic, English or Continental. It was born right in him. He cannot



L S

help it. Bred in the bone describes it rightly. When one fancier mentions Russell, others do not take off their hats and stand with bowed heads, but rather perk up their ears and say they know him and like him.

Yes, we all like Billy. His judgment cannot be questioned successfully or any other way. He is of the chickens, chicken; and of the duster, a king. If he had taken to novel writing and applied himself as industriously to it as he has to the chickens he would be an author of one of the best sellers. Diligence rewarded should be your thought when you hear of or see him. He has been financially well treated among the fanciers and as a breeder, and we can truly point to him

with pride and say with a great degree of fervor in our trembling voices, "Long may he wave!"

And now let us go over to North Topeka, Kan., where that old timer, Charlie Rhodes, allows his mail to go. Once, years ago, when I was a kid in knee breeches, Charlie Rhodes judged a show at Sedgwick. There were six hundred birds facing the judge. I had a coop of Cornish Games there as well as a lot of Pit Games. I was about as rich as a smaller brother who paraded the show with his red topped boots, so I could not afford a printed card. But not to be outdone by the friends of mine who had cards, I took some of theirs and wrote my name and address on them and mentioned that I was a breeder of said varieties. My schoolmates geyed the life about out of me. But I stood it and braved the judge.

I have the score cards yet which C. H. Rhodes signed; and Charlie laid his hand upon my curly head and said that some day I would make a fancier. He was right or nearly so, though the wife would modify this statement. I stood at one side and watched him score the birds, drawing on all the reverence that I could summon. Today in shows all over the land there are other small boys who stand gazing just like I did at that time and in a few years they will be advertisers and breeders of repute. So is the fancy extended. The boys who catch the fever are the ones who make the stayers.

Though Mr. Rhodes is a member of the old guard in the central West he is not a back number in any way. He is right to the front in all the matters that pertain to better birds of all the breeds. One year that I forget the exact number of since the high water at Topeka, Charlie judged more winter shows than any other judge in the United States. He does his work well. I never, in twenty years of having known him and heard of him, remember a word that might have been said of his unimpeachable character. He has stood higher than a great many and yet is a man of the rank and file.

When he watched his famous Black Cochins float away during the flood at Topeka there were tears in his eyes as large as biscuits. I think this flood carried off every male bird he had. That was enough to wring grief from the eyes of a brass idol. And about as far as Black Cochins are concerned it got Charlie's goat. He says he has not been able to get a strain of blood to take up the work again.

Charlie is a dignified man and his humor is of the subtle sort at times. He does like a good story, though, and tells one in inimitable manner himself. When you next meet him ask him for the celebrated self-defense story about the man who was very fond of codfish.

And now, good people, we come to the subject of self-made men.

The woodbine twineth near the glen of mortality and the whangdoodle mourneth for its first-born in the shadow of the trees of life, but we seldom see judges like Drevenstedt. Ah, Mandy, 'tis a bad omen. Drev has been judging for years and years and it makes me grow gray to think of the time when he began in the long, long ago.

Drev has been chickening all his life. I do not know his age, but he probably struts down the sunny side of sixty. At any rate, he is old enough to have judged the first show in America that could really and truly call itself a show. Drev has judged in Maine, then skated over into the next state south and kept going on down till he reached the southern shows with their cracking good southern birds. Everybody knows Drev or has read him. Right now he is being read a great deal. He is putting more time and thought into the game of judging and fancying right now than he ever did before, and this means a lot.

They say he is as much at home among the varieties as he is among the story tellers. They say he is a regular hen wiseheimer. They also say a lot of other things complimentary to him, but what's the use of quoting when he is practically a next door neighbor and a friend in the stress of poultry troubles? There is not a big show in the land that Drev has not been in the duster in its aisles. Now that is what I call class. He has the grandstanding habit and cannot get over it. He will be judging when the fancy has seen his head grow white with eighty or more winters. He will be judging when we each and all attain the goal of our ambitions in producing a New York winner.

In fact, we cannot get along without him. He is a landmark of the country when it comes to hen things and is one

who followed in his path. It's chicken, pure bred chicken, ribbons, cups and medals, articles about the fancy and breeders in general, that take up his time. Oh! what a great life! Nothing to do but chicken around here and there seeking the good things of the game and letting the rest go to pot. But let us let him rest in peace. He has earned it and deserves it. Therefore give unto him that which is his.

And bless my soul! If here doesn't come Tom Southard. I don't care if Curtis has or has not written Tom up for the Rogues' Gallery of Henmen; he is my meat. Tom dates back to the time when Kansas City fanciers held what they called a Mid-Continental. It was the ambition of my life to visit that show, as I was quite a pup. Tom was there—so I envy him. He has been there ever since. He is a mid-westerner. He knows a lot of folks and a lot more know about him. Iowa, Missouri, Kansas, Colorado, Nebraska and half a dozen other states know where and when Tom has adjudicated for them and done his work well.

When the Rhode Island Red boom hit the West, Tom was on the spot. He had been breeding a few selected birds and does yet. He calls them the Heap Fat Squaw strain, or something like that. He names his males Chief Ukmugukluc and Sitting Steer, Rain-in-the-eyes and Butcher Boy. For his pullets and hens he uses Laying Heifer, Running Cow,



Light Brahmas, Prize winners at the best shows. Hen showing perfect wing coloring, such as is also found in the general run of stock bred by River Home Poultry Yards, Box B, Perrysburg, Ohio.

of those who rocked the cradle of the eastern fancy. He is the best material for a roasting editorial, as he takes it like a man. He never gets mad. He never says all he would like to, and they also say that he is very diplomatic. I guess this is where he gets his laurel wreath. Laurel is something we do not have too much of in the chicken fancy, and to have seen it is enough, but to possess it is far greater.

Drev and Tom McGrew know more about bantams than all the others put together, I was about to say. But I might say it and then modify it to read at one time they knew all this. It was not so long ago either. But the bantam fancy has grown a lot recently and it would be bigotry to acclaim too much for one or both.

To hold a New York show without Drev would be like holding a glass of champagne, pronounced sham-pag-ny, for someone else to drink. Drev is always there. He could not be kept away. It would be like running the Chicago show without The Hewes. You simply couldn't do it. It would be out of the scheme of perfectly natural things. Those of us who think that it would be the greatest thing in the world to travel about to the big shows with Drev and soak up some of the coin that goes begging for his services, to say nothing about getting all the fun out of the game of pure bred poultry breeding without the attendant dirty work, his story of how some day he is going to settle down on a little Virginia farm and pick cucumbers, does not appeal. Drev is another of those fellows who have given about all their time to the chicken game. It has paid him as it would any one

Little Eyes, Eyes-of-the-sky and Soubrette. These names Tom finds to bring business and make a stir. They certainly tickle the ears. One of his pullets, Little Squaw I think her name was, he showed at Chicago a couple of years ago and got a place in the line. He might have gone higher up with her, but he had her looking so really Indian in her make-up that the judge was not unafraid to get close to her.

Tom is a great jollier. He jollied that great layout of birds to the first American Royal Poultry Show. He went right out where the birds and their owners at the fairs were promenading and made the fellows sign up quick. There is a lot of skill demanded in this. It takes more skill to get up a big show than it does to judge them after they are on hands.

What Tom undertakes he does well. That is why he is making good from year to year as a judge. He does not aspire to judge the M. S. G. show all by his lonely, but strives to do well the smaller shows that are entrusted to him. Western fanciers are glad of this, as they want him to stay out here and know that if ever he made a great big hit at some of the big events he would be taken from amongst them. When Tom was a youngster he was so awkward, so his folks say, that he got his feet tangled up in his sleep, to say nothing about it when awake. This redounds to his credit. He is careful how he walks even now. He wants to be on the safe and sane side. He is big and husky and yet never shakes a ham-sized fist under the nose of an opponent. This is well indeed for me.

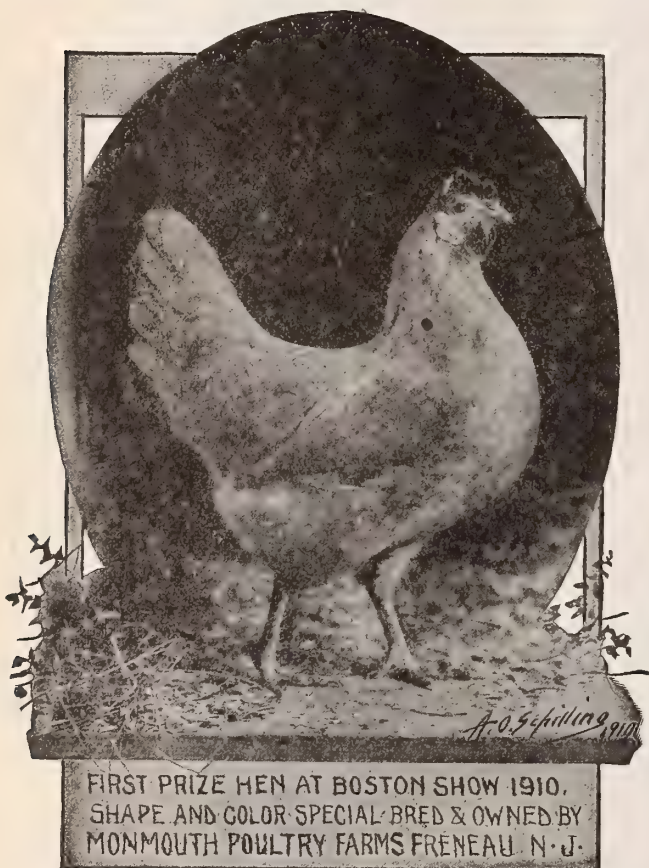


FIRST PRIZE PEN
WHITE WYANDOTTES
SEPT. NASHVILLE, TENN. 1910
GEO. H. RUDY, MATTOON, ILL.

But we all like Tom. He takes his medicine like a little man and never tries to swell up to a hundred and twenty-inch wheel base. You do not have to hold him with a half Nelson after he has judged the birds of a show. He stays there with his explanation and enlightens the amateur and novice and thus makes for the uplifting of the fancy.

Henry Schwab is another judge who arrived on the night train, so the family Bible records, and is with us yet. I have to be pretty careful how I tackle Henry, as he is working occasionally at writing some things for these columns and can stab me if he wants to. He will not stab me in the back, I am sure. If he does stick me, he will come right out into the open and give me a chance to run or stand my ground. Henry's tongue is sharp. It is keener than sharp, and folks say he writes just as well, so I am careful.

If there is a man in the duster game who looks better when inside it than Henry, I would like to know where to find him. He is no swivel-faced and ordinary looking chicken man. He is there with the goods. His one look carries the authority with it. And then he is a regular chicken shark, telling at a single glance whether a bird has enough merit to soil his hands or not. Just shut up the aisles and turn Henry loose inside



and he will do the rest. He doesn't need to know who they belong to either, for that is not his way. Onlookers who do not even know a breeder, or who don't know that such a thing as a fancier is in the room, will say, "That fellow knows his business." It is a way Henry has that makes the birds shuffle their feet and walk to the front of the coops to be handled.

Now the long suit of this man is Barred Rocks. But recently the Columbian Rock fanciers have appointed him special judge of this variety, though we do not know whether he has a pen or two of these hid off back of the house or not. He is well posted on all the gems of the Standard. During the winter he is employed in the East all season at judging. It is a line of work that he takes to naturally as he does to eating, and Henry is a good feeder. He doesn't care if all the big guns have their batteries on him when he is handling the Rocks at New York. They cannot feaze him. He knows Rocks like he knows the way about his hen houses, and that is an end of it.

The East is full of Smiths, but they all claim to have arrived through their ancestors on the Sunflower, Mayflower or the Passion Flower. But of all the Smiths, there is none better known in the fancy than Arthur, dean of the Rockists who go down to the Garden in autos. Arthur Smith has been so

long identified with William Ellery Bright and his Barred Rocks and Brown Leghorns, that we cannot recall the union of these two names in the chicken prints. Two hearts that beat as one, and two souls with but a single thought, was coined by Shakespeare when he had them in mind.

They plan together, they strive together for the same goal, they carry home the trophies together and seldom are separated in idea. At least this is the way their actions talk, and you know that actions speak pretty loud. Arthur gets away from home now and then. He calls home the East. He has to be there pretty steady to keep things down, as the East tips right up when he is away. Not long since he came out to Chicago with a line of Rocks that were termed killers by those who saw them and went up against them. Now Arthur's one idea is that in showing he will go up against anything once. They cannot totally push him off the map. If he gives in any with that Bright banner the map tears.

So this year, to get in touch with the more needy brother, the western Rock fancier, Arthur has consented to come out to Topeka and judge the show that will be held by the American Plymouth Rock Club, or such part of it as wends its way out there. Arthur is a nice fellow, who does not intrude his presence on one. He does say his say at the A. P. A. meetings when he gets a chance and feels the fight blood jumping up into his neck. This is a fine trait. It is one that comes of the Puritan blood.

Brown Leghorns are a hobby with Arthur. He eats their eggs for breakfast and dotes on them for supper. But for Sunday dinner give him a Rock by all means, fair or foul! He says that if the real old-fashioned Irish mumps so enfeeble a Brown Leghorn that she is not fit for laying, she certainly is not real good for the table. He has a host of likes and dislikes, like the likes of which we never saw before. Here are a few of them:

A cold compress on the head of a dissatisfied exhibitor makes him retract a lot of what he says about a judge.

Never try to remove a case of bumble-foot that has settled in the region of a bird's eye. Use an ax, as it is much more humane.

Never try to remove a wart, sometimes called a side sprig, off a bird's comb with a jack-knife. Try something else.

A water-cooled nest box is a great thing when you are breeding our strain of Brown Leghorns. Use asbestos for nest box filling.

It is foolish to try to reset a lopped comb with a safety-pin. Get a meat ax and amputate the foot just behind the duodenum.

THE AMERICAN DOMINIQUE



WISH to treat briefly the "oldest American breed of poultry," as the one "best utility breed"—from the farmer's standpoint—which exists today; and this, not because I am a fancier and would advertise my wares; but because in the past seven years I have tried faithfully—not by tens, but by hundreds—the three most popular American breeds, viz., Rocks, Wyandottes, and Rhode Island Reds; and witnessed in other hands the Buckeyes and Javas; and am convinced by this experience on a large utility poultry farm that, side by side, with the same care, we have today no other breed that can surpass as a utility fowl this our one old foundation breed. She is in reality, of all American varieties, the one truly middle weight hen. It is a well-known fact that a Hamburg or Leghorn, of 2½ pounds weight, can produce a full market sized egg, as large as many Brahmas—in which the Standard demands 8½ pounds—will produce. For the farmer the one of these is too small, too flighty, and has little value when through laying; the other is too large, too lazy, and too expensive a feeder for the work she does. Just half way between these extremes, the lightest of all the American breeds, yet heavy enough to produce poultry of the finest and plumpest quality, and with the long, spreading tail and wings which bespeak an activity known in no other, stands this grand farmer's ideal. In nearly all, if not every part of this land, it is a common custom for farmers to cross breed their fowls. In spite of the fancier's constant assurances that this is unwise, hundreds of knowing, think business men follow this method year after year. I know today of one of our best Buff Wyandotte fanciers who habitually crosses a Leghorn cock on to his utility pens, "because," he says, "I can get so many more eggs with less trouble."

In this state there are hundreds of breeders who follow this method for the same reason, and beyond a doubt there is reason in it. In our anxiety to compete in body with the larger varieties, we have placed the Standard so heavy that on the farm, or in open range, the average feeder must breed

his birds clean away from Standard weights, and shapes, to get best results. This is a tendency which is true of all our American breeds.

We are not here to take up the "cudgel" with any true poultryman, who declares what he can do with his favorite breed in egg production, no matter how heavy they are; we are even ready to grant that some men can make some Standard weight Brahmas lay as well as the best Leghorns ever lay. Unfortunately, or fortunately, the majority of poultry keepers are not professional poultrymen. And they have no time to study Standards or Standard weights. A flock of Barred Rocks near our home has been kept intact for many years, and occasionally replenished with cocks of new blood. They have free range, good housing, and good housewife's care. Today this flock will average fully two pounds under Standard weight and are as good a utility flock as one often sees. We have seen the same results with Wyandottes and R. I. Reds. The average practical farmer's hen on free range and best producing conditions will not go over 5 to 5½ lbs. in weight and very often she will drop to 4 lbs. without in any way diminishing her plumpness or the excellence in quality of her meat.

Such a hen is the old American Dominique in her normal condition. Nothing more detrimental to her well-being was ever attempted than when the Standard tried to raise her weight to that of the other American breeds. Fortunately few breeders responded to the call and so she has been kept



First Pullet Missouri State Show, December, 1909. Owned by Maple Dell Poultry Farm, F. Gage Cutler, Prop., R. F. D. 13, Carthage, Ill.

pure and practical in size. One of her worst enemies has been the poultry "judge" who had not learned, or could not distinguish between a cock with long curved sickles and a hen with full spread rudder tail and the short, stubby type found in the Rocks; and so placed awards, regardless of shape, on color alone.

The American Dominique, to be true to herself, must have the pert form, plump, partridge-like breast, and agility, which are in themselves a guarantee of all a farmer asks. At seasons when eggs were becoming scarce we have never seen her equal in production; and as an all-around farmer's fowl we know of no other pure breed that so nearly proves itself to us as "just all we could ask it to be."

When the fanciers of America awaken to the possibilities that lie in this breed, which no other can infringe upon without being untrue to its type—the cock's long, barred sickles sometimes reaching two feet in length; the boastful, proud carriage, the fiery red eyes of the warrior; the yellow legs and skin, and plump, meaty breast, which would grace either the show room or the market window; and the hen's large rudder tail, putting her entirely out of class with any other American breed; these with color problems unsurpassed, we shall find them where they have already started with a rapid stride, viz., at the front.

W. H. Davenport, Colrain, Mass.

MATING FOR EARLY CHICKEN PRODUCTION

Chickens Produced Out of Season Seldom Attain Perfection—In Mating Sound Judgment Must Be Used—Feeding and Housing

Written for American Poultry Journal by Joseph Shakespeare, England.



THOSE who intend competing at the early shows of 1911 should begin to put their intention into practice by getting breeding pens together. Cockerels and pullets are the main features at the early events, and if birds are to be got as near as possible to Standard weight, not only must they be hatched out as early as possible in the year, but they must be looked after for all they are worth. Chickens produced out of season seldom attain to the perfection reached by those birds which are hatched out when nature distributes to bird life her store of insect and vegetable foods. Not only do the birds that are January hatched fail to produce high quality plumage, but they lack the fine finish of the show specimens produced in March and April. Still, if early ribbons are to be captured, one must produce early birds, and endeavor to get as much size into them as possible, as size often makes up for lack of quality in the eyes of those who place the awards at early shows.

In the mating-up of the breeding stock sound judgment must be exercised if the best results are to be achieved in the way of strongly fertilized eggs, and youngsters are calculated to steer clear of the ailments likely to attack chickens during a season of climatic changes. In the first place, no birds must be mated-up for breeding till they are thoroughly well through the moult. They should have passed through the moulting process naturally, and not subjected to any artificial means with the object of forcing them through the moult. The ideal hens for the production of early chickens are the birds that have been helped through the moult by good sound constitutions coupled with rational feeding on such foods as produce feathers and repair such losses as are caused to the bird's physical organs during the production of new plumage. The hen that lays through the moult cannot produce both eggs and feather to perfection, and when the plumage is not perfectly formed it is a sign that there is some physical defect in the bird, such defect being traceable to the production of eggs during the month. The birds with the strongest constitutions will be those which get quickest through the moult, and such birds are the ones to select when mating up the breeding pens. I have only referred to hens, not pullets, as experience has taught me that if strong, livable chickens are to be got, the two-year-old hens must be looked to for their production. Given two-year-old hens that have passed kindly through the moult and got into laying again by November, one can, if a proper mating is made, insure stronger progeny than if pullets were mated-up.

In mating-up stock for the production of exhibition birds, one stands a better chance of getting good specimens from hens than from pullets, as one has, or should have, an idea of the true value of the females: So many pullets change into undesirable adults. They win all that they are capable of winning in their earlier life, and fall short of Standard requirements when fully matured. The true value of an exhibition fowl lies in its ability to score high at two, three, four, or even more, years of age. Early-raised birds must be regarded as a special class of stock, especially produced for a special purpose, namely, for putting down at the early shows, and should not be—and especially in the case of pullets—chosen for the breeding of early chickens. When young birds have gone the rounds of the early shows they need rest, and not physical work in the breeding pen. The results of the mating together of overshadowed young stock are many. The birds themselves are constitutionally ruined; their eggs, being small, produce birds that, in their turn, will produce small eggs; the egg germs will lack sufficient vitality to account for strong, rearable progeny, and the majority of the youngsters will reach early graves instead of early shows.

Having chosen the right kind of hens, the next thing necessary will be the choosing of suitable males, and before dealing with the breeding qualities of the good stock male, I may say for the benefit of the novice, that in mating-up the breeding pen the faults of the one sex should be compensated for by the virtues of the other. The one sex may be too dull in color, the other should possess brilliancy of plumage, and so on with all the points of the breed mated-up. It is impossible in the space at command to deal fully with the mating up of fowls for the production of exhibition

specimens, as there are so many breeds possessing dissimilarity of character. The novice should thoroughly study and commit to memory the exhibition standards fixed for the sexes of the breed he keeps, and in mating-up should, as pointed out above, as far as possible have any faults in one sex outbalanced by good qualities in the other. The male bird to head the breeding pen should, for preference, be a



TEDDY I

Bred and owned by Truckenbrod Bros., Mendota, Illinois

well-developed and active cockerel that has never seen a hen before entering for the "matrimonial stakes." He should be handled to ascertain that his condition is hard, his comb free from any signs of inward disease, his eye full and bright, and his plumage close-fitting. His crow should be loud, clear and frequent, and his gait that of the warrior. Such a male is calculated to sire strong, rearable chickens, and chickens calculated to render a good account of themselves when judged for Standard weight.

If the hens are not yet in their winter breeding quarters and are laying, some difficulty may be experienced in shifting them without checking egg production. The best thing to do will be to take the birds off the perches at night and to quietly relegate them to their new homes. This will prevent much excitement on the part of the hens. Hens that are not laying and in the breeding pen should be shifted without delay, and should be mated-up, as the presence of the male will hasten the egg-producing organs into activity. Too many hens should not run with the male at this season of the year, remembering that the birds will be deprived of those natural conditions which prevail and account for egg fertility when insect and vegetable life are abundant. Of the heavier breeds, four or five females will be ample to run with the male, while of the lighter breeds, six or seven will be ample.

Fowls to lay and breed well during the winter months must be fed on a generous diet, one rich in albuminoids, fats and mineral salts. Such things as ground oats, biscuit meal, pea meal and bean meal should form the basis of the breakfast mash. These should be changed about, as a daily change of food is conducive to health and egg production. In adding bulk to the mashes, steamed clover, roots and other vegetables should be used, and the feed should be worked into a crumbly state by the addition of coarse flour, or sharps, as they are often called. Meals made from barley and maize should be omitted from the mash, as in such form they are liable to cause an excess of internal fat. The mashes, if possible, should be mixed with skim milk, and the importance of animal food in some form must not be overlooked. At such times as the birds are deprived of natural green food through inclement weather, green food in variety must be provided, and exercise must be induced by scattering fine grain among litter under the day shelters, but should the weather allow of the birds being at liberty, they should run in the open as much as possible, as no exercise artificially created can excel that to be found on a free range, when strongly fertilized eggs are the object in view. As supper feeds, oats, wheat and maize may be used in rotation, but should a spell of mild weather set in the latter grain may,

with advantage, be excluded from the bill of fare. The birds should be a little under rather than overfed, so that activity may be created. Inactivity at any time is fatal to the well being of breeding stock, but especially so during the winter months. Water vessels should be kept out of the reach of the snow, or the fowls will eat the latter and do themselves harm. Crushed oyster shell, old mortar, sharp grit and charcoal should be kept within reach of the birds, and a dust bath should be provided for them. Too many deprive their fowls of a dust bath during the winter, being probably under the impression that lice hibernate in cold weather. Lice don't go on strike at any time, but, if allowed to flourish, put the hens on a strike from which they do not easily return to business.

The sleeping quarters, while being rendered proof against winter storms, should be kept on the airy side of ventilation. If the breeding stock is physically strong enough to mate-up for the production of early chickens, the birds should stand a fair amount of cold, if the air is dry. What should be avoided in the houses are damp and draughts. The air, however cold, will not harm the birds if the feeding is right, and they are induced to exercise as much as possible whenever inclement weather deprives them of liberty in the open runs. Breeding stock possessing sound constitutions, activity among the birds, sensible feeding and good shelter are the factors that account for the production of early chickens calculated to reach maturity.

GROWING LAYING STOCK



THE main product of commercial poultry keeping is eggs. Also the very nicest to handle, as the labor of packing is rather light work—more desirable than dressing stock. Therefore the main object in raising poultry is to get stock for egg production. To have a paying quantity a little managing is a great help. Pullets are by far the best for many eggs, and hens are best for eggs to raise young for this reason: The hen lays a larger egg and the larger egg produces a larger, stronger chick. This applies especially to all the smaller breeds, from Minorcas down to Bantams. Because hens are the best for breeders, many think cocks better than cockerels. This is a wrong conclusion, for I found years ago that it made no difference



TEDDY II

Bred and owned by Truckenbrod Bros., Mendota, Illinois

in age, only if anything the cockerel is by some odds the best, for he is not run down by overwork or other ills that may come with modern poultry keeping. I see it claimed that cockerels breed many more pullets than cocks. If this is so, it is another great point for Leghorn breeders, for but few cockerels are wanted in raising egg farm stock.

I have been watching the different small and large farmers around me grow their poultry stock, and I think a few very valuable lessons can be learned from what I saw.

First, my one flock of Brown Leghorns were hatched April 10. They were put with hen on an old sod-fed commercial chick feed. Then cracked corn and wheat, later all the corn they could eat. Very little feed on their run. Pullets began



TEDDY III

Bred and owned by Truckenbrod Bros., Mendota, Illinois

laying at six months old, or a little younger. Had meat been added and a little stimulant in the form of poultry powder I could have hurried the eggs, but they are wanted for stock, and I let them grow naturally.

I had three yards of Single-Comb Brown Leghorns from which a man having a small lot hatched and put in a brooder fifty chicks. At about the same time one of our very best farmers bought sixty eggs, hatching forty-five. These were put with hens with about 150 other chicks. Fed well until started, then fed what they thought well since then. They are now six months old and pullets not laying and cockerels mostly three pounds in weight. Now hear about the fifty out of the same yards. They were set by the side of a wheat field and after four weeks old or six weeks had the run of the field. The pullets are laying and the cockerels run from four to five pounds each.

Another man hatched three settings of Single-Comb White Leghorns. They were put in the wheat field by themselves in May—hatched in the first weeks of May—and the cockerels run from four to five pounds when five months old. These were not fed at all after they were five weeks old. I know another farmer, who is a splendid farmer and prosperous, whose Leghorns grow too slow. They never get their full growth and never make the best layers. Too little feed. Then another loss is the cockerels are marketed from six weeks to two months later than they should be, costing more because of slow growth and going to market when prices are lower.

The perfect food, as you can gather, is soft grain, grain that has fallen on the ground and swelled, and the insects also are no small matter. I know of a flock of Rose-Comb Brown Leghorns raised by a man on a small lot next to a butcher. The butcher gave him the cleanings from his sausage-cutting machine. This rich lean meat made the stock grow fast and they soon came to laying and layed wonderfully. He is a professional man and took a fancy to another breed, and the pullets, or thirteen of them, were sold to a man who put them on a regular grain diet. Those pullets never laid well again. That was a lesson I was glad for, for I am sure it is wrong to raise stock on a very rich diet, for many will be sold when plain grain will be fed and fowl's system has accommodated itself to this rich food, and will likely never do well again and the breeder and breed will be blamed.

It is not so much what we feed to growing stock, only so they have plenty all the time. It is natural for chickens to have food in the crop at all times, and if they can get food at all times they will not overeat. I know it is a great mistake to underfeed young chickens, and much is lost by it. Feed well and market at the right age.

POULTRY HOUSE ESSENTIALS

Ventilation of the Utmost Importance—Light an Inexpensive Factor to Health—Perches Should Be Removable—Next Boxes and Nesting Material

Written for American Poultry Journal by Joseph Shakespeare, England



THE ultimate results attending the keeping of fowls depend to a very great extent upon the way the birds are housed. Did the writer have the choice between some of the structures he has seen and a tree for fowls to roost in, he would certainly choose the latter, for under such conditions the birds would be able to inhale pure air, be provided with light, and enabled to find a firm footing in such a position as would enable them to descend to the earth without injury to themselves. Old ideas die hard, and there are among poultry keepers many who imagine that anything in the way of four walls and a roof is good enough for the sheltering of fowls, but such an idea is as erroneous as the idea of ever getting good results from stock kept on tainted ground, or fed with unsound food.

Ventilation.

Without an adequate supply of pure air neither man nor beast can thrive. It is an inexpensive essential to the well being of fowls, yet how many poultry houses there are that are insufficiently ventilated. Many poultry keepers insist on having the ventilators fixed only above the roosts, and at the extreme height of the house, and this is right as far as it goes, but how can there be a proper interchange of air unless there is an indrawing of pure fresh atmosphere from below? When the fowls are at roost the air naturally becomes warmer and more buoyant, and rises to the top ventilators and escapes; but not unless there is an equal volume of air drawn in below to take its place. The warm, vitiated air, therefore, in spite of the top ventilators, hangs about the house, and being breathed over and over again by the fowls, it loses its vitalizing oxygen. Can one wonder why fowls sheltered under such conditions lose their health and activity? If the house is not an open-front one, see to bottom ventilation; or, better still, have the front removed entirely and convert the structure into an open-front one. If the house is unadaptable to the open-front principle, have a row of 2-inch holes formed along its front and back, and in such a position as to be well below the roosts. Cover the holes with lengths of boarding in such a manner as to slant downward and a little away from the holes to prevent keen cur-



TEDDY V

Bred and owned by Truckenbrod Bros., Mendota, Illinois

rents of air from playing directly upon the birds when at roost. But be it understood—and I write from practical experience—no mode of ventilating a poultry house can excel that adopted where the open-front structure is in use. I, like many more, used to coddle the birds during the winter months, and when the open-front house was introduced I was

guilty of being among the suspicious, and thoughts of empty egg baskets, and fowls with colds rankled in the mind till the thought struck me that our American cousins experienced more severe winters than we, and their birds laid as well or even better than ours, in face of the fact that all the protection they got in the coldest weather was a canvas blind. That was some years ago, and during which time I have used nothing but open-front houses. In the house whose front is provided with canvas covered sliding frames we not only get a free interchange of pure air during the night time, but during the daytime we can allow the full sunlight to stream into the structure and do its beneficial work in destroying the microbes of disease. The benefits to be derived from the stream of sunlight which is allowed to enter the poultry house cannot be overestimated, and such houses as are inaccessible to the microbe-destroying messenger of old Sol are faulty in construction. Whichever kind of house is used, let it be provided with an entrance for all the light possible.

Light.

What an inexpensive factor to health light is, and yet thousands of poultry keepers deprive their fowls of its benefits. Take two patients suffering with the same ailment, place one in an ill-lighted chamber, and the other in a well-lighted one and to the interior of which the sunshine can find free access. Medically treat both the same, and the one in the gloomy apartment will be fortunate if it does not succumb, while the other is likely to recover.

Light is a great factor in the maintenance of health. As pointed out above, sunlight destroys many germs of disease

than two feet high, and those for the heavier breeds, such as the Orpingtons, not more than eighteen inches high, while for the feather-legged tribe they should be so placed as to enable the birds to step onto them. It is a wise plan when ordering poultry houses from the makers of such to consider the class of birds they are to shelter, and to specify in the order the height the perches are to be placed. This will often obviate the trouble of having to rearrange the perch rests. Have no fixed perches in the houses, or anything else but what is getatable for lice extermination. Many lice travel to the birds during the night time and via the perches, and many devices are resorted to to check the enemy, but the best insect-proof perch I have yet invented consists of a 2x1½-inch batten cut to length as required for the perch. Along the upper surface of this is tacked a length of 1½-inch wide ordinary lamp wick, and on top of this is nailed a length of 2x½-inch lumber with ½-inch poles previously formed through it, and a foot apart along its center. The outer and upper edges of this strip of lumber are nicely rounded. When the perch is fixed in position the spout of an oil can filled with kerosene is applied to the holes in the upper strip, and by capillary attraction the fluid is carried along the whole length of the perch. One application of oil will last many months, after which the operation is repeated. This device is a certain check to the approach of insect pests, the latter fighting shy of the smell arising from the oil. Many exhibitors of poultry dislike the idea of the legs and plumage of their birds coming into contact with oil, and the dressing of perches with kerosene is not resorted to, but such fanciers need not be at a loss to check the invasion of lice by way of



May Cockerels in September. Quality White Wyandottes. Pangalow Farm, Indianapolis, Ind.

that otherwise might account for sickness and death. It dispels damp from the interior of the houses, and as damp is the forerunner of disease, avoid it in the structure at all costs. Let the light stream in. Don't be afraid of the temperature of the roosting places going down through having them fitted with large adjustable windows or blinds. Cold never yet killed a fowl sheltered in a dry, well-lighted structure. It is damp, draught and darkness that play havoc with the birds. Fowls roosting in trees during the coldest weather seldom fail to maintain health and vigor—which, indeed, may be said of all the birds living in an undomesticated sphere, and such fowls are generally the last to contract roup or tuberculosis.

Perches.

There is more virtue in the well-shaped and properly-fitted perch than is generally imagined. Perches are often far too narrow or too broad, or placed too high for the class of fowls they are intended to roost. Many are in use with upper edges as sharp as the saw left them at the mill. The fowls have no choice but to roost upon them, or they would certainly choose those with nicely-rounded edges, even as anyone who had the choice between a piece of rock and a feather pillow would choose the latter. Perches should never be less than two inches wide, and of sufficient thickness to withstand the weight of the fowls when occupying them. They should not be placed at different heights, nor too high for the birds to reach without flying. They should be placed so far apart as to enable the birds to descend from them without a perpendicular fall. Perches for the lighter breeds should not be placed less than three feet apart, and not more

than two feet high, and those for the heavier breeds, such as the Orpingtons, not more than eighteen inches high, while for the feather-legged tribe they should be so placed as to enable the birds to step onto them. It is a wise plan when ordering poultry houses from the makers of such to consider the class of birds they are to shelter, and to specify in the order the height the perches are to be placed. This will often obviate the trouble of having to rearrange the perch rests. Have no fixed perches in the houses, or anything else but what is getatable for lice extermination. Many lice travel to the birds during the night time and via the perches, and many devices are resorted to to check the enemy, but the best insect-proof perch I have yet invented consists of a 2x1½-inch batten cut to length as required for the perch. Along the upper surface of this is tacked a length of 1½-inch wide ordinary lamp wick, and on top of this is nailed a length of 2x½-inch lumber with ½-inch poles previously formed through it, and a foot apart along its center. The outer and upper edges of this strip of lumber are nicely rounded. When the perch is fixed in position the spout of an oil can filled with kerosene is applied to the holes in the upper strip, and by capillary attraction the fluid is carried along the whole length of the perch. One application of oil will last many months, after which the operation is repeated. This device is a certain check to the approach of insect pests, the latter fighting shy of the smell arising from the oil. Many exhibitors of poultry dislike the idea of the legs and plumage of their birds coming into contact with oil, and the dressing of perches with kerosene is not resorted to, but such fanciers need not be at a loss to check the invasion of lice by way of

Nest Boxes, Etc.

Nest boxes should be periodically cleaned out, disinfected and replenished with clean nesting materials. There is no other appliance in the poultry house that can equal the dirty nest box for the accumulation of lice, and for the loss of sales in eggs, owing to the latter being rendered unpalatable looking. Dirty eggs tell tales about neglected work in the poultry yard. Place the nest boxes in the shadiest part of the house, as fowls like seclusion. Let them be only of sufficient height as to enable the birds to enter, so that pullets on the point of laying may be prevented from transforming them into miniature scratching sheds, and from breaking any eggs that may have been deposited. The egg-eating vice is often contracted through nest boxes being too high and placed in the lightest part of the house. Pullets commencing to lay scratch about in them, and if an egg is broken, it is liable to become consumed, and the egg-eating vice acquired. It is essential that thorough cleanliness be observed in the management of poultry houses. Let the interior cleaning, disinfecting and lime-washing be carried out periodically. If you neglect this work it will leave its detrimental mark upon the fowls. Show me the inside of a poultry house and I will tell you the condition of the birds that tenant it. Allow no dangerous cracks to remain in the walls of the structures; they mean roup and loss in eggs. See to abundance of ventilation without draught, disinfection, cleanliness, and the keeping at bay of insect pests, for such are the main factors to success in the housing of poultry.

PRIZE ARTICLE DEPARTMENT

We would like to have all of our readers compete for the prizes offered each month in this department. Send as many articles each month as you desire. For the best article we will pay \$3.00 and for the second best \$2.00. Make your communications about a column in length, which is about 600 words. They should be timely and appropriate to the season. Articles describing appliances and houses and accompanied by rough drawings are especially desirable. All the communications must be accompanied by a letter stating that they have been sent in for competition in the Prize Article Department. All articles must be written on one side of the paper only. Articles received after the 15th of the month will be too late for competition in the month following, but will be entered the next month. No manuscript will be returned, but all who send meritorious articles will be given a year's subscription to AMERICAN POULTRY JOURNAL, whether the article is published or not.

The first prize in the contest this month has been awarded to B. E. Hutchinson, Brookland, D. C., and the second prize to J. F. Laughlin.

START RIGHT

THIS being the season at which the beginner in poultry usually casts about to make a start in this the most fascinating, and if managed in a practical and hard-headed way, one of the most lucrative pursuits, one may justly say that the oft-repeated advice to parents, viz., "Start the child correctly, then, and only then, will he grow into the desirable and successful citizen of the future," proves none the less true in giving advice to those who would, figuratively speaking, begin as the child and by the aid of experience and study rise by easy and sure stages to any considerable standing in the poultry fraternity. I would, at the outset, have him burn one motto indelibly into his memory's pages:—START RIGHT!

In those two short words we may have a host of applications, most of which should be mastered, in their essence, if one would rise from the many pitfalls or snares into which, we may say without fear of successful contradiction, the majority of the beginners in the past have fallen after brief and sad experiences. All, or nearly all, of these failures could have been happily averted should they have given the subject closer study and delved deeply into its various ramifications before making a rash or hasty trial. Valuable time would then have been saved as well as replenishment of the bank account rather than the bankrupt or foreclosure sale to some "wise guy" who is always waiting for the "easy money."

After such experiences the disgruntled one is prone to rise up and vociferously denounce the poultry business as a failure, when, in reality, the failure lay wholly at his own door. These failures, followed by such erratic and false statements as usually emanate from those having what they narrowly consider a justifiable grouse against the poultry business in general, exert a strong influence and are potent factors in discouraging those who have observed such a failure from making any serious effort on their own account.

The wise person is he, though stumbling, who rises again and goes forward with renewed energy, more resolute than ever before, the better prepared through such experiences, dearly purchased though they may have been, to attain his cherished goal—"success."

From my own experience I would advise the beginner to observe, as closely as his circumstances will allow, the following rules or suggestions looking to the elimination of the most common causes of failure.

First, select the best bred fowls which you can afford to purchase of the variety you most admire or which are most popular and consequently most in demand in your locality (presuming that you expect to build up a good local or home trade before venturing into the broader field of competition with established breeders of note); also taking into consideration the factors which make for quick and regular profits. In the observance of this rule you should emphasize the necessity of placing quality as your

motto, not quantity, for it takes just as much feed and labor to produce the ordinary grades of poultry, which eventually pay but little profit at best, as to produce the better grades bringing you large profits, frequently five to ten times the profit of mongrels.

Some may argue that they have not the funds to purchase a yard of the best. To these we will say, try only a few of the best possible to get with the means at your command and, if properly cared for, in a very brief period you will be the proud possessor of a fine yard, which, after the wise and proper culling out process and the proper mating up of the future breeding pens, will be the surprise of all your friends, a delight and satisfaction to yourself and family, and will be the first strong and enduring round of the ladder leading to an assured future success in what is recognized as one of the most lucrative pursuits.

Perhaps the host of readers of this journal recall the opinions, so clearly and emphatically given, by such well renowned poultrymen as "Thompson," "Hawkins," "Dustin," "Fishel," etc., etc., in an issue of some two years ago, in which they frankly stated what they would do and the kind and quality of stock they would use should they be just plain amateurs and were starting all over again. Their unanimous verdict was to buy the very best blood possible, even though only starting with a pair or trio, and placing quality ahead of all else, cutting out all fancy buildings, appliances, etc., until a flock of the very best obtainable in the breed of their choice was established in their yards. To the "chicken crank" with "cold feet" I may add that some of the purchase prices advised therein would make his already low temperature of enthusiasm take on a decided "frost." On the other hand, I can safely assume that the very wise and practical advice, coming as it did from men of such caliber and who were known to have made a great success financially, has started many hundreds on the bright road to success. Great should be the praise of such men not only for their own achievements, but for the everlasting good handed down to those who would, in their limited way, strive to emulate such benefactors.

As an illustration of this point (if you will pardon a personal reference) my first few years in poultry raising on a small scale and as a side issue, with some fair stock, not mongrels, either. I found my profits on twenty-five to forty fowls ran from \$12 to \$20 per year, or about 50 cents per bird (feed being at that time 25 to 35 per cent cheaper than at the present).

During the past season a pen of six well bred fowls of a very popular variety have returned me between \$4 and \$5 per bird, even after selling the original pen before the breeding season was half gone. Like many others, I was, previous to this experience, somewhat skeptical as to various statements as to large profits being made by various advertisers of popular breeds.

In my second rule I would urge the necessity of feeding properly and judiciously at all seasons, as well as during the varying periods of development.

No two seasons or ages are exactly alike in respect to the physical condition and needs of the fowl; this, therefore, necessitates a close study and careful consideration of what foods are best during the propagating or chick period, the developing and feathering period, the maturing and finishing off process, either for the laying house or show room, and, later, the treatment of the mature fowl, either for egg production or for the breeding pen.

My third charge would be to place another very good motto ever before you, i. e., cleanliness, for have we not all been taught from childhood that "cleanliness is next to Godliness" in the human family? Why not a paramount necessity with the lower order of animals or our feathered friends? I believe the vast majority of amateurs already are fully recognizing the necessity of the above, for I have seen very few of such a class disregarding, knowingly, the above command as applied to their feathered friends.

The fourth suggestion would be to urge the absolute necessity of closely weeding or culling out of your flock each season the poorly formed or underdeveloped specimens, also giving close attention to the requirements of the particular breed as regards type, size and the requisite markings, thus giving you nothing but first class specimens to carry over or for use in your breeding pens. Incidentally your flock will show off to decided advantage to prospective buyers of stock or eggs; many good orders being sacrificed by failures in the proper observation of this very necessary detail by those who are otherwise a success.

As a fifth rule, and one to be borne well in mind at the outset, is to begin your venture on a small scale or at the bottom of the ladder; be a plodder to start with, not striving to be a "headliner" the first year or two, but be content to rise slowly, if need be, if slowness means sureness in this as in other lines of conscientious endeavor.

As a guide to your financial success keep as comprehensive a record as possible of all receipts and expenditures, or other necessary data, just as any progressive business concern.

The final rule we may aptly term the "Golden Rule" of poultrydom. Always apply the same code of morals to yourself as you would feign to apply to others, or which you would expect of your merchant or any class of dealers upon whom we depend so constantly for our very existence day by day. Keep ever before you that never to be forgotten adage as to honesty being the best policy and at all times being its own reward, and you will soon be making your share of the history in your community and the poultry fraternity as well. Do not sit idly down and miss the golden opportunities passing your way and lamenting like the "Judge" in "Maud Muller," "It might have been," but "be up and doing," "be a hero in the strife."

START RIGHT. When? NOW.

Brookland, D. C.

B. E. Hutchinson.

I HAVE LEARNED



THAT cleanliness is one of the most important factors in the poultry business; without cleanliness comes lice, mites, roup and deaths, and a general falling off in egg production and weak offspring.

I have learned that a very small crack or air hole in the rear of a poultry house on top or bottom will cause much trouble among the fowls from colds and swollen eyes and watery nostrils.

I have learned that a leaky roof is worse on a flock of valuable hens than a chicken thief. A leaky roof is torture and slow death to any flock. Try to imagine cold rain soaking down through your bed clothes for eight or nine hours,

and then you will have a good illustration of how it must feel to the warm body of a fowl, and how she must feel next morning.

I have learned that fowls will scratch and dig in the ground in winter just the same as in summer; but how many poultry men are furnishing their birds a place to dig? Hens cannot dig through a concrete floor, or a board floor. A good floor is all right in a poultry house, but I believe that a space should be left in each house without a floor, same to be filled with sifted earth, sand or fine gravel. This earth space to be situated so as to get the sunshine sometime during the day. My houses have no floors except "Mother Earth," which is spaded in winter the same as in summer.

I have learned that air-slaked lime sprinkled on the floors, on dropping boards, in cracks and crevices, and about the runs, is worth its weight in gold as a germ destroyer.

I have learned that one part air-slaked lime and one part sifted wood ashes mixed together will act as an excellent lice powder; also that goose oil will cure colds among poultry quicker than any other remedy I have ever tried (by bathing head and throat). Ask your doctor about the value of goose oil as a remedy for croup among children; then try it on your sick fowls that act croupy or roup.

I have found that clover hay is excellent litter, also furnishing a large percentage of green food. I have learned that poultry should have warm water to drink in cold weather.

I have learned that 150 hens will eat one-half bushel of potato parings cooked and mashed, mixed with 1 pound of alfalfa meal and two pounds of wheat bran. Some hens wouldn't eat that much potato parings in a week, particularly in cold weather.

I have learned that powder (I don't care who makes it) will not kill head lice on baby chicks. I have learned that hens that set in July and August will molt after leaving the nest and be in full laying for the next season by October 1. I have learned that hens set in boxes on a level with the ground will seldom break any of the hatching eggs entrusted to them.

I have learned that crude carbolic acid poured into scalding water and the solution poured in cracks and on dropping boards is sure death to red mites. I have learned that white diarrhoea does not exist among my hen hatched and brooded chicks. I have learned that crowding of birds on the roosts causes colds.

I have learned that a sudden change to cold weather will affect egg production to a greater extent among Leghorns than it will R. I. reds. I have learned that for one to be a successful poultryman you must devote much time in reading and expend some cash in advertising.

I have learned that following the above-mentioned means hard work, and hard work means success.

J. F. Laughlin.



A few of the high-class exhibition breeders in the pens of the River Home Poultry Yards, Box B, Perrysburg, Ohio, this past season.



A MITCHELL PARTRIDGE COCHIN

A New York first prize winner, now in the yards of Robert F. Clark, 87 Milk Street, Boston, Mass.

PREPARING BIRDS FOR EXHIBITION

The Proper Method of Washing and Preparing Birds For the Show as
Advocated by E. Cobb, the Noted English Breeder,
Judge and Authority

Written for American Poultry Journal by Rev. C. E. Petersen, Bridgton, Maine



WASHING of fowls for exhibition is of so much importance, and yet so often poorly done, that we may as well go through the whole process of how to wash a fowl for exhibition.

In all our experience in getting birds ready for show we have never found a method of washing so successful, as that advocated by Mr. E. Cobb, the noted English breeder, judge and authority, on all matters pertaining to poultry. We have followed this method for years, and as we cannot improve much on it, we cannot do any better than to quote him in full. He says:

"Always rub down the way the feathers lie, never against the webbing." Such were the only, or, anyhow, the chief instructions we had on this subject for many years. Many a time have we struggled with two or three Brahmas or



B. M. BILLINGS,
OBERLIN, OHIO.

One of B. M. Billings' prize winning R. C. R. I. Reds.

Cochins from about 2 p. m. to 12 and after at midnight, only next morning to find that in many places the feathers would not web out properly, and that even after the second or third day the birds would be termed by many "badly washed." Everyone we spoke to on the matter told us that we hadn't properly rinsed the soap out, till at last we felt this must be the case, and the next bird we performed on was rinsed in four different lots of water after being removed from the soapy bath. Still the result was much the same next morning. We then requisitioned the aid of a friend to work the pump whilst we held the bird underneath. This he did for the space of ten minutes, drenching both the bird and ourselves through to the skin. We both survived, but there was little else of encouragement worth mentioning. Repeated failures only made us the more anxious to learn the correct way to do it, and eventually a chance occurring to purchase a stud of White Cochins, we stipulated that the vendor should give us a lesson in washing. This he did, and it was thus that we obtained our first insight of the proper method to be employed.

Before starting to wash a fowl, always see that the necessary appliances are in order and ready to hand. These

consist of three large zinc washing baths (the larger the better), a copper full of hot rain water, three or four good sized soft towels, a cup (or a tin mug is not so liable to get broken), a bright fire, a contrivance for placing the birds into a dry, which may consist of an ordinary exhibition hamper with the lining removed from the front, or a light wooden frame, covered at the top, sides and back, and divided into partitions to prevent cocks from fighting, can be built specially for the purpose. Having arranged these in order, and well littered the floor of the drying accommodation with clean straw, and obtained sole possession of the kitchen for the time being, a start can safely be made.

Take a certain amount, according to the number of birds to be washed, of Sunlight or Spratts' poultry soap, cut it up into thin slices and place it into a vessel of water over the fire until it has boiled up and dissolved.

Fill two of the baths about half full of warm water; the water should not be too hot, but so one can comfortably hold one's hand in it, say 110 degrees of heat. Fill the remaining bath about half full of cold water, and mix a little blue in it.

Now take the bird and dip him into one of the baths with warm water, pressing his body underneath the water so as to well soak the outside feathers, then whilst parting the feathers—pulling them back so that the bird's flesh is visible—with one hand, take the mug or cup in the other hand and dip it into the water and pour into the feathers. Perform a similar operation all over the back, neck and upper parts of the birds, and with that portion of the body that is underneath the water separate the feathers with your fingers, so that the water can get well into the roots of the feathers and thoroughly wet the fluff. You might hold a bird's body for some minutes under water, and yet when you took him out find that the under portion of his feathers in many parts were not wet at all. And this is one of the great secrets of a successful wash, viz., thoroughly wetting the feathers all over before applying any soap.

If the lather is now ready—there should be no lumps in it—the bird may be lifted out for a second and a lather emptied into the bath. Or, and this is the plan that we ourselves prefer, prepare the lather so that at the time you wish to use it, it is cool enough to dip one's hand into it. Take a little in the hand and rub it on the feathers.

Now, when washing a bird, disabuse your mind of the idea that you are handling something that is brittle and liable to break. When once the feathers are thoroughly soaked with water you may treat them in the same way as you would a piece of flannel, rubbing them backwards and forwards, and completely getting every atom of dirt washed out.

Take the head first and place it between both hands, and rub your hands backwards and forwards as if you were washing a ball. Do the same with the neck, continually supplying a little more lather as occasion requires. Then take the back; this is best done by supplying the lather with one hand, when necessary, and rubbing the feathers backwards and forwards with the other. As we said before, don't be frightened about breaking them, they will stand a lot of such treatment, and often require it. The wings can next be taken in hand; these are best washed by placing one hand underneath the feathers and rubbing well with the other, and the tail should also be similarly washed. The upper part of the breast can be done by one hand only.

Having gone so far, get an assistant to hold the bird up, by seizing a wing and thigh in each hand, and slightly turning the bird over so that its breast is facing the operator. The latter can then take some lather in one hand and rub up and down the sides of the breast bone. Let the assistant then take hold of each wing only, and the operator by placing one hand underneath some of the feathers at the stern or sides and rubbing some lather with the other, can remove all dirt from the quarter. Finally, let the assistant hold the bird by seizing a wing and thigh in one hand and the remaining wing in the other hand, leaving one leg at liberty. This the operator can easily get clean by the rubbing with one or both hands.

Before proceeding further, we will just mention that at times a bird often gets very dirty in its foot feathers or at the tips of its wings. Should such happen, it is best to clean these parts first of all. Soak the feet or ends of the wings in warm water, getting the feathers well wetted. Dip a nail brush into the lather, and, whilst the bird's wing or foot is being held firmly and flat on a table, scrub the feathers well until quite clean.

Having removed every particle of dirt, rinse out as much soap as possible; let your assistant then hold the bird by its wings, and then squeeze out as much of the soapy water as possible. Then plunge the bird into the clear warm

water and go through a very similar performance to that which you have completed, the only difference being that this time you use no soap. But the act of rubbing the feathers in the same kind of way, and continually pouring on of clean water during your progress, will effectively remove all traces of soap which, if allowed to remain, will not permit the feathers to web out properly.



S. C. BLACK ORPINGTON COCK
Bred and owned by R. J. Knisley, Pine Rose Farm, York, Pa.

Whilst thus engaged, let your assistant pour a little water into the third bath, where a little bluing has been placed, just sufficiently hot to take off the chill, and having thoroughly rinsed the bird, squeeze its feathers in a similar way as before and place it into the remaining bath. Again let the water get well into the feathers, and then, whilst he is being held up, take hold of handfuls of feathers and squeeze out as much moisture as possible, especially squeezing the breast, fluff, tail and thigh feathers.

Now place him on a perfectly clean table, and taking one of the clean, soft towels previously mentioned in both hands, rub his head and neck in the same way as you did when washing; in fact, the whole body may be treated in a similar manner. By the time you have gone over him once, or perhaps before, if he be a big Brahma or Cochin, your towel will be wringing wet, and a second or third towel becomes necessary before his feathers appear fairly dry. When, however, they are, he should be placed in the drying cage before the fire. But should he appear a bit off color from the operation, a teaspoonful of brandy and water or port wine should be administered; in fact, in any case, this treatment will do no harm, and often good. Having got him safely ensconced in front of the fire, one's labor is by no means finished. The fire should be bright and warm, but care must be taken that he be not placed close enough to blister his face or lobes or too quickly dry his feathers in any one particular spot, as, in that case, they are liable to become twisted. The bird should be continuously shifted around and, if it be necessary to leave him for a time, an old tablecloth should be hung over the front of the cage to protect him.

If they have been well rubbed with the towels, they will very quickly web out again, but if at the time of going to bed some hens seem rather damp, they had best, if room permits, be placed together in front of the fire, a cloth thrown over them, and the fire made up for the night.

Some people simply place the birds near the fire in an open cage, but we are convinced that by more or less covering the cage up, and thereby stopping too free an

escape of the moisture arising from the fowls that the feathers web out considerably better.

By the next morning, if all has gone well, the birds should be dry, and merely requiring a few hours to plume themselves, in order to put on the finishing touches to their toilet, and should now be removed to comfortable quarters well littered with soft clean straw, and fed. But on mentioning feeding, this reminds us that no soft food to birds that have been washed the previous day, as they are frequently inclined to be loose and the giving of soft food aggravates the evil. Neither should much water be allowed during this period.

Always use soft water, if possible, for the purpose of washing poultry, or at any rate, as soft water as you can get, as hard water is not at all suitable.

Some fanciers, instead of using the hand to apply the lather, make a sponge answer the purpose, which is also effective. Others never prepare the lather previously, but simply make it as they proceed by the aid of the sponge. We, however, much prefer the former method, as the soap in this case is easier rinsed out.

It has been stated by exhibitors that the washing of black and buff colored fowls is unnecessary, and we will admit that though it may not be of as great importance as in the case of white plumaged birds, yet it makes such a great difference in the lustre of the plumage, that it pays well to do it.

One warning here we feel to be necessary, use very little bluing, for if you use too much, you will have to do your job over after your bird is dry.

On the day previous to sending the birds to the show, the final touches should be applied, and every little item carefully done. Wash the feet in warm water, but do not use any soap for this purpose. A nail brush will do good service in cleaning their legs. After drying, a few drops



BLACK LANGSHAN
BRED AND OWNED BY
R. A. HEWES
CRETE, ILL.

of sweet oil, well rubbed into their legs, will put a fine gloss on them and very much improve their appearance.

Don't oil the "red" on the birds, as the slightest exposure to dust makes the parts look infinitely worse for the operation; diluted vinegar will give the desired results without any attendant drawback. Next take the bird on your lap, and carefully, with a soft silk handkerchief,

smooth down his plumage, and quite a little additional gloss can be put on the bird this way.

Much more might be said regarding how to fix up white earlobes, and the face of the Black Spanish, but suffice it to say that if the bird's lobes have been gently rubbed down, a little powdered zinc will improve their appearance, and stop them from blistering. Be careful how you enter your fowls for exhibition, and see too that each label is fastened where it belongs, and be equally careful that the right bird is put in the right place.

And now the attending to your fowls has come to a successful end, the intending exhibitor for show room honors is ready to send off his birds, and it is with great anxiety he sees them leave, but if any of them returns with a blue ribbon, yes, even less, I know he will handle that bird with almost pious reverence.

SOME ENGLISH IDEAS

Written for American Poultry Journal by Dr. H. F. Ballard, Okenoa, Illinois

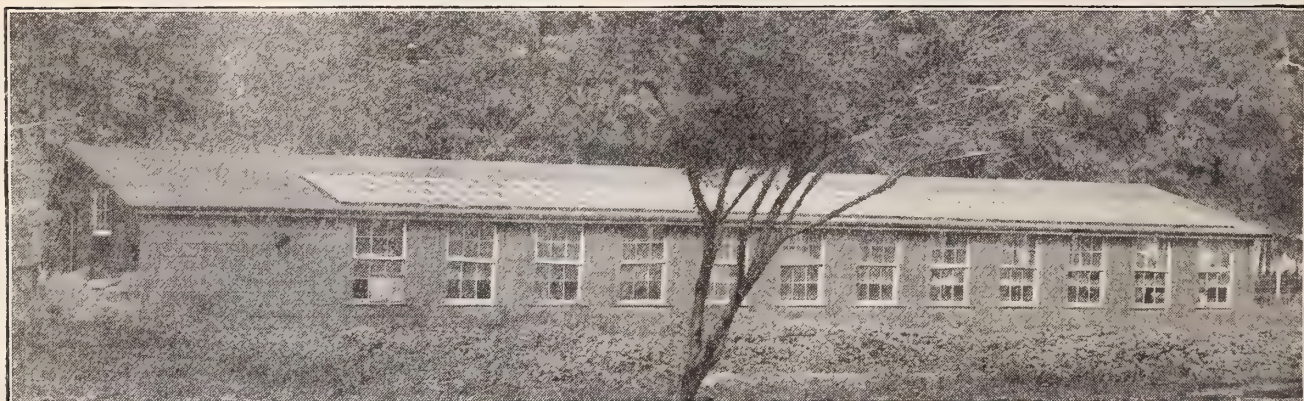


THE following extract is taken from The Feathered World, London, England: "One is constantly hearing of poultry keepers in some districts who are seriously troubled by foxes, the vermin appearing more numerous and aggressive than ever, and occasioning considerable expense and trouble in preventive measures. Instances where raids by these destructive pests have resulted in the destruction of a score or more valuable birds are common, and of course there is nothing to do but grin and bear the loss.

"In the odd cases where a show of claiming compensation is

remarked once before, I met two breeders of Reds at the Bloomington poultry show last winter who told me they were going to give up the Reds because they "set too much." Now, remember, I am not trying to "run down the Reds." I simply don't believe they are any better than Rocks or 'Dottes. In all the reports of experiments in egg contests which I have ever seen, neither the Reds, Rocks or Orpingtons won. It was always either Leghorns or Wyandottes. The truth of the whole matter is, in my opinion, that general purpose fowls are not, par excellence, egg fowls. They are a combination of egg and meat production, therefore do not stand at the extreme top in either; on the principle that a mulatto is neither a white man nor a negro. (You see, I was born in the south, but I never could see any sense in the principle that one drop of "black blood" made a negro; unless you adopt the corresponding principle that one drop of white blood makes a white man; poor rule that will not work both ways.)

My observation and experience convinces me that it is a pretty safe proposition to price Cochins by the pound, regardless of qualities otherwise. Most buyers are looking for big birds and very few are finding them. Since the craze for extraordinary length of feather has set in, it is hard to find Cochins up to weight. On the other hand, some of the judges are giving prizes to the old-fashioned slim-legged birds when they have the size. The idea that you can get a short-legged bird combined with heavy weight is a myth. I never saw a short-legged, heavy-leg and toe-feathered Cochin that was up to weight. The only place where such a bird can win is in a comparison show. Several years ago I shipped a Partridge Cochin cock that weighed about nine pounds to a man down in New England. He said he had young pullets that weighed more than the cock, and I tried my very best to buy one of those pullets, but he would not even set a price on one of them; my secret opinion was that he was a liar. He



View on the new home of Goshen Poultry Yards, Goshen, Ind., showing main brooding house, 70 feet long, now equipped with hot water system, which will heat the building sufficiently this winter so it can be used for fireless brooders during zero weather.

made, the offer of a mere trifle of eighteen pence or two shillings per head for birds worth guineas is more in the nature of an insult than anything else."

Now what do you think of that, you free-born American poultry raiser? You could not kill the fox, because Mr. Monocled Englishman wants him for a fox hunt! There would be a dead fox in their regions and Mr. Englishman would be kicked off the place when he came nosing around with his pack of fox hounds.

Here is another quotation, an answer to a question in The Feathered World: "As your pullets are just five months old you need to be in no great hurry for they will be nothing amiss if they do not commence to lay for another month, for you say they are crossed with Orpingtons, and that variety does not commence to lay very early." Orpington breeders on this side the water have been trying to make us believe they began to lay at less than five months old.

Here is a quotation from The American Poultry World: "Actually, we do not recall ever having seen a report of heavy egg production by an individual bird or by a pen or flock of Rhode Island Reds. What do you Rhode Island Red men (and women) think of that—'honest Injun'? Maybe it is because we do not read the poultry papers as closely as we should. All right, but in our nineteen years in the poultry business we have never attended a chicken banquet where a man, woman or child has had the temerity—not even once—to get up and tell what good layers the Reds are, and then give some facts, a concrete case or two, to back up the statement."

Doesn't that sound "Cochin-y," Mrs. Hughes? And as I

"didn't have no sich pullets," as Sarah Gamp, one of Dickens' characters says.

The following remarkable answer appeared in The Feathered World, to an engineer who asks for the best variety for winter eggs: "As you require winter layers, but do not care for Orpingtons or Wyandottes, then I cannot see what variety is going to suit you, for as you say Orpingtons are inclined to be very broody, and Wyandottes you say lay very small eggs, I cannot recommend Croad Langshans; they, too, have the same fault as you have found with your Wyandottes, and also they are inclined to go broody. Of course, the lighter breeds, such as Leghorns, Minorcas, Andalusians, etc., would not suit you, as they are not the best of layers. The most suitable breed for your desire would be a cross between Minorcas and Buff Orpingtons for then you would be improving the size of the eggs, and counteracting the broodiness, but as you require a pure breed, then I do not see what use they will be to you. Wyandottes I have found are layers of rather large eggs; in fact, much larger than the average Orpington eggs, but then strains differ a great deal in this respect, for you seem to have got hold of a very poor strain of 'Dottes.'

Wouldn't such an answer as that "stir up the animals" among our Orpington and Wyandotte breeders on this side of the water? To say that Orpingtons are "broody," and that Leghorns, Minorcas and Andalusians are not the best layers, would bring down on the head of the perpetrator "vials of wrath," yea, whole bottles and jugfuls of it, and again the idea that Wyandottes lay larger eggs than the much-vaunted Orpingtons, Whew! ! !

THE CARE OF DUCKLINGS

FOR the benefit of the readers of this paper who may be starting in the duck business for the first time, and have not had experience in hatching them, I will begin with the duck eggs before the ducklings are hatched.

First, the eggs must be from strong, healthy breeding stock; and second, they must be well hatched. Having these two important parts in view, we have the first foundation for a good flock.

Duck eggs require twenty-eight days or four weeks to incubate. They usually begin to pip the shells on the twenty-seventh day and on the following morning they should be coming out quite lively and should all be out by the evening of the twenty-eighth day. You will observe that they are unlike chickens, who come out of the shell very soon after they are piped. Sometimes ducklings will break the shells twenty-four hours before they hatch out, so do not get impatient if they do not come out readily, for they require more time than chicks.

If an incubator is used, keep the temperature as near one hundred and three degrees as possible, turning the eggs twice a day and allowing them to air or cool once a day, till they feel quite cool to the touch but still warm when applied to the cheek. After the twenty-sixth day they will need no more turning. When they begin to pip the shells the temperature may be allowed to rise to one hundred and four or five degrees, but no higher. The increased heat will help to liberate the ducklings with less effort.

Let the ducklings remain in the incubator from twelve to twenty-four hours after hatching, thus giving them time to get thoroughly dried off and become strong on their feet before removing them to the brooder, which should be heated to about ninety degrees previous to receiving them. Keep the temperature at ninety for the first week then it may be gradually lowered about five degrees each week.

After the fourth week they will not need much artificial heat during the day except in very early spring. Place the brooder where they can get the sun in early spring and you will be surprised to see how they will prefer the sun's rays to the brooder.

grit. Mix this with sweet skimmed milk or warm water until the food is well moistened but not sloppy. Feed this ration four or five times a day for the first three weeks after which meat, meal or scraps may be added, about one-tenth part at first and gradually increased till at seven weeks they may be fed one-fifth meat without any danger of bowel trouble. At three weeks old they should also have cut



First prize White Wyandotte cock, Illinois State Fair, 1910. Bred and owned by Henry C. Dippel, Box A, Indianapolis, Ind.

grass or clover meal, in bulk about one third. Do not feed them more than they will eat up clean, as if left to sour in the trough it will cause bowel disorders. If the ducklings can have green grass in their yards they will pick up all they require and it will not be necessary to mix any with their feed.

To keep the ducklings from wandering, use movable fences made of twelve inch boards set on edge with stakes driven in the ground on either side to keep them in place. These can be easily changed once a week to fresh grass ground and by so doing will keep the ducklings well supplied with plenty of green food. The Pekin ducks and some other large breeds will seldom jump over a twelve inch fence. If you have not grass ground enough a good green food can be supplied by sowing rape broadcast. It grows very rapidly and makes a good vegetable food. Do not allow the young ducks to have water to swim in, as they will not grow as rapidly nor fatten as quickly and their meat will not be as tender. Keep fresh water before them to drink and immerse their heads in at all times, especially at feeding time, as they must have drink while eating.

Ducks must also have shade in the warm summer months. If you have no shade trees you may make shade by driving posts in the ground letting them project out about two feet and nail poles or slats horizontally on top, covering them with boards, canvas or anything to keep off the scorching sun in the middle of the day. These shade places will answer for their roosting places after they begin to feather.

Ducks that are fed and cared for by this rule will dress from three and a half to four and a half pounds when eight weeks old and should be marketed when not older than ten weeks, as they pluck easier, look nicer, and bring a better price in the market than at any other time. Keep their roosting places well cleaned as they will loose as much by roosting in a dirty, foul place at night as they will gain through the day with the best of food.

Good food properly fed is half the battle and proper care with a sprinkle of common sense is the other half, and by combining the two you will be able to raise ninety per cent of every duckling hatched.

Sidney Centre, N. Y.

A. E. Vandervort.



After removing the ducklings to the brooder, offer them their first meal, fine sharp sand and luke warm water. This supplies them with grit and gets their digestive organs in condition to receive their first food which is a mixture of one part corn meal, one part middlings, two parts wheat bran and one-tenth sharp sand, fine oyster shells or chicken

EDITORIAL

WE LEAD
OTHERS FOLLOW

70,000 A. P. J.'s for December, 1910.

State of Illinois, County of Cook, ss.
J. G. Budde, secretary and treasurer of Regan Printing House, Chicago, being duly sworn, certifies that the American Poultry Journal has contracted for printing and binding seventy thousand copies of the December, 1910, issue.

J. G. BUDDE,
Subscribed and sworn to before me this 19th day of November, 1910.
[Seal.] Henry G. Eisert,
Notary Public.

OUR GUARANTEE.

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the American Poultry Journal, providing the subscriber when ordering the fowls or merchandise states that the advertisement was seen in the American Poultry Journal, and places the order during the month or months in which the ad is inserted in our columns and notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars, as soon as it occurs.

A Merry Christmas

We wish the readers of the American Poultry Journal a Merry Christmas. We trust that the past year has been one of success for you and that this success will but urge you on to greater efforts another year. This is the way we personally feel about the American Poultry Journal.

We will not at this time make you any promises as to what we are going to do, except that we are going to give you the biggest and best publication that lays within our power to do. We intend to give you the best possible information it is possible to obtain on all subjects pertaining to the production of fancy poultry, and we hope you will co-operate with and assist us by furnishing us with any poultry news that may come under your observation.

We are trying to run the American Poultry Journal on conservative lines in the interests of its readers and advertisers, and it is our constant effort to give you the best of everything. If you are pleased with the American Poultry Journal we would like you to tell your friends. If not, we would be glad to have you tell us your criticisms. The prospects for a prosperous season this coming year are better than they ever were before, and the price that is now being paid for fancy stock and eggs far exceeds that of the past. There is plenty of room at the top for the best breeders of high class stock, and it is up to you to produce this stock and then convince the people that you have it, and secure your share of the golden harvest.

In closing, we again wish you a Merry Christmas and a Happy and Prosperous New Year.

The great interest that is being taken in the winter course in poultry husbandry in all agricultural colleges is only another evidence of the hold that the poultry industry has on the people all over the country.

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If you change your address give both your old and new address as well as your subscription number when notifying us of the change.

AMERICAN POULTRY JOURNAL is the oldest poultry paper in America. It has a national and world-wide circulation. The best writers on poultry matters contribute to its columns. It receives the patronage and endorsement of the foremost representative breeders of standard poultry and manufacturers of poultry appliances in the country.

The One-Man Plant

Not long ago a friend made the statement that after his little plant got beyond the place where he could care for it himself and handle all the details of it, the profits went down, so after all he cut down his work and increased the value of his output. There is a deal of sense in this. Good fanciers and breeders get their money out of their investments because they personally care for all the little details that go to make up the whole work. When they cannot handle them themselves, then the work is not cared for properly, and the stock shows it, consequently the quality of the birds suffer.

The fancier who is trying to make a living from his fowls must have everything done right. He cannot trust too much to others. His time is more valuable in the simple feeding of the birds than to trust this much to the hands of another. Yet when he does all his own work, with the possible excepting of some of the cleaning which he can hire a boy or old man to come in and do, he must have the labor-saving devices everywhere they will be of value to him. We know a poultryman who uses gas to heat all his incubators, and this saves a great deal of time in lamp cleaning as well as giving better results in steady temperature.

Another uses electricity for the same purpose. Another uses a gasoline engine for cutting bone and clover and grinding feed. A different man will have his plant laid out so that he can do the greater part of his work under one roof and tend his flocks with the smallest amount of time. All these little things help to make the work lighter and better done. One of the greatest hindrances to the man who tries to do all his own work is the generally poor equipment that we see all over the country in the yards of poultrymen. Good ideas in the laying out of yards and buildings are not to be had with-

out experience, as one man will not be pleased with the methods of work of another.

With the help of some member of the household, the office work of a one-man plant can be done each evening or during an hour of rest from manual labor. There are hundreds of poultrymen who are making a nice living out of the business and who are a credit to the fancy, each and all following out their own ideas about how the most can be accomplished with the least labor cost. Equipment is their first consideration. They are so fixed that what steps they take count.

The one-man plant is a little enterprise that makes toward specialties. It takes up the breeding of a certain breed or variety and makes a big thing of it, the proprietor knowing that in concentration there is strength. And it is astonishing to a lot of folks who thought that one man could not handle a large business, to find that when one is equipped for the work there is a great amount that can be accomplished which too much help would mar or spoil entirely, or, in other words, one man can do more than two who are not well fixed to carry out their work.

The Big Western Shows

Well, this is how they stack up:

St. Joe,
Topeka,
Kansas City,
Omaha,
Lincoln,
Denver,
Minneapolis,
Sioux City,
Des Moines,
St. Paul;

and in setting them down we have not placed them in their true sequence and according to importance. We have given them just as they come to mind,

and may have left out one or two; but we cannot now recall more than these.

The Kansas City show needs nothing said about it. Tom Quisenberry and Ernest Kellerstrass are attending to that. The press notices have been ample. The show will be a buster for size, and the quality fairly sizzling.

St. Joe is going to hold her show in the new Auditorium, and it will be the best one ever held in that city. There are thousands of fanciers tributary to St. Joe who will send or bring thousands of birds, and the association having always paid its debts and done what it agreed to, will not have trouble to get out a big attendance of breeders and a fine lot of admissions. We are glad to note these fanciers all coming out strong for comparison and adopting it as the standard of awarding prizes.

Omaha has been holding a number of good shows in the past, and this winter she expects to break all records. The Auditorium will be used for the show, as it has been in years past, and this means ample light and heat and fine gate receipts. Anton Lundstrom is the new secretary and he will make a showing that will be in keeping with his energetic self.

Denver is another great show held in an up-to-the-hour manner and one that is a good place to sell birds and advertise. It is a sort of intermontane show that makes a fine place for all the breeders in its territory to try out for the final honors of a good show season.

Topeka is one of the babies. It will not be a baby in size. It will step right into the first rank first time out of the box. No getting around that. Hicks and Rankin and two-thirds to three-fourths of the fanciers in the state are behind it. Uniform cooping, ten specialty judges, dollar entry fee, comparison judging, ribbons up the second day, lectures by the judges, cash and special prizes by the wagon load, banquet, special hotel rates, are but a few of the inducements.

Minneapolis holds the state show of that state. It will run about three thousand entries. The quality will be a try-out for the shouters who claim a lot, and the money is in the bank to pay the prizes. Cups, specials and a good lot of free advertising in the big dailies means something to draw a full entry.

St. Paul holds her show about the first week in February. Good attendance and comparison judging, cash prizes, a clever set of officials, uniform cooping, a selling show par excellence, these and other things are held out as inducements.

Lincoln holds the Nebraska state show. It is always a good one. They have not come to uniform cooping and comparison work, which mean quick decisions and no bother as yet, but in time they hope to make these advancements. The fanciers of the state turn out in good shape with a couple or three thousand birds, and there is a great crowd in town all week to help the selling end, as the allied agriculturists meet during the same week.

Sioux City held her first big show last season and expects to eclipse her previous efforts. No doubt she will do this very thing. She has engaged a couple of well-known judges to handle the birds, and has the commercial men behind her.

Every one of these shows is worth going to for a couple of days by all

breeders who live in their sections, and they should send their birds if they can. Better get into line for the great boom that is taking place in the poultry business this coming spring. Show what you have. Buy to help out your string if necessary, but show. Get out among the buyers and get a fair share of the trade that is going on.

What About This?

It was not a thousand years ago that the first article on preparing fowls for the show room was written, and, strange as it may seem to readers of poultry journals, it has not been the same article appearing season after season ever since. Every fall we are called upon to read about the same things that we perused a year ago. It is time that Arthur Smith or F. H. Davey or Maurice Delano wrote a standard book upon conditioning fowls for shows, so that we would be spared the awful matter served up to us from season to season.

The wise fancier has been preparing for the shows that he intends exhibiting at for the past year. He so cared for the fine show cockerel that graced his last season's breeding yard so that he was not spoiled by having the females eat the spikes off his comb, or exposed so that it was frosted, or tortured during the summer, with the sun and rain to kill a beautiful plumage.

When the breeding season was over his show birds were so yarded and fed during the summer that he was proud to show them and did not have to apologize for their looks. He was not one of the men we shall mention when we write our great tale of mystery, "Where Do the Great Show Cockerels Go To?" He brought his fine cockerel back into the show as a cock bird, and folks said he had a great lot of luck in summering his birds over. He did what he did well. He never tried to overdo. He knew that room for a few really good ones meant more breeding reputation in the end than trying to accomplish too much with too little.

This winter, follow this suggestion when you go about the aisles of the big shows. Study the winning poultryman. Try to get his angle of view and see how he looks at things. You may find that he is conscientious in what he does. You may discover that he is wrapped up in his work. You might learn that he has been years accumulating his knowledge and skill to do one thing well. You will find him well read, well fed, well dressed, and honest and full of ability. He is doing what he does a little better than the average. What he is doing in the way of work is planned ahead just as the financial coup we sometimes here of in Wall street. There is a head on his shoulders. Take a look around and see these things and a lot more.

Plenty of Opportunities

The market poultryman was never in such a strong position as he is today. As wild game for table purposes is being harder and harder for the caterers to obtain, they are falling back on more squabs, pigeons, broilers, capons, guineas, young turkeys and other delicacies which the poultryman can produce. The field is widening. Prices are better than they have ever been.

Beef and pork and mutton stay on the high rungs of their respective ladders, and there is nothing for the consumer to do but go without or pay the price.

Market fowls of the commonest kinds shipped from the poultry sections of the interior states are now bringing good figures. Better figures generally than have obtained for quite a while. The Thanksgiving market was not glutted this season, nor will be the Christmas trade. The turkeys and geese and ducks are finding more use at home than to be converted into cash and this cash expended for pork or beef. We are a great nation of poultry eaters and becoming greater. We are learning to produce more of it at home and for the home table than ever before.

European nations are co-operating among themselves to prevent any further slaughter of game for export or domestic use. The covers of pheasants and partridges, grouse and quail, all over the world are becoming more and more depleted. This food supply must be filled in some manner, and now it looks as if the poultryman and the allied agricultural interests will have to take the jobs on its hands. Most all of the states of this nation have closed the previous consent to the sale and purchase of game for table purposes. If each of us does a little in the work of filling the market with something to take the place of this game that has been killed out of covers, we shall reap in total a great reward for the time and effort we put into the work.

Mr. Turk

Last month and this, Mr. Turkey received a lot of attention.

No wonder that he went about with a long face that looked like an undertaker's at a big funeral! But after Christmas festivities are over this gentleman should take on a brighter look. Things will be looking up for him. Those who produce turkeys will begin to manifest some concern about their breeding flocks for another year, and if Mr. Turk puts on his proudest strut and calls on his deepest vocal chords, the chances are all in his favor of being selected for a worthy duty.

There is too little attention given to turkey breeding. The market end of the business is profitable, but still more profitable is the breeding of larger and better boned turkeys, those of better markings and shape. Many a woman is known locally as the turkey woman. She probably has the knack of getting them hatched at the right time of the season and does well with them after they are hatched. The chances are that she buys new blood each season and tries for larger ones than ever, as well as better marked birds. If she does, she soon is making a nice thing out of the business.

Turkeys can be reared on less ground than once we imagined. There are newer breeds of these fine fowls that do not wander quite so much as the one that claims so much of wild blood. We saw one woman rearing turkeys in a small town of about twelve hundred souls, and she was making it go. She raised to market age nearly two dozen of the Bronze variety. She said that the secret of keeping them at home was regular feeding and lots of it. The birds could depend on her and she on them under such liberal feeding.

Plan to try a few turkeys the coming spring if you have a bit of unoccupied space, and give them a chance to turn money-makers. If you are thinking of buying better breeding stock than you have, why not get in touch with those producers of it now. We are going to have another great selling season of both stock and eggs. It has started and there will be nothing to stop it. Turkeys are a good investment. Give them a chance.

Prince T. Woods Resigns

The poultry world will be much surprised to learn that Mr. Prince T. Woods has resigned his position as associate editor of *Reliable Poultry Journal* and managing editor of *American Poultry World*, and is now in no way connected with Mr. Curtis or any of his business enterprises.

Mr. Woods has been connected with R. P. J. for a number of years, and when *American Poultry World* was launched on the sea of poultry journalism he became managing editor, and by the poultry fraternity was considered one of the cornerstones of this new publication.

Mr. Woods is going to take a much-needed rest for a few weeks, but will no doubt be back in the harness on some other publication in the near future, as he is too good a writer to be lost to the poultry industry entirely.

Mrs. Helen T. Wood has also resigned as editor of the woman's department in *American Poultry World*.

Out of the Air

While the sectionists are working to coop the annual meeting of the A. P. A. here, there and yonder, and while the spirit of getting memberships is upon us, let us not forget that if we hold the next meeting in Denver we will be but working westward with the tide of population and spirit of hedom. The fancy is growing bigger every season in the western states, and soon we shall see as many shows west as east.

Proportionally, the central West and the Coast are growing in things chicken faster than other sections. It is time we took note of this fact. Whatever can be done to encourage the growth should be gone ahead with. There is no place where feed and building materials will be cheaper during the next fifty years than the central West. These have much to do with the breeding of pure bred fowls and the building of poultry farms.

Boston is far to the east when considered from the Coast standpoint, and vice versa. Let us get our heads out of the clouds and select some central place that is in the line of excursion and hold it.

Illinois Branch, American Poultry Association

A special meeting of the Illinois branch of the American Poultry Association was held at Springfield, Ill., October 5, 1910, at the state fair grounds. President Fred L. Kimmey presided and Mr. D. E. Hale was elected and served as secretary pro tem.

After a free discussion as to where the American Poultry Association grand gold medal, grand silver medals, and diplomas should be awarded, the motion was made, seconded and carried

unanimously that the Illinois state show to be held at Springfield, Ill., January 2-7, 1911, shall be known as the Illinois state branch of the American Poultry Association show, at which shall be offered the American Poultry Association medals and diplomas.

On motion it was decided that the first annual meeting of the Illinois state branch of the American Poultry Association should be held during the Illinois state show at Springfield, Ill., January 2-7, 1911.

A motion was made, seconded and carried that President Kimmey recommend to Secretary Campbell of the American Poultry Association that Mr. F. C. Hare, Quincy, Ill., be appointed state organizer of the American Poultry Association for the state of Illinois.

D. E. Hale,

Secretary pro tem.

Fred L. Kimmey,
President.

An Important Sale

Owen Farms, Vineyard Haven, Mass., recently purchased the entire flock of white Plymouth Rocks from the Grey-stone Poultry Yards, Yonkers, N. Y., and thereby secured some of the best white Plymouth Rocks in the country.

The Grey-stone White Plymouth Rocks under the management of Frank H. Davey, has made an enviable reputation in the show room during the past years, and especially at Madison Square Garden, where they have won the cream of the prizes year after year.

The Owen Farms also secure the services of Mr. Davey, who has the reputation of knowing how to produce white Plymouth Rocks up to standard requirements and, in fact, a little beyond standard requirements.

Mr. Davey is also a judge of national reputation, having judged at some of the largest shows in the country during the past few years.

This addition to the Owen Farms' flock of White Plymouth Rocks puts them, without question, in the front rank of White Plymouth Rock breeders in this country, but it only goes to show that nothing is too good for this farm.

Rotten Egg Industry Exposed

It has just come to light that a large business had been carried on in the city of New York in the sale of rotten eggs, which had assumed such gigantic figures of 1,000 cases per day. These eggs being used by the bakers in the manufacture of sponge cakes, lady fingers, etc. As a result of the investigation which has been started, the chief food inspector and two of his assistants have been suspended pending further investigation. This trade has been carried on for years under the tract permission of the inspectors, and it is high time that something was being done. With the traffic in these putrid eggs stopped, the demand for good eggs will be so much the greater. May the good work go on.

An Apology

In our November issue in the prize article department appeared an article entitled "Early Laying and How It Is Done." This article was signed by C. A. Umoselle, Hammon-ton, N. J.

Shortly after the November issue was

in the mail we received a communication from F. O. Wellcome, Yarmouth, Maine, who informed us that he had written this article and same was published in the *Poultry Keeper* in October, 1909.

We accepted this article in good faith, not knowing that Mr. Umoselle had not written same, we therefore apologize to Mr. Wellcome for the publication of this article without due credit being given him for same.

A Correction

In the list of winnings of the Illinois State Fair, which appeared in our November issue, O. C. Van Doren was given the credit of winning third on Single Comb White Leghorn hen. Mr. Van Doren did not exhibit any birds at the Illinois State Fair, and third hen was won by the White Leghorn Poultry Farm, Pekin, Ill.

In our write-up of the Hagerstown show, in mentioning R. C. Rhode Island Red winners we made a mistake in the address of Mr. M. C. Richardson, who was a prominent winner in this class. His correct address is M. C. Richardson, Jr., Front Royal, Va.

Winter Course in Poultry Keeping at Pennsylvania State College

This course covers the months of December, January and February. Students in this course are not only given lectures and recitations, but practical work as well, and an opportunity to familiarize themselves with all lines of poultry husbandry followed on the college poultry farm. Five hundred hens are kept here and some interesting fattening experiments will be under way, also some extensive experiments in fattening fowls for market.

The poultry department has an incubator room with a capacity of 2,500 eggs and a brooder house with a capacity for 900 chicks. This is being equipped with steam heat, and students will have an opportunity to secure practical experience in hatching and raising winter chicks. They will also be given an opportunity to acquire practical experience in judging fowls for show and market, caponizing, fattening, killing and dressing for market, and poultry house construction. Special attention will be given to poultry diseases.

In addition to the regular poultry work, special poultry lectures will be given during farmers' week by well-known specialists. Special lectures are also provided from time to time during the course. In addition to the poultry work, students will have an opportunity to take some work in general agriculture, live stock or horticulture. This course is open to women as well as men. The tuition is free, the only charge being a small sum for incidentals.

Those who are interested should address Homer W. Jackson, instructor in poultry husbandry, State College, Pa., for any additional information which may be desired.

Michigan Agricultural College

The Michigan Agricultural College, like most of the agricultural colleges throughout the country, is giving more attention to poultry than ever before,

and this winter they are going to give an annual short course in poultry raising consisting of eight weeks, beginning January 3rd, ending February 25, 1911, including a one-week course of poultry institute, February 13-18, 1911, and their annual poultry show, February 14-17, 1911.

The short course in poultry raising is offered for those who expect to engage in the poultry business. It is a concentrated course, extending over a period of eight weeks, but including the subjects taught in the course for regular students.

H. L. Kempster is the instructor in poultry husbandry. For further information address Agricultural College, Lansing, Mich.

New York State Agricultural College

The demand for instruction in a winter poultry course at the New York State College of Agriculture at Cornell University, Ithaca, N. Y., is unprecedented, and Professor Rice informs us that the course is now filled, and their only hope of admitting others is that some persons who have accepted fail to take the course. It is exceedingly important that persons who desire to take the course should secure their announcement and send in their applications at once in order to be certain of a place in the class next year.

He also states that if they are able to occupy their new poultry building at that time, for which an appropriation of \$90,000 was recently made by the New York State Legislature, they probably can accommodate all, or nearly all who are likely to apply. If, however, the building is not completed by December 1, 1911, they could not accept more than 55 students, their present number.

H. E. Moss, who for a number of years has been connected with Cyphers' Incubator Company in an official capacity and has been in charge of their large feed mill and their branch house located at Kansas City, Mo., has severed his connection with that company and is now with the Handy Hatcher Company, of Kansas City, Mo. Mr. Moss is well and favorably known to poultrymen all over the United States, and is well equipped to make a success in his new venture.

The South Central Branch of the

A. P. A. was dissolved at the Appalachian exhibition and four state branches are now being organized—Tennessee, Kentucky, Georgia, and Alabama. The prospects are good for a large number of new members in all of these states.

Secretary S. T. Campbell attended the Hagerstown fair and secured many new members for the Maryland and Pennsylvania branches.

POULTRY IN OREGON.

With every facility for the poultry keeper, with the best climate and highest prices, Oregon is facing a shortage of poultry products and the Portland Commercial Club and the Oregon Agricultural College have undertaken a campaign of education intended to bring about a larger production.

James Dryden, professor of poultry husbandry at the Oregon Agricultural College, Corvallis, has issued a book on poultry for the Commercial Club, that is now being distributed free of charge to all who are interested. It is hoped by this means to stimulate the poultry industry in Oregon, thus shutting off to some extent at least the big purchases every year of poultry and eggs in the Middle West.

Oregon is producing several million dollars' worth of poultry and eggs per year but Prof. Dryden believes this is only a drop in the bucket to what it will be turning out within a few years. He finds ideal climatic conditions here for the industry, with varying temperatures to suit the ideas of different fanciers.

The price of food, he says, should of course be considered. Wheat is the principal poultry food on the Pacific Coast, but corn will grow successfully in some sections. Eastern Oregon is one of the best wheat districts in the United States, and there are few, if any, sections where wheat is lower in price than here. Wheat is also grown in Western Oregon to a limited extent. Vetch is more largely grown for hay in the Willamette Valley. It is sown in the fall and may be cut early in the spring for green feed and it may be pastured by the chickens in the winter. In the Willamette Valley kale is largely grown for a green feed in winter. Nowhere in the country is it more successfully produced than here. Kale

planted in the spring or early summer will furnish excellent green feed in the fall and winter. In our mild, open climate, it continues to grow during the winter and it is greatly relished by poultry as well as cows. The dairyman depends largely on kale in winter. As much as forty tons of green kale per acre can be grown. It is not uncommon to get heads to weigh 25 to 35 pounds. In feeding to poultry a head is hung up in the yard where they can eat it at will or the chickens may be permitted to run in the kale patch. Green feed, therefore, may be cut all the year around in Western Oregon, and to the practical poultrymen this solves a troublesome problem in feeding. In Eastern Oregon, where the fowls have the run of an alfalfa patch, no other green food is necessary. In winter the dry or cured alfalfa will furnish all demand for a bulky green food and the climate of that section makes possible the curing of alfalfa in a perfect condition.

Oregon, says Prof. Dryden, has as good climate as can be found in the United States, we have as good soils and as cheap feed as any other state and we have excellent markets; in fact, the best in the country are found in the Pacific states. The following table gives the price of eggs on the farm per dozen for 11 months of 1909, taken from the year book of the Department of Agriculture:

	North Atlantic States.	Middle West.	Pacific States.
February	30.3	25.3	34.3
March	25.5	18.5	24.0
April	20.0	15.9	21.8
May	20.4	17.2	21.8
June	21.8	17.4	22.7
July	23.5	16.9	24.1
August	25.7	17.0	25.8
September	27.6	17.3	28.7
October	28.7	19.0	31.6
November	33.1	21.7	35.4
December	38.0	25.1	40.5

Eggs sold at wholesale, in Portland, as high as 55 cents a dozen during the past winter and the lowest price during the last spring was 22 cents. The reason for such high prices for eggs is that the population of the state is increasing faster than the supply of poultry products and also the demand and consequent high price of eggs in Alaska.



YOUNG'S STRAIN S. C. W. LEGHORNS

I HAVE NO OTHER BREEDS

It is acknowledged the world over to be the greatest laying and exhibition strain. I have 500 grand yearling hens for sale now at \$2 per head, and hundreds of cockerels and pullets after Oct. 1st.

D. W. Young : Box 1-A : Monroe, New York

Big Bargains in Reliable Breeders

The breeding season of 1910 is about at an end and we find we have by far the best lot of absolutely reliable line-bred breeding birds we ever had or expected to have. The birds of mediocre class have long since been disposed of and all we have left are the very best specimens of our last two years of breeding. These we offer way below their actual value as breeders merely. All are line-bred for so many years back that they can not fail to produce the A1 exhibition quality that wins at AMERICA'S LEADING SHOWS. The list includes many of our MADISON SQUARE GARDEN, NEW YORK, WINNERS, of which we have a far greater supply than any of our competitors. WRITE FOR PARTICULARS of this greatest sale of

**BRIGHT'S BARRED PLY. ROCKS
BROWN LEGHORNS...**

Grove Hill Poultry Yards

William Ellery Bright, Proprietor
A. C. Smith, Superintendent

Box 410, Waltham, Massachusetts

CONDITION.

Its Value In the Show Room—How to Get It—A Chance for Faking.

Written by Dr. H. F. Ballard.

A CERTAIN number of points are allowed on each variety in the Standard for condition. A judge told me a few days ago that in some shows the score cards provided had no blank or provision for condition. Out of fifty cards which I hold at present by three different judges, not one is cut even a fraction of a point on condition; at least one-third of them should have been, if that section is intended to mean anything. Like symmetry, the way it is used at the present time it is a complete farce. For all the good these two sections are doing they had much better be eliminated from the Standard entirely.

What is condition? What did the Standard makers mean when they put it in? Why did they give it a value of six to ten points when the average judge ignores it entirely? Why have a section, or two sections, taking up twelve to fifteen, or twenty, points on a card which could be much better distributed somewhere else? Why don't the judges use them? I do not mean to answer these questions. I am asking for information.

The first question is the only one I shall try to answer, and I may get that one wrong.

A bird to be in perfect condition should be fully matured; fully feathered; well-fattened, but not too fat and clean.

Look that definition over and see if it does not just about fill the bill. Can you add anything to it without faking? If so, what?

Many young birds are shown that are not well-matured; indeed, this is so common as to be the rule. Not being well-matured, they lack in almost every section, and may be cut in almost every section, when the cause of the defects, all over, is a lack of maturity, a lack of condition, but they are not cut a particle for condition. Then why not throw condition out as a section?

A specimen, lacking maturity, may be poorly feathered, because the feathers are too short, not fully grown; some may not be one-fourth grown, lacking the length of feather, the birds are poor in shape; consequently, they are cut all over for shape, due to their lack of feather. They are in no condition to show, but they are not cut at all for condition, even though that is the whole cause of the trouble. Then throw it out!

A bird may be old enough to be well-matured, but be poor in flesh, being angular, leggy and bony; he is again cut all over for shape, whereas, if he were nicely fattened he would be well-shaped; he is out of condition. The judge slashes him all over for shape, but never a cut on condition, the cause of most of his cuts on shape.

Occasionally, especially in old hens, they may be so fat as to be off in shape. This is not very common, but it is sometimes seen. It affects their shape to a less extent than from being too poor. You never saw a hen too fat that was cut on condition. In fact, condition to many breeders means fat. It means a great deal more than that, or it means nothing. A bird to be in good

show condition must be clean. This applies to all varieties, no matter what the color. The feet, legs, breast and fluffs of birds are especially apt to be dirty, and the man who sends his birds to a show instead of going with them is very apt to be beaten by the man who goes with them to be sure they are clean on the morning they are to be judged. The other fellow's birds may be no better; perhaps they are not as good, but the dirty bird is handicapped from the start, and is very apt to be beaten at the finish. I once saw Charlie Andrews at a show with his White Cochins. They were perfectly white, and especially clean, and Charlie was sitting in a chair in front of them to

the right length, but they will not stay there. At least none I have ever been able to buy did.

But the most common feather-pulling is on account of color. It has been a long while since I raised Barred Rocks, but I see by journals they are still having trouble with black feathers, and occasionally a fellow gets left because he missed one.

I do not believe rubbing a comb with alcohol to make it a little redder is faking, but coloring a white ear-lobe is. I see that some writers claim that a little butter color on the legs to make them yellow is perfectly allowable, but I suppose paint would be a fake.

I have seen birds that were as per-



A familiar scene at Pleasant View Farm, Millersville, Ill. Healthy, happy and glad they are living.

see that they stayed clean till after the judge had passed on them, anyway. No wonder he always won.

The above are all perfectly legitimate elements in the definition of condition. There are a few others which are on the ragged edge between true and false conceptions of condition. The biggest, most common and most doubtful practice used to get good condition is feather-pulling. I believe the pulling of tail feathers in Cochins is very common. Cochins do not grow the kind of tails we see in the ideal cuts that are published. Of course, there is a time at which the tail feathers will be about

perfectly white as they can be grown, cut all over for color because of dirt. Why not cut them on condition, if that is all that is the matter with them? "But that would make a double cut!" You cannot make anything but double cuts out of condition and symmetry if you use them at all. That is the very point I want to make. Either use them according to the Standard, or throw them out entirely.

The Northern Iowa Poultry Association will hold its fourth annual show at Gowrie, Iowa, January 2-6, 1911. C. H. Rhodes, judge; S. R. E. Anderson, Sec'y.

INCREASING SIZE OF TURKEYS.

IT is a fact that turkeys can be bred up to an exceptionally choice quality if you only have common or good grade turkeys. But it is best, in my estimation, to dispose of all your mongrels and breed only from the very best-bred fowls possible.

I am aware of the fact that there are some turkey growers in this country who simply will not buy pure-bred females under any circumstances, but will buy the best males they can find. This, of course, is better than not to venture into pure-bred turkeys at all.

A fine flock of fowls can soon be

great layers. It was not uncommon for the pullets to lay from sixty to seventy eggs each season. There is no question, however, but that breeding up a strain of choice turkeys after this manner is entirely legitimate, but the objection to this method is, it is entirely too slow. To be successful, we must cope with the age. The age today calls for a more rapid system, and we find it in buying a trio or pen, and never at any time consider the idea of building up a high-class flock from mongrels. By starting with pure-bred fowls you will be a number of years in advance of starting with grade stock. If you start with pure-bred fowls it is necessary to purchase a new tom each succeeding

simply useless and should not be tolerated when we consider the present high prices offered for strictly prime specimens. Breeders who cannot afford a well-bred tom have no business tampering with turkey culture. There are several advantages to be gained in the practice of using only breeders that are vigorous and of the best blood lines obtainable, and the one that appeals to me most forcibly is the fact that you can advertise your turkeys and conscientiously recommend them to be as good individuals as grow. Your customers will soon build up faith in your advertisement and eventually provide you a steady income at a nice premium over current market prices. Another feature in favor of buying a new tom is you escape the danger of producing infertile eggs. This alone would justify any breeder in the purchase of a new, well-bred, vigorous tom each succeeding year. Turkeys that are in-bred invariably throw a large percent of infertile eggs. A lot of infertile eggs means a failure in a crop of turkeys the coming season. It is my experience that the most money is made by purchasing a new tom at least every other year, and make the purchase early, before the best toms are all sold. Remember, too, that it is not the largest toms that grow that are most desirable for breeding. Such specimens are not desirable for show birds, but not for breeding. Insist on getting the medium-sized toms for breeding purposes. They are most satisfactory.

J. C. Clipp.

Saltville, Ind.

BORAX WATER FOR CHICKEN LICE.

Of all the remedies I ever tried to keep the chickens free from lice, borax water is the most effective and easiest to apply. The lice seem to breed around the vent and in the fluff, and I used to powder my hens there about once a month. Last spring I wet them with borax water instead of using insect powder, and they were free from lice all summer. In the late fall after they had molted they had lice again. Another treatment with the borax water, and they have been free from lice all winter.

Borax is cheap and one pound will make enough borax water to treat one thousand hens.

Who would not rather squeeze a little water on a hen than to sprinkle her with vile smelling poisonous insect powder?

Mrs. O. E. Harmon.

Liberal, Mo.

Don't overlook the great international show to be held in Buffalo, January 23-29, 1911. Remember that \$50.00 cash will be divided among the exhibiting members of any specialty club making the largest exhibit; this is stirring up great interest among the clubs. This is given in addition to 25 per cent rebate on club members entry money. Stanley A. Merkley, 308 Brisbane Building, Buffalo, N. Y., is the secretary, and he informs us that he has a few more premium lists on hand and will send them to any one who will drop him a post card.

For sixteen years Iowa's one big show has been held at Cedar Rapids. The dates for this year are December 26-31. Russel and Shanklin, judges. For premium list, address E. D. Monilaw, secretary, Cedar Rapids, Iowa.



A trio of winners at Pleasant View Poultry Farm, Millersville, Ill., where are raised the best in boys, Collies and White Rocks.

grown by only buying the very best males you can get. The writer knows of a well-known turkey breeder in Kentucky who started out in turkeys with mongrel hens, and purchased the very best males he could get every year until he built up one of the finest strains the world has ever seen. In fact, his fowls today are recognized as the leading turkeys of his section. The writer has seen them on their native grounds, and to my surprise I never saw a more uniform size and color as I saw there. Their markings were almost ideal, very large bone and frame, with almost ideal shape. Not only were they good in the above mentioned points, but were really

season, and you had just as well have pure-bred fowls as grade turkeys.

True, you may some season manage your flock so as to not be compelled to buy a new male, but as a rule turkey-breeders, in order to keep up vitality, must necessarily head their pens with new males, as the in-breeding of turkeys is quite different from most any other fowl. They simply will not stand in-breeding. There is nothing, to my knowledge, that will work disaster to a flock of turkeys as quickly as the practice of in-breeding.

The price of a good, well-bred tom is in the reach of every turkey-grower, and the breeding of related birds is

A WRONG START.

I am going to tell you how I made a wrong start with chickens. I got the chicken fever about four years ago. The first wrong done was to buy the common or barnyard fowl, but think there are some good barnyard chickens that are good layers, but there are more poor ones. I don't know what Standard breed poultry is, because I never owned any only a Leghorn rooster, and I don't think he was up to the Standard. Now this means I want you to start with Standard poultry, then you will have all of the same size and color, and I think they are better layers and are therefore worth more than the barnyard chickens. And that is what all the Standard bred poultrymen say (if I may call 'em so). After I had bought these chickens I thought they were coming out of the eggs too slow. I made up my mind to send for an incubator and a brooder and just fire 'em out of the eggs. I sent to many different firms after that incubator and brooder catalogue. (Remember it was in Canada I got my chicken experience.) But now I was in the box. I didn't know which one to send for. They all said they were the best and all had different prices; some were low and some were high, and I had never seen an incubator or brooder, so it was hard to decide which one to buy. At last I sent \$11 to Illinois for an incubator and brooder, because this was the cheapest one. I sent for it in March, and I didn't get it before October. This was a long time to wait, because I wanted to start hatching about in May. The freight and duty were \$8, but I was happy. I had to haul it home 15 miles. I got it started and put in about 100 eggs and I got about 40 chicks. Well, I thought that was all right. I put them in the brooders. It was a hot water tank in bottom, but let me say right here, never buy a brooder with the hot water tank under it or any brooder that heats from the bottom, because that is unnatural to heat the chicks' feet and keep their backs cool, when the back should be warm and their feet cool, and it had a tin can in the center, but that didn't do much good, because they were all crowding for that tin can. It was a 100-chick brooder, but it would be right for about 25 chicks. I am going to start again next summer, but I bet you I will get one that heats from the top. I for myself think hot water is better than hot air or just as good. I had a dugout for a poultry house, but it was nearly always damp. And now, about the result. Out of the first hatch I had one chick left in December, and I started the incubator in March the next year again, and got better results right along until at least I got about 60 per cent. But I raised about 20 chicks out of each batch. I remember one time I fried all the eggs in the incubator—I had turned the flame too high.

E. B. Solie.

POULTRY SCHOOLS.

In holding a poultry school at Barnum, Minn., the Extension Division last month entered on a new line of educational endeavor. The school was held under the auspices of the Farmers' Co-operative Association of Barnum, October 24 to 29. Tickets for the five-day course were sold at \$2 each for individuals, or \$3 for a family. The attendants numbered forty in all; their ages varying from ten to

sixty-one years. They included representatives from five different towns. Regular "school hours" were observed, with the customary recess.

The school was conducted by Mr. N. E. Chapman, of the Extension Division, assisted by Professors Gaumnitz and Lane, of the School of Agriculture, and by Editor Nourse, of the Poultry Herald. On each evening there was a lecture. One evening the public school entertained the poultry school, and on another the poultry school reciprocated the courtesy.

The text-book used, "Bingham's Progressive Poultry Culture," was presented to each pupil by the state, which also supplied note books and pencils, and a copy each of "Egg Money; How to Increase It," and "Chicks: Hatching and Rearing," to every ticket holder. In addition to the valuable instruction imparted during the session, he thus received about \$2.50 worth of books in return for the price of his ticket.

At the close of the session those in attendance organized the Carlton County Poultry Association. This body will hold monthly meetings and will do much to foster the poultry interests of the section. It will also prove a valuable auxiliary to the county fair.

The Extension Division proposes to hold similar five-day poultry schools in different parts of the state, wherever a sufficient number of persons can be found to pay the small fee required for the course.

IF AT FIRST YOU DON'T SUCCEED, TRY, TRY AGAIN.

In looking back over the last two years since we embarked in the full-blooded poultry business, and seeing our many mistakes, will relate a few serious ones, hoping that our experience will help someone who is a new beginner. After having read quite a great deal about full-blooded chickens, decided on the R. Reds, and hearing of a gentleman in our own city who had Reds, we purchased a setting of his best eggs at \$1 per setting, supposed to be from two-year-old hens. Our idea in getting Reds was that we were getting large birds, which were good layers. I think it was eight pullets we raised from this setting. Of course we were very proud of our full-blooded Reds. But being very much worked up over good poultry, we attended a poultry show in Anderson, Ind., the following January, and we were very much surprised to find the chickens we had raised resembled the R. I. Reds very little. They weren't up to the Standard in any one point, but if they had proved to be extra good layers we might have overlooked that, but here they fell down again. So there was one year lost by us not being as familiar with the breed as we should have been, and not buying of a reliable dealer. In the meantime we were taking two poultry journals, which every beginner should have at least one good poultry paper visit him monthly, and none is better than the American. We decided as we had failed the first year to try again. Now comes mistake No. 2. We purchased a setting of eggs at \$3 of a well-known fancier and raised to maturity seven pullets and two roosters, but we soon found we had made a mistake of buying show birds when we were after good layers. Now I have not one word to say against this fancier we bought our eggs of. It was our own mistake, as he advertised show

birds, but I have often thought that perhaps they would have made good layers had we not made the mistake No. 3 of not feeding heavy enough for early maturity. We were raising from 150 to 175 common fowls at this time and having free range for our chickens we let these run with the others instead of keeping them to themselves and feeding properly to develop into early layers. It is my belief that right here is where so many mistakes are made by new beginners, is that of not properly feeding chicks to develop them for early layers. Well, I have sold these seven pullets and purchased six pullets bred to lay, or of the laying strain, and have these mated to a rooster I raised. Now I know enough about chickens to know I need expect no perfect color birds, but I am after layers. What the result will be has yet to be determined, but the chicks I get from this mating shall receive the best of care and be fed for early maturity, after Philo system. Hoping these mistakes shall benefit someone and that I will not have to write of mistakes another year, but that I can write of success, with best wishes for all in the poultry business.

Mrs. C. E. Martin.

If when you remove your birds to winter quarters you find any stunted or deformed pullets, do not give them house room. Dispose of them as soon as possible. At any price you will not profit by keeping them and they never look well. In order to get eggs in winter the fowls must have a variety of good, sound grain, plenty of fresh air and exercise.

Before the pullets are put into winter quarters the house should be thoroughly cleaned and whitewashed. The pens should have from six to ten inches of litter and all grain should be fed in the litter and the birds made to scratch for the most of their food, as the birds will not get as much exercise when penned up as they had on free range.

Be sure to give the birds plenty of fresh air. Do not be in a hurry to close the windows. If your house is built so that no draught strike the birds while on the roosts, you can have the windows open day and night until very cold weather.

HEWES FARM SCORES ANOTHER GREAT WINNING.

At the Grand Central Palace Show held in New York City, November 18-24, Langshans bred at Hewes Farm won first and second cock, second and third hen, second and third cockerel, first and fourth pullet, and cockerel heading first pen. These birds were owned and exhibited by Mr. C. M. Ferry, of New York City, who bought them of Mr. R. A. Hewes, of Crete, Ill., at a very long price. These winnings are published with the full consent of Mr. Ferry and shows that his judgment in buying Hewes Farm stock was not in error. For three years in succession Hewes Farm has not lost a first on cock at Chicago, and has won first, second, third and fifth in 1908 and first and second in 1909. In 1907 showed one cock and one cockerel, won first on both, beating the first prize cock from New York. This is the second time Mr. Hewes has furnished the first prize cock at New York, as well as winners at Buffalo, Boston, Scranton (Illinois State Show) and the nearly clean sweep at the Illinois State Fair this fall. The reputation this farm has for producing winning males is not equaled by any breeder of any breed, and has done more to bring back and popularize this grand breed than all other agencies combined. Look up the large two-colored ad in this issue. This proves the faith Mr. Hewes has in the selling power of the American Poultry Journal.



There Are Few Poultry Keepers In The Land

BUT WELCOME
TALES OF SUCCESS

secured by honest, persistent efforts; and the many letters being received daily by Mr. R. H. Essex, congratulating him on his enterprise, are just so many evidences that the great majority of poultrymen and poultry women appreciate his endeavor. The splendid addition Mr. Essex has just made to his Company by the purchasing of the Cornell Incubator Company of Ithaca, N. Y., completes his reorganization of the Model Incubator Company, which work he began last spring, and with the additional equipment and valuable patents makes the

Robert Essex Incubator Co.

(The name by which it will be known in the future)

The Leading Manufacturers of Superior Equipment for Artificial Incubating and Brooding

Mr. Essex wishes to thank poultry keepers generally for the extraordinary growth they have brought to his business since he secured the Model Incubator Company. It assures him that he possesses the confidence of poultry keepers throughout the country. His ability to supply their needs has now been materially advanced by the purchase of the Cornell Incubator Company, for it completes the organization of a manufacturing Company that produces a most complete line of Incubators, Brooders and Poultry Supplies, including Thermometers and Hygrometers made in its own factory—the only Incubator Company in the world that is so equipped. This purchase also brings together two leading lines of Poultry Remedies and Laboratory Products, with the exclusive rights to manufacture them. It brings together a collection of Incubator and Brooder patents and other valuable rights such as never before have been owned by one firm of Incubator Manufacturers in this or any other country. Told in a few words, it will be clear to observant readers that the ownership of

THE MODEL INCUBATOR COMPANY AND ALL ITS PATENTS THE CORNELL INCUBATOR COMPANY AND ALL ITS PATENTS

places the Robert Essex Incubator Company in a position to offer poultry keepers the best poultry equipment on earth, designed under Patents which do not admit of their use by any other firm. (One of these patents sold not so long ago for \$12,000). It enables the Robert Essex Incubator Company to offer poultry keepers, at the lowest possible prices, the Latest and Best Incubators and Brooders that have ever been placed on the market, and makes it the *most advanced Incubator Company in the world*.

Let us tell you about the man; then let us suggest that you write us about these superior machines. Read what the Leading Poultry Journal Editors of America say about "Bob" Essex:

From *Poultry Monthly*, Syracuse, N. Y.

"The model Incubator is now in the hands of one of the best pilots in America. The purchasing public can feel sure of the most courteous and honest treatment at all times."—D. M. Green, Editor.

From *Poultry Keeper*, Quincy, Ill.

"Absolute reliability can be placed on Mr. Essex and his promises to not only maintain the high standard, but to work along progressive lines. We know of no one who is better qualified for his work."—F. Piggott, Editor.

From *Inland Poultry Journal*, Indianapolis, Ind.

"Mr. Essex knows the incubator business in all its most minute details. He has a line of goods that are well introduced, and they have given good satisfaction to thousands of customers."—Theo. Hewes, Editor.

From *American Poultry Journal*, Chicago, Ill.

"Mr. Essex is well qualified. His motto is 'Be on the square, and make no promises you cannot satisfy.' His thousands of friends know that he has lived up to this in the past, and will continue to do so in the future."

—Jas. W. Bell, Editor.

From *Poultry Herald*, St. Paul, Minn.

"Assuredly the Model Incubator Company has fallen into good hands. If a sincere desire to serve the interests of customers and a remarkable knowledge of incubators and brooders and poultry keeping generally will place that company in the very front rank, there is no doubt it will take that position."

—H. A. Nourse, Editor.

From *Poultry Husbandry*, Waterville, N. Y.

"The experience gained by Mr. Essex' intercourse with the farming community made him so conversant with their requirements that when he turned his attention to the incubator business he knew exactly what they wanted."—W. S. Hawkins, Editor.

Read About The Improvements

that have been made in this Leading Line of Essex-Model Incubators and Brooders before you buy. You will be surprised at their Low Prices and Quality. Ten sizes of Incubators and Five Brooders to choose from, ranging in price from \$7 to \$43, according to your requirements.

You Will Want Our Big Free Catalogue

Write for it to-day. In it Mr. Essex will tell how some people make money and are successful in the poultry business where with equal chances others lose. Besides, you need it in your business. You will save money by getting it, for it will illustrate and describe the most superior Incubators, Brooders and Poultry Equipment that have ever been placed on the market. Address

ROBERT ESSEX INCUBATOR CO., 3 Henry St., Buffalo, N. Y.

From *Commercial Poultry*, Marseilles, Ill.

"Mr. Essex is thoroughly posted in the building of Incubators and Brooders. He has a splendid machine, one that has become popular with poultrymen the country over."—J. J. Schureman, Editor.

From *Poultry*, Peotone, Ill.

"Robert H. Essex has always made good in every work he has undertaken. His reputation for making only promises which he can fulfill will follow him."—Miller Purvis, Editor.

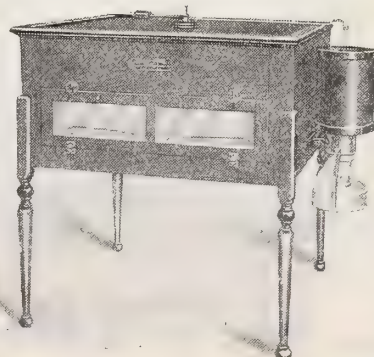
From *Reliable Poultry Journal*, Quincy, Ill.

"Mr. Essex has devoted practically all his time to the study of poultry problems and to practical everyday work in the industry. Few men have enjoyed equal opportunities. He is certain to stand for what is genuine and worth while in the poultry business."—Grant M. Curtis, Editor.

From *Canadian Poultry Review*, Toronto, Can.

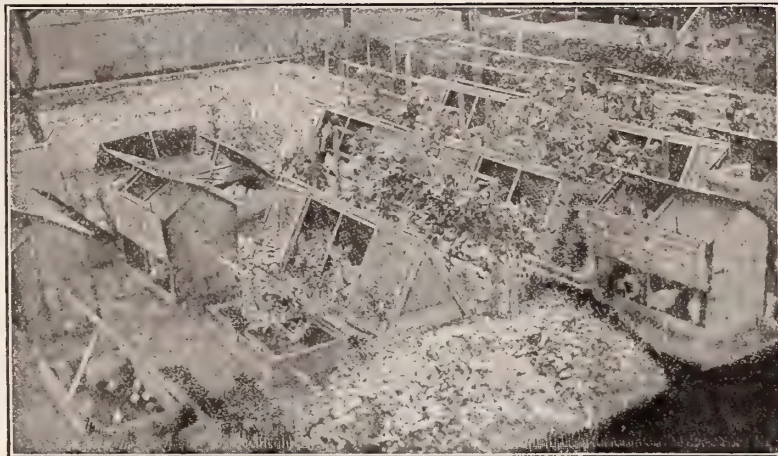
"His lengthy experience, added to the practical knowledge of poultryraising should make success. Mr. Essex' knowledge of 'chickens' is not theoretical, and we may look for a better Model than ever before."

—H. B. Donovan, Editor.



A LIVING FR

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



The Philo System Is Unlike All Other Ways of Keeping Poultry and in many respects just the reverse, accomplishing things in poultry work that have always been considered impossible, and getting unheard of results that are hard to believe without seeing.

The New System Covers All Branches of the Work Necessary for Success

from selecting the breeders to marketing the product. It tells how to get eggs that will hatch, how to hatch nearly every egg and how to raise nearly all the chicks hatched. It gives complete plans in detail how to make everything necessary to run the business and at less than half the cost required to handle the poultry business in any other manner.

Two-Pound Broilers in Eight Weeks

are raised in a space of less than a square foot to the broiler without any loss, and the broilers are of the very best quality, bringing here three cents a pound above the highest market price.

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Three months' old pullets at the School Farm

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Philo System

Don't Let the Chicks Die in the Shell

One of the secrets of success is to save all the chickens that are fully developed at hatching time, whether they can crack the shell or not. It is a simple trick and believed to be the secret of the ancient Egyptians and Chinese which enabled them to sell the chicks at ten cents a dozen.

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Testimonials

South Britain, Conn., April 19, 1909

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—I have followed your system as close as I could; the result is a complete success. If there can be any improvement on nature, your brooder is it. The first experience I had with your system was last December. I hatched 17 chicks under two hens, put them as soon as hatched in one of your brooders out of doors and at the age of three months I sold them at 35¢ a pound. They then averaged 2½ lbs. each, and the man I sold them to said they were the finest he ever saw and he wants all I can spare this season.

Yours truly,

A. E. Nelson.

Elmira, N. Y., Oct. 30, 1909.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—No doubt you will be interested to learn of our success in keeping poultry by the Philo System. Our first year's work is now nearly completed. It has given us an income of over \$500.00 from six pedigree hens and one cockerel. Had we understood the work as well as we now do after a year's experience, we could have easily made \$1,000.00 from the six hens. In addition to the profits from the sale of pedigree chicks, we have cleared over \$960.00 running our hatchery plant consisting of 56 Cycle hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are,

Very truly yours,
(Mrs.) C. P. Goodrich.

Special Offer Send \$1.00 for one year's subscription to the **POULTRY REVIEW**, a monthly magazine devoted to progressive methods of poultry keeping, and we will include without charge, a copy of the latest revised edition of the Philo System Book.

E. R. PHILO — 14 LAKE S

M POULTRY

The Poultry Review

*A Monthly Magazine Devoted to Progressive Methods
of Poultry Keeping*

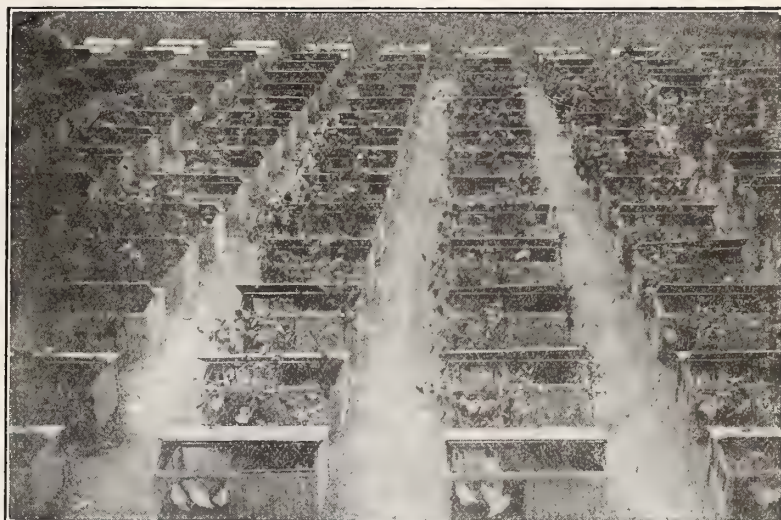
The POULTRY REVIEW is edited by E. W. Philo, author of the Philo System Book and founder of the Philo National Poultry Institute. It is edited and printed on a practical poultry farm, where experiments are being conducted and reported in full in the REVIEW. New discoveries and improvements are described and illustrated, and each issue contains a number of letters of experience and suggestion from followers of the Philo System.

Rev. W. W. Cox, our associate editor, is conducting a Philo System Plant, and his "Notes from a Six Hen Plant" in each issue have created considerable interest, and contain much valuable instruction. The first year's work on this plant netted over \$500.

In addition to the best original articles it is possible to obtain, a review of the best articles from over a hundred publications is made—the "cream" of the poultry press arranged for the busy reader.

Another thing that is proving of great value to our subscribers is our Information Department. Our editors are always ready to help subscribers. When any difficult problem arises and you see no way of solving it, write us, and we will give you a prompt personal reply. It is quite probable that we have had a similar experience and can help you. Although no charge is made for this service, it is worth many times the subscription price.

For 1911 the POULTRY REVIEW guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class or poultrymen in every state and over thirty foreign countries.



Photograph taken from the roof of the Philo National Poultry Institute, showing a portion of the poultry plant

TESTIMONIALS

E. R. Philo, Publisher Poultry Review, Elmira, N. Y.

Dear Sir:—Of all the poultry journals I take, I would fail in all rather than in the Review, as I really like your paper the best of them all. Now I do not say this to curry favor, nor for any other purpose, because I really like your paper for the pithy and sound articles. There is no dry reading in it as there is in other poultry journals, such as accounts of poultry shows that do not really concern any one but those who are written about. I do not think that any one in any part of the country cares who wins and who does not. It is all right in a local show, written and published by a local paper. Well, success and great success for the Review, and I hope to receive it regularly in the future.

Very sincerely yours,

R. G. Wetmore.

905 Douglas St., Greensboro, N. C.

Feb. 12, 1910.

Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The Review came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.

Yours for success,
Milton Norman.

See Special Offer on Opposite Page

Box 214, Medicine Hat, Alta, Can., April 16, 1910.



Sunflowers are planted along one side of the coops to provide temporary shade

ET ——— ELMIRA, NEW YORK

A LIVING FARM FROM POULTRY

\$1,500 from 60 Hens in Ten Months on a City Lot 40 Feet Square



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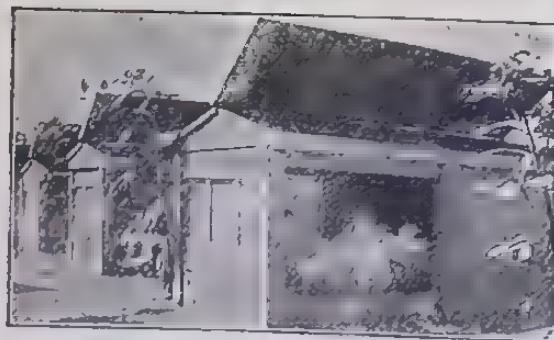
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Elmira, N. Y., Oct. 30, 1905.

Mr. E. R. Philo, Elmira, N. Y.

Dear Sir:—No doubt you will be interested to learn of our success in keeping poultry by the Philo System. Our first year's work is now nearly completed. It has given us an income of over \$500.00 from six pedigree hens and one cockerel. Had we understood the work as well as we now do after a year's experience, we could have easily made \$1,000.00 from the six hens. In addition to the profits from the sale of pedigree chicks, we have cleared over \$960.00 running our hatchery plant consisting of 56 Cycle hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are,

Very truly yours,

(Mrs.) C. P. Goodrich.

Special Offer Send \$1.00 for one year's subscription to the *POULTRY REVIEW*, a monthly magazine devoted to progressive methods of poultry keeping, and we will include, without charge, a copy of the latest revised edition of the Philo System Book.

The Poultry Review

A Monthly Magazine Devoted to Progressive Methods of Poultry Keeping

The *POULTRY REVIEW* is edited by E. W. Philo, author of the Philo System Book and founder of the Philo National Poultry Institute.

It is edited and printed on a practical poultry farm, where experiments are being conducted and reported in full in the *REVIEW*. New discoveries and improvements are described and illustrated, and each issue contains a number of letters of experience and suggestion from followers of the Philo System.

Rev. W. W. Cox, our associate editor, is conducting a Philo System Plant, and his "Notes from a Six Hen Plant" in each issue have created considerable interest, and contain much valuable instruction. The first year's work on this plant netted over \$500.

In addition to the best original articles it is possible to obtain, a review of the best articles from over a hundred publications is made—the "cream" of the poultry press arranged for the busy reader.

Another thing that is proving of great value to our subscribers is our Information Department. Our editors are always ready to help subscribers. When any difficult problem arises and you see no way of solving it, write us, and we will give you a prompt personal reply. It is quite probable that we have had a similar experience and can help you. Although no charge is made for this service, it is worth many times the subscription price.

For 1911 the *POULTRY REVIEW* guarantees the largest circulation of any paper of its kind—over 100,000 copies monthly, reaching the best class or poultrymen in every state and over thirty foreign countries.

TESTIMONIALS

E. R. Philo, Publisher *Poultry Review*, Elmira, N. Y.

Box 214, Medicine Hat, Alta, Can., April 16, 1910.

Dear Sir:—Of all the poultry journals I take, I would fail in all rather than in the *Review*, as I really like your paper the best of them all. Now I do not say this to curry favor, nor for any other purpose, because I really like your paper for the pithy and sound articles. There is no dry reading in it as there is in other poultry journals, such as accounts of poultry shows that do not really concern any one but those who are written about. I do not think that any one in any part of the country cares who wins and who does not. It is all right in a local show, written and published by a local paper. Well, success and great success for the *Review*, and I hope to receive it regularly in the future.

Very sincerely yours,

R. G. Wetmore.

905 Douglas St., Greensboro, N. C.
Feb. 12, 1910.

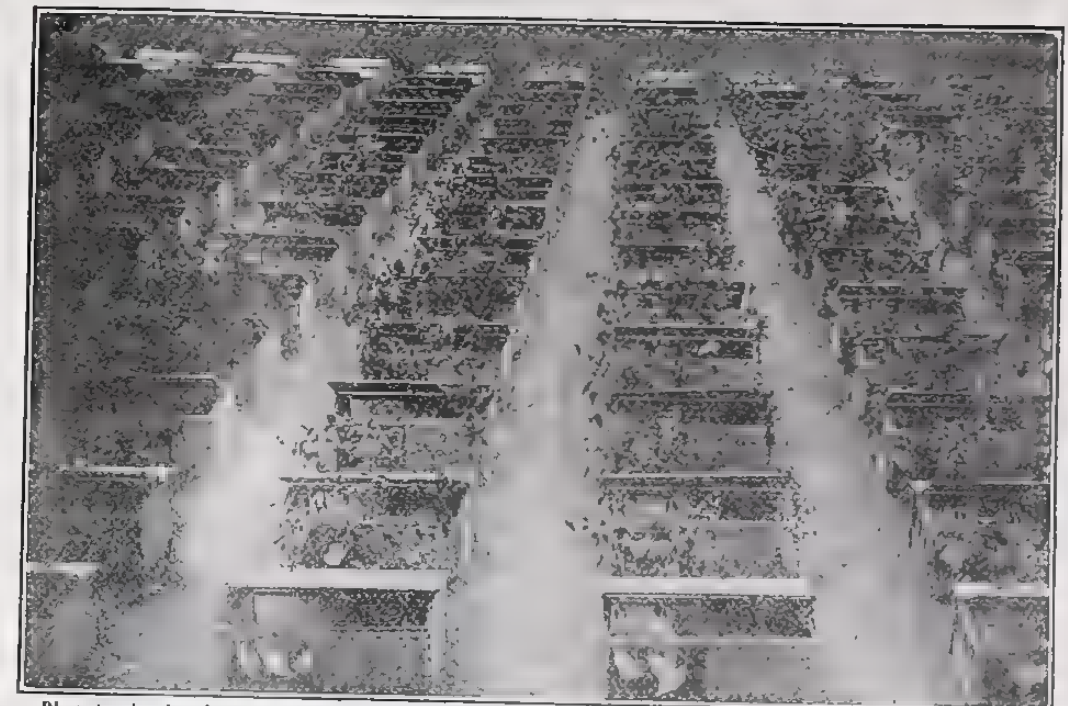
Mr. E. R. Philo, Publisher,
Elmira, N. Y.

Dear Sir:—The *Review* came in its new dress today; quite an improvement in looks, and I am much pleased with it, as it tells you what you wish to know in a few words.

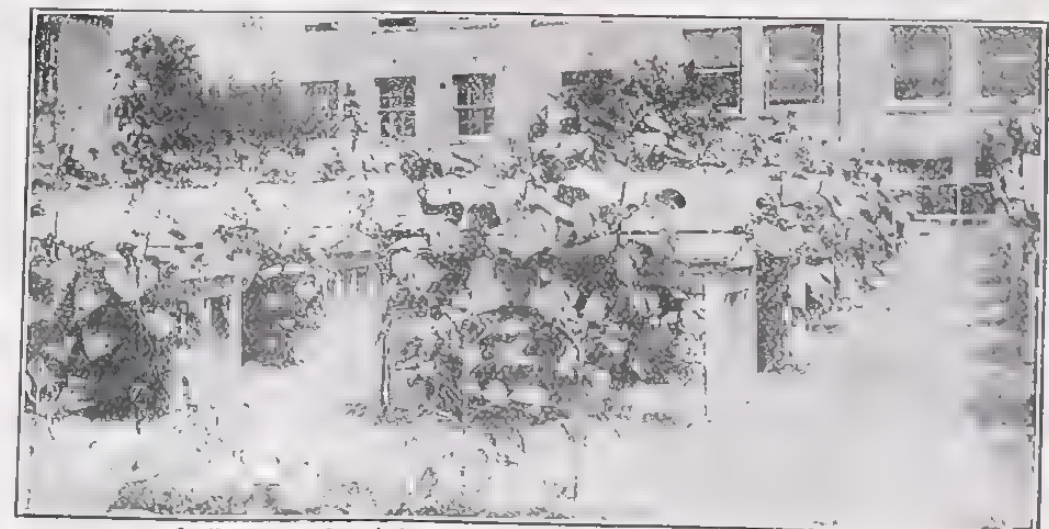
Yours for success,

Milton Norman.

See Special Offer on Opposite Page



Photograph taken from the roof of the Philo National Poultry Institute, showing a portion of the poultry plant



Sunflowers are planted along one side of the coops to provide temporary shade

E. R. PHILO — 14 LAKE STREET

ELMIRA, NEW YORK

GOOD TO KNOW

By C.W. Zimmer

This department is open to all readers and advertisers in the central territory, and they are invited to send in all poultry news items that come to their attention

Merry Christmas.

* * *

A. H. Tryon, manager of Tannenbaum Farms, Willoughby, recently visited in New York city. Mr. Tryon reports a long list of winnings this fall on both their Barred Rocks and Columbian Wyandottes.

* * *

Our Lady of the Snows, the phenomenal White Orpington hen owned by Sunswick Poultry Farm, South Plainfield, N. J., was again crowned with victory by winning the sweepstakes cup at Hagerstown.

* * *

Words were invented for the purpose of transmitting our impressions to others. If you have the impression that you have good stock and that the price you ask for them is reasonable, why don't you use some words in a forceful ad and let our 65,000 readers know just how good your birds are, what you think of them, and what you want for them? Don't you believe if you told them this in a convincing way that you would make some sales? Well, why don't you try?

* * *

If we ask more, we give more.

* * *

A minute of judgment is worth a day of energy. Better use good judgment now and place your ad in A. P. J.

* * *

It is not the age of a man, it is the man.

* * *

Come in with a strong ad and let the world know about you.

* * *

A man who can find nothing to do generally hunts with great caution. The man who can't get results from advertising is likewise too cautious about the amount of space and force he puts into his advertising.

* * *

Don't make excuses—make good. That's what A. P. J. does. Be bigger than your troubles.

* * *

A good ad should do three things—inform the public who you are, where you are, and what you have for sale. An ad in A. P. J. does more—it gets results. See that your ad is definite, to the point, and convincing.

* * *

Our friend Theo Hewes in the October issue of the Inland has some flights of imagination that are truly remarkable. We wonder if it was a St. Louis balloon or a Curtis, Wright, Balfore aeroplane that did the stunts at Belmont park that assisted him. In any event, he has lost his title of "Gloomy Gus," for he was seeing, in imagination, Mr. Burbank's roses, as well as "prize winners" galore and a few other things. He saw some considerable, anyway. We trust he has landed safely and will remain with us ordinary mortals yet a while. Imagine Theodore with wings! Ha! Ha!

* * *

A new use for defunct roosters—

send them to the art department to be used as models for embroidery designs. All the rage now.

* * *

Chantier—just a fancy name for a darned old rooster.

* * *

"That poor little Jones boy must 'a' took after both his parents," said Aunt Samantha. "One was chicken-hearted and t'other was pigeon-toed."

* * *

Why should a favorite hen be called Macduff? Ans.—Because we wish her to lay on.

* * *

Why should cocks be the smoothest birds known? Ans.—Because they always have a comb about them.

* * *

What is the difference between a hen and an idle musician? Ans.—One lays at pleasure and the other plays at leisure.

* * *

How is a poultry dealer compelled to earn his living? Ans.—By fowl means.

* * *

What bird is in season all the year? Ans.—The weathercock.

* * *

Have you noticed our two-color ads this month? Don't they look fine? Do you want us to continue this two-colored section? If so, write in and get in line yourself. The A. P. J. is run in the interest of its readers and advertisers. Anything you want, you shall have. Let us hear from you.

* * *

The River Home Poultry Yards, Perrysburg, Ohio, have just received another car loaded with the Norwich automatic feeders and exercisers, for which they are the general distributors for the central part of the United States. They have been having a tremendous sale of these feeders during the past month and have had great difficulty in getting feeders from the factory fast enough to supply their demand. Orders have now been placed for another carload to be shipped about the first of December, in order to take care of the growing demand for these machines.

—o—

The hobo arrested for stealing chickens was pleading for pity.

"It's dis way, yer honor," he whined. "I don't git no chance. Everybody's again' me—dey're all conspirin' to keep me down."

The judge beamed benevolently. "Well, nobody shall say that I joined in that conspiracy," he said. "Trying to keep you down, are they? Well, they shan't do it. 'I'll send you up.'—A. B.

—o—

The annual meeting of the American Single Comb Brown Leghorn Club will be held at Buffalo, N. Y., Saturday, January 28, 1911, at 2 p. m., and members are requested to send in the names of their candidates for officers for the coming year. Address E. W. Staebler, secretary, West Park, Ohio.

C. W. SIXT REPLIES TO DR. BALLARD.

In the October number Dr. H. F. Ballard criticised my article on line-breeding in the September number. He says I made a very big mistake when I disposed of the male and all his chicks after discovering his poor breeding qualities. He says that if the man who "bought him and all of his chicks" had mated him back to his own pullets the next season he would have raised something that would have beaten my flock "all hollow." He says it ought to be known by all breeders that the first outcross in getting new blood is nearly always a seeming mistake. Now, Doctor, if you will read my article again you will see that I fully agree with you in regard to the first outcross in getting new blood being a disappointment, for I stated in this article that I believe it is a good idea to test the new blood three years instead of two. But that does not mean that if you discover something very bad the first year you should not discard the bird. Now I wish to say that the bird showed me something after he molted that convinced me that he was a very poor breeder, and I also wish to say that I sold him and his chicks to the butcher, as I would not be guilty of selling a bird like this one for breeding purposes; and that is just what learned me the lesson, viz., be sure to test the new blood for at least two years before introducing it into your whole flock.

Now, Doctor, I believe you will agree with me that it is possible for a bird to appear to be good in all sections and yet be a very bad breeder and one that would ruin your whole flock, for it may be a Wyandott pullet with a single comb and good enough in shape to pass as a Plymouth Rock and also good enough to win. Now do you really think this bird would be a good one to introduce new blood into a strain of Plymouth Rock? I think not.

SHE TOLD HIM ALL.

A good story is going the rounds about a drummer and a pretty waitress. Here is what happened, according to the report:

The pompous poultry editor glanced at the menu and then looked at the pretty waitress. "Nice day, little one," he began.

"Yes, it is," she answered; "and so was yesterday; and my name is Ella, and I know I'm a peach, and have pretty blue eyes, and I've been here quite a time and like the place, and I don't think I'm too nice a girl to be working in a hotel; if I did I'd quit my job; and my wages are satisfactory, and I don't know if there is a show or dance in town tonight, and if there is I shall not go with you; and I'm from the country, and I'm a respectable girl, and my brother is cook in this hotel, and he weighs two hundred pounds, and last week he wiped up this dining room floor with a fresh fifty-dollar-a-month traveling man who tried to make a date with me. Now, what'll you have?"

The pompous poultry editor said he was not very hungry and a cup of coffee and some hot cakes would do.

—o—

Why are fowls the most economical thing a farmer can keep? Ans.—Because for every grain they give a peck.

LETTERS from our SUBSCRIBERS



Editor American Poultry Journal.

Dear Sir: I have been very much interested in the articles written by the readers of your journal of their success as poultry raisers. I think I have accomplished quite a little in that line in the last two years, and think these writers and other poultrymen would like to know of the record I have made.

I have only a city lot thirty feet wide, and two years ago I bought seven pullets, and later two more pullets and one cockerel—Single-Comb Rhode Island Reds. I bought these of Willard I. Smith, of Detroit, and attribute a fair share of my success to getting good stock to start with. I bought just to get eggs for table use. I realized that good stock eat no more than mongrels, and the best would also make better layers. They began to lay in November. February 21, I hatched twenty-one chicks, which were some of the best I hatched that year.

In the fall—after selling, killing and taking out the culls—I had thirty-six hens and pullets left for the winter. In September I entered several in the Michigan State Fair, and the result was decidedly encouraging. I took the following premiums:

First premium on cockerel.

Second premium on breeding pen.

Third premium on cock.

The judging was by comparison, and under Judge Travers.

In January I entered several in the Detroit Poultry Show, and again won third on cock, under Judge McCord, by score card. I had a number of calls for stock, but decided to keep all I had for breeding purposes.

In January twenty-eight were laying and gave me 603 eggs. All were laying in February, and gave me as follows:

	Eggs.	Expense.	Income.
January	603	\$ 9.45	\$ 23.01
February ...	520	5.53	30.25
March	669	13.90	23.30
April	649	9.87	22.00
May	508	17.79	12.95
June	445	14.20	23.15
Total ..	3,394	\$70.74	\$134.66
			70.74

Profit \$ 63.92

This shows a profit of \$63.92, after raising nearly 400 chicks. Three thousand three hundred and ninety-four eggs in six months from thirty-six hens.

Eggs were selling for 50 cents per dozen in January and February, so I sold while getting my pens ready. I often gathered twenty-eight and thirty eggs per day, one pullet laid eighteen successive days, then skipped one day, then laid fourteen days again.

I did no advertising, having decided to hatch and sell chicks; only sold settings as called for; for these I received \$2 and \$3 per setting. I sold about

200 chicks at 30 cents each. At present I am selling broilers and culls; am getting \$1 each for cull pullets. I have on hand about 300.

I intend to winter 200 this year. I cull out any that does not give promise of becoming a good bird, and have a flock of fine birds.

I have one pullet that began to lay at 5 months and 4 days old; have several now laying that were hatched March 14.

I have built a new poultry house after the Corning plan. On the second floor I keep a litter six or eight inches deep. The house is 30x22, with runways. I have had no disease to contend with—due, I think, to cleanliness. The dropping boards are kept clean,



Third Pen Cock, Indianapolis, February, 1910. Quality White Wyandottes. Pangalow Farm, Indianapolis.

also drinking fountains. I use diluted carbolic acid for spraying, and keep no lice. I buy only the best grain for feed—wheat, oats, cracked corn—and mix as I require it. I also buy some mixed feed for variety. This feed is all thrown in the litter, to make them work. I also buy millet seed, as they greatly relish it. Bran mixed with grit, charcoal, gristle and linseed meal is always before them. Once a week green ground bone is mixed with the bran.

At night they have all they can eat, so they go to roost with full crops. I feed them sprouted oats at noon, hang up cabbages for them to jump for, thus giving them extra exercise. The drinking fountains are all removed at night to prevent them from drinking the tainted water in the morning. This I consider a good disease preventive. I have done so well and have such a good stock that I have decided to make a business of it, and shall soon begin to advertise.

If any of the readers have made any

better records with Single-Comb Rhode Island Reds (I know one cannot do any better with any other kind) I would be glad to hear from them.

Mrs. Henry Keenen.

Editor American Poultry Journal.

Dear Sir: In your issue of July, first page, appears an excellent article by Dr. H. F. Ballard of Illinois, wherein he takes occasion to poke a little fun at the "Common People," and rather seems to try to throw a scare into the buyer who wants something for his money.

While there seems no doubt but that occasionally the producer does have to overcome an attempt at imposition on the part of the buyer, yet I have a great deal of sympathy for the man who pays his good money for something he does not get.

Originally I felt that the custom "cash with order" and nothing sent c. o. d. was rather stiff and a little unreasonable, but since I have cut a few eye teeth I can see how it is the salvation of a great many shippers.

I have had some experience in buying eggs myself and I assure you, and incidentally the Doctor, that had I have had anything like the results that his man had, i. e., five good chicks from one hatch, I would have considered myself in luck; but with me, after sending a much advertised breeder five dollars for a setting of eggs I received fifteen nicely done up in cotton, ranging in size of less than one ounce to one weighing a little more than two ounces, some of them extremely dirty and one with red paint upon it. Out of this lot (it would be wrong to call it a setting) my hen hatched three, the others were infertile or stale. Two never lived to get out of the nest while the third lived only three or four days with the best of care.

Upon my reporting the matter to the gentleman (?) he did condescend to write upon the margin of my letter, which he returned without further answer, the statement that "every year one or two people try to beat us, etc.," and at that did not have nerve enough to sign his name.

When I protested the dirty condition of the eggs, all showing lack of care, he informed me that the eggs were from imported birds and that I would "have to blame the English." Do English birds lay dirty eggs as a rule, with a wide range of color and size?

Since then he does not give my letters any attention at all, although I know he received them, as they were registered and I have his receipts, with all correspondence intact.

In the September issue is practically the same complaint, providing always that the charge is true; and here the subscriber asks what he shall do. I suppose he will do as I did when I ordered a shipment of "day-old" Plymouth Rocks and got four or five varieties, mostly Leghorns, with some that should have been ashamed of the mix-up in their line of parentage. I kept still and ordered from another and apparently more reliable dealer, sending money in advance, of course, and he went broke, so I got nothing this time—probably a little better than the first, as I did not have the trouble raising a lot of scrubs.

I bought 100 incubator eggs, 11 per cent of which were fertile, while a lot of control eggs in the same machine hatched well, thus eliminating the ma-

chine as being at fault. Again, I bought a machine full of White Wyandottes and got a good hatch, but including two chicks having the appearance of being Barred Plymouth Rock crosses. True, these last two were not advertisers, and the gentleman who furnished the eggs which hatched 11 per cent offered to refund the price; but I accepted only half, as I was willing to stand for some of the risk myself. Again, in March I visited the plant of one of the largest breeders in his line—if not the largest, he certainly is one of the largest advertising breeders. At that time I had in my possession one of his catalogues, wherein he states that all his hens are trap-nested; and still, after looking in vain for such a nest, I asked the attendant who conducted us over the plant about the nests, and he assured me that none were used, and I most certainly saw hens laying in ordinary boxes. Since I

thirty pullets from an eastern firm. They are all anyone could expect, being good, healthy, vigorous youngsters.

In reply to the query as to what can or should be done to shippers who do not give one what he pays for, I believe that if the journals would take a decided stand against such frauds and those who practice them, it would help very much, although it would possibly cripple the finances of such journal for a short time, but at the same time would put the reputable man and the business on a more secure footing.

I believe that if the subscriber will look the matter up and get his material in shape, that an appeal to the postal department will have a salutary effect. I do not know whether it has ever been proposed or not, but I will be one of a number to organize an association to look after such affairs and to bring the guilty to task. In that way it would do away with the excessive cost

eggs, it has been my fortune, good, bad or otherwise, to have been brought in contact with a few people who were about to order from him, accepting his word at face, when a simple statement of facts that I can fully prove decided them to leave the money where it was safe from the inroads of such gentlemen, to whom a highwayman's method would be a credit, although a little crude.

I have heard the question asked as to the amount of heat an egg will stand and hatch. Allow me to relate an incident in the chicken raising experience of two friends. They had a bad case and bought a little round hatcher of metal—those of you who have one will recognize it, I suppose—and filled it with store eggs.

One afternoon, upon visiting the incubator "cellar" in the garret, they found the temperature 110 degrees, turned the lamp out for the machine to cool—forgot it, of course, till next morning. They broke a few eggs—some two or three—to see if there was any life left in them; found there was; transferred them to hens, and hatched thirteen chicks from an original total of fifty. The number thirteen was evidently lucky, as they lost none that I know of from any cause, except two or three from a cat. The time that the thermometer stood at 110 degrees was unknown, but it was supposed to have been for some time.

Evansville, Ind. J. R. Mitchell.

Editor American Poultry Journal.

Dear Sir: In reading different poultry papers I find a great many are losing young chicks from what appears to be an unknown cause. Perhaps my experience will benefit some readers.

I had a few that became afflicted and died before I knew it almost. They seemed all right one day, the next they were stupid, the next dead, with no apparent bowel trouble either. I caught one that was affected and found its crop filled to its full capacity with water and very little grain. It has been very hot this season, so I concluded the chick had become feverish from the intense heat and drank more water than it was able to take care of, causing the grain it had eaten to sour and ferment in its crop, forming a gas which soon put it down and out. I treated them by holding them up by the feet, letting its head hang down and gently forcing the overdose of water out of its mouth. After I had all the water out that was possible to get out, I gave it water in which I had previously dissolved common baking soda, about two or three teaspoonsful of the water, after which I gave a good dose of castor oil and took it away from the others to keep it from being jostled and trampled.

I also had a few that seemed crop-bound. Those I gave castor oil and gently worked the crop until soft, which usually remedied that. I also gave a solution of extract of logwood in the drinking water. It seemed to quench the undue thirst; it also acts as a disinfectant, preventing bowel trouble.

I dissolved about one-fourth of a 10c package in one quart of water against one teaspoonful to a quart of drinking water. Since using the above treatments I have scarcely lost a chick. The trouble with most people is they wait to see if the chick will get well of itself, which it seldom does, and then begin to doctor a chick past help. My experience is, don't



PRIDE OF MEMPHIS.

First S. C. Black Minorca Cockerel at Memphis. Bred and owned by Charles G. Pape, Ft. Wayne, Ind.

did not buy anything from him, and his little play does little actual harm, I feel that I have no case; but how about the fellow who pays him a good price for eggs which, while they may be from the pens he advertises, are not from trap-nested hens.

With it all I have had some very pleasant experience with egg sellers, as, for instance, the man who offered to refund. It was a pleasure to deal with him, as the poor quality of the eggs was due to unlooked-for circumstances; as soon as discovered, the mischief was corrected, so far as was within his power.

Again, I bought White Plymouth Rock eggs by the hundred all last spring, and got good hatches of strong, vigorous chicks.

Again, I received a shipment of

to one person but give all members the benefit of its prestige. Prosecution of a few, with the consequent exposure, would greatly help the morals of those needing it.

In my own case I have every reason to believe that the Journal has made heroic efforts to have the matter righted, but it seems that there is nothing more to do but use drastic measures. I have all of my evidence in documentary form and in such shape that it can be readily presented to the postal authorities, should the gentleman from Ohio force me to do so.

I dislike a knocker at any time or place, but I suppose one who helps along the legitimate should be called a benefactor by all but the man whose methods are, to say the least, questionable; but in my case, with the \$5

wait, but go after them as soon as you see they are not right and you will save most of them.

C. F. Hunt.

San Antonio, Texas.

Editor American Poultry Journal:

Dear Sir: I have read much where people talk of their spring chickens laying at 6 months old. Well, I can beat that. I had a hatch come off March 9, 1910, and they commenced laying July 21, 1910. Do you think that is good? I do; and they are laying right along.

Mrs. S. Hampson.

Zion City, Ill.

Editor American Poultry Journal:

Dear Sir:—I do not wish to condemn any breeder nor any variety of fowls, but whenever they talk the (300-egg-per-year) hen to me I simply ask them to prove their statement. I do not claim the 300-egg-per-year hen, but I do claim that, under the same conditions the White Plymouth Rock will produce as many eggs as any strain of fowls in the world, and to prove my statement I am going to suggest that we hold a contest in Chicago from January 1, 1912, to April 1, 1912, (open to the world) for the purpose of determining which fowls are our greatest egg producers.

Let each breeder who wishes to compete deposit \$25.00 with the president of the American Poultry Association, same to be used for carrying on the contest and defraying expenses. Each breeder to pay all express charges on their birds to and from Chicago. Each breeder to send six females and some one to care for them and to see that he gets fair play. A record shall be kept for each pen and at the end of the three months the pen showing the greatest average egg yield shall be awarded the prize, and what money is left after paying keeping expenses of the birds, shall go to the owner of the winning hen.

Let us hear from some live ones who are willing to compete and demonstrate the ability of their birds as egg producers. As for me I do not think some people realize the importance of having good egg producers, as too often this most important point is overlooked in our effort to breed for form and feathers. I think this can be made a most interesting contest, so let us hear from all breeders who are interested in egg production as well as fancy points.

C. M. Reynolds.

Fullerton, Neb.

Editor American Poultry Journal:

Dear Sir: I read your interesting paper every month and notice you print experiences of your subscribers, therefore I offer mine. I breed Rhode Island Reds, and took off my first hatch April 15. They have had thirty-two acres range, shaded by orchards, and were fed mostly wheat. A week ago the pullets were placed in a new curtain front scratching shed house and four days ago one of them laid a small brown egg. August 5 two others started laying.

I have bred poultry for a number of years and never knew anything before so remarkable as pullets laying at an age of three months and three weeks. I had been planning to hatch my pullets so they would commence to lay about October or November, and now I am afraid they will moult when I need the eggs.

They have never been sick a day, have grown rapidly and are very tame.

I fed bread crumbs for the first meal

and then alternated pin-head oatmeal. I fed five times a day and never fed the same feed twice a day until they were four weeks out, then it was mostly wheat. I also used a prepared chick food, oat flakes and cracked wheat.

My pullets can be seen on my farm at North Coshocton, N. Y., (Steuben county) and I would be pleased to show them to any of your readers who may be in this vicinity. They are certainly a wonderful breed.

E. L. Kimball.

Rochester, N. Y.

Editor American Poultry Journal:

Dear Sir: As a subscriber to your magazine I am taking the liberty of addressing you regarding a matter which has long been on my mind, but in which I have always felt that I had

iously awaited the coming of the next number, that I might learn of the latest thought in the world of poultry. And now I am about to reach the point which first brought me to take up the subject with you and assume to ease my mind as to a very distressing condition of affairs among the apparent friends of the "feathered tribe."

In the anglicized words of the immortal Burns,

"Oh, that someone the power would give us

To see ourselves as others see us."

As mudslingers and muckrakers, it seems to me the poultrymen are in a class of their own; the least fervid among them has the wielder of the "big stick" "backed off the boards."



LITTLE BOY BLUE.

Winner of first cockerel at Polo, Ill., 1909. Bred and owned by W. H. Hoover, Polo, Ill.

no concern, as I am what might be termed a "rank outsider" and one meddling in that which did not concern him.

For many years I have longed to join the ranks of the poultry raiser, but it has been but recently that I have found my way clear to purchase a small place and put it in the hands of a manager to take care of and thus be considered one of the rank in the great army of poultry lovers. As a preliminary to doing a good job of it, I subscribed to several of what I considered the foremost poultry and farm papers, this after perusing a great many publications. Many an evening have I spent pouring over the pages of these various periodicals, and I always anx-

First, the editors take a gentle poke at one another, and for fear the intended "target" might be deaf, dumb and blind, his name gets a sufficiently prominent place in the article to prevent any misunderstanding as to whom the "load" is intended for. No "fuel" is spared, and the victim gets finished to a "frazzle." All the words in the vocabulary fit to appear in public print are called to his command, and the iconoclast is "teddized" to a finish. The editors may be occupying the center of the stage in this give-and-take game, but they have not entirely excluded others from the "show." Next we find the members of some specialty club going it "tooth and nail," each bent on carrying off the other's scalp

after the warfare has ceased. These likewise are not less "gentle" than their worthy "teachers," and so they lambast one another until it ought to make any sensitive person heart-sick.

Articles have appeared in the various magazines which come before me which I am actually ashamed to have other members of our family read—not, of course, because of any indecency in language, but rather the evidence of the smallness of spirit which would cause one to so appear in public print regarding another. It is my privilege in the line of business in which I am engaged to read a great number of trade publications, and I have yet to find one line in which the antagonistic spirit prevails as it does among the raisers of the great "American bird."

Must these things be?

Wishing your magazine continued success and begging the privilege of suggesting that you can, if you will, join with that deservedly famous American in saying "Let us have peace."

St. Louis, Mo.

L. W. Flint.

Editor American Poultry Journal.

Dear Sir: In the question and an-

night for three days; then miss three or four days; then give them a few more doses and mark them so they can be given some once a week for a while.

I have been using a special worm remedy sold by the G. E. Conkey Company, Cleveland, O. W. S. A. is a white crystal power in capsules. This is fine, but is more expensive than home remedies.

I have D. E. Salmon's, D.V.N., "Diseases of Poultry." He says one of the best methods of treating tapeworms in fowls is to mix in the feed a teaspoonful of powdered pomegranate root-bark for every fifty head of birds. I also have seen it recommended in other magazines, and have tried it myself. They should be raised on new ground, and the old quarters should be well cleaned, thoroughly disinfected, and all droppings and filth burned. This is one reason I have to contend with it every year, as I have to raise them on the same ground.

I think the young ones sometimes get them when a few days old. I would like to hear the experience of others. Why do not some of the experiment stations send in articles on this sub-

something wrong, or he would defend himself. But he is quiet on that subject, and so is Mr. Cleveland. Can't you get them to speak up? Just think of it!—last year you had \$10 at Chicago and \$20 at Boston, and you had \$122 in the treasury. Why didn't you put up more at Chicago and see that there was some at New York? Did you depend on the members to do it for you? The members paid their dues and fees for you to make use of, didn't they? Mr. Orr says, "No one ever knew the old club was alive until I started the ball a-rolling." Well, I tell you, this is pretty rich! To how many poultry journals did you send notice of club meeting and of club catalogue last year? I understand, to one. And in how many journals do you see it this year? The club catalogue was sent to members in June, after the breeding season was over. I wonder how many eggs the members sold through the catalogue? I suppose the members were at fault—yes, the printer was a member. Why don't you ask Mr. Campbell and Mr. Parrish whether they joined us? I am here to say that they did, and each one of them gave a \$5 cash special for Chicago. Mr. Eastman, I will leave it to anyone that the Columbian Wyandotte Breeders' Association has accomplished more since we started six months ago than the old club did in all its time—and you know it. Just put in your little note book that the Columbian Wyandotte Breeders' Association is going to live, and we are going to issue a quarterly and put the Columbian Wyandottes where they belong. Can you help?

Well, Mr. E., here is hoping that we will see the largest bunch of Columbian Wyandottes at Chicago ever exhibited at any show in the United States.

Philip Koehlinger,
Acting Secretary and Treasurer, Colum-
bian Wyandotte Breeders' Assn.

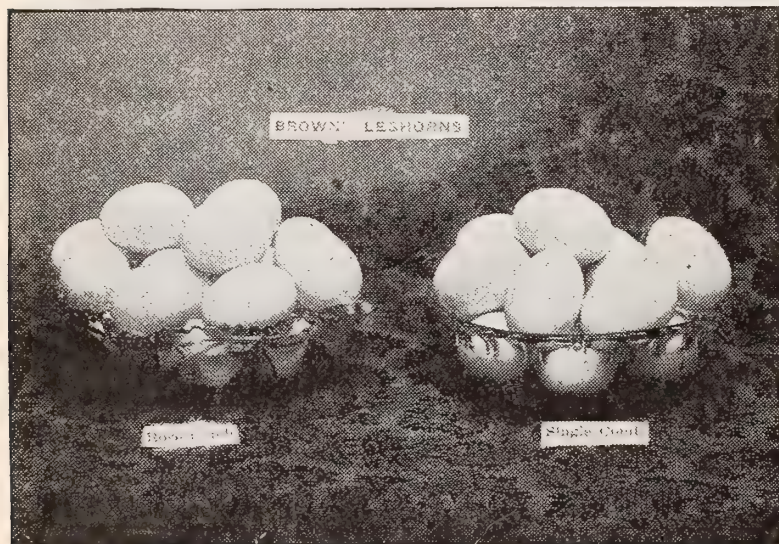
Editor American Poultry Journal.

Dear Sir: In some of my poultry papers lately I have read different articles on the question of the two systems of judging, score card vs. comparison. If all our largest shows use the comparison system, surely that is proof enough which is best. The more experience I gain every year exhibiting under both systems, the more convinced I am that in comparison judging the best bird wins, and is the only system exhibitors can get justice and fair play. In comparison judging the judge handles and examines each specimen thoroughly, the same as in score card judging, and can get finished in good time for the placing of awards. Score cards are of no value nor are they a guide. A standard of perfection is all the guide a fancier requires. In score card judging it's the lucky numbers that win. The score card system is a farce and a hindrance to a show. Judges are delayed and exhibitors are at the mercy of very often inexperienced clerks.

Butte, Mont. Mrs. James Niven.

Editor American Poultry Journal.

Dear Sir: I note Mr. Fenton's letter in answer to Mr. Orr's. As to that Keating cup, there must be something wrong, or Mr. K. would defend himself; but he is quiet. I would like to hear from Mr. Keating and Mr. Cleveland. He did not join us and did not give \$5 special for Chicago; no one ever said so. I have been after him time and again,



Rose and Single Comb Brown Leghorn eggs from pens of W. W. Kulp, Box 70, Pottstown, Pa. These eggs are from his large Leghorns, and from his 242 and 240 egg strains. Two pens of these Single Comb Browns were bought by Japan this fall, personally selected by a representative from Japan because of great laying ability.

swer department of the November number of the American Poultry Journal I saw a question asked about tapeworms in turkeys.

I have been raising turkeys for four years, and they have had tapeworms three summers. The young stock seem to have them worse, and are soon down; those that have numerous tapeworms lose their appetites; are weak, droppings thin dark brown color, very offensive; later have diarrhea, droppings thin yellowish white; their feathers are ruffled, they lag behind the flock; often they pass living tapeworms and numbers of small white flat worms; sometimes have staggers; heads are very dark.

The best thing I have tried is castor oil, one teaspoonful, turpentine, one teaspoonful mixed in a little shorts, with just enough water to make it stick together; this amount for each turkey. I squeeze it in a long, round wad and open the turkeys mouth, putting it well down the throat, so it will have to swallow; repeating every morning and

ject? They are always talking about blackhead. I never have seen a case of blackhead or cholera, though many confuse tapeworms with these two ailments; while if they are doctored for them the color soon returns and they gain very rapidly. Miss V. Roller.

Mechanicsburg, Ind.

Editor American Poultry Journal.

Dear Sir: May I ask a little space for a few words in regard to Mr. Eastman's letter. As to there being no ribbons at the New York show of the National Columbian Wyandotte Club, this was a bad stunt, I am sure. I think, Mr. E., if the members did not take enough interest in their favorite breed it showed pretty plainly the club was a dead one. Now, then, Mr. E., why didn't you go ahead? Why did you depend on the members? In my opinion, you, as secretary, should have taken a hold. But you seem to have been overcome with a "sleeping sickness" yourself, and didn't care a rap. As to that Keating cup, there must be

but he doesn't even answer my letters. I will endeavor to give you a reason why you should join the Columbian Wyandotte Breeders' Association. In the first place, the old club is in a bad rut on account of its being so slow; and there is no one there to pull it out. The club is over 200 strong, and, as old as they are, no one ever made a motion to issue a quarterly, and not issue a club catalogue when the breeding season is over. We are going to issue a quarterly and put the Columbian Wyandottes where they belong. Mr. F., you know, as well as many others, that we have accomplished more since we started the ball a-rolling six months ago than the old club did in all their time. They have been overcome with a sleeping sickness. If you don't believe it, just write to every member of the old club, and see how many are live ones. I know what it is. I went through the mill. Mr. Parrish wrote to me he would try to put some life in the old club, and for that reason would not join; but later on he joined us and also gave a \$5 cash special for Chicago. Mr. Fenton, I have been after you not only once but a number of times to join, because I consider you a good, honest, fair-thinking friend, and I know you are going to help our quarterly and boom the Columbian Wyandotte. In conclusion, I will say the Columbian Wyandotte Breeders' Association is going to and will live. We are hard workers and are everlastingly going to keep things alive. Mr. Fenton, don't call us "deserters." Call us "insurgents"—it sounds better. Always keep abreast of the times, otherwise we will not stand pat with you. Hope to meet you in Chicago and have a good handshake with you.

I am, Yours truly,
Philip Koehlinger,
Acting Secretary and Treasurer Columbian Wyandotte Breeders' Assn.

Editor American Poultry Journal.

Dear Sir: In reply to Mr. Fenton and Mr. Eastman, I am going to be very brief. I had decided to say nothing. I have letters that convince me their club was about worthless. I am positive I cannot convince them of that fact, because they won't; so "what is the use?" After the Chicago meeting we will have a full set of officers that I am sure will be able to hold up their end, good and plenty. I am satisfied with our progress now—nearly fifty members. They can travel along as they wish. We will continue to boom the Columbian Wyandotte. If Mr. Fenton thinks it proper to donate a cup two weeks after a show is held, he has that right, but I do not. That, however, is not my reason for leaving the old club—not as a deserter, but as a member who paid up and honorably withdrew. I feel that it was wrong to give Mr. Keating that cup, and I also feel it was given him to keep him quiet. I have a letter signed by him "that some of the first prizes were awarded to the owners and not to the qualities of the birds at the last New York show." I have asked him in public to give me the proofs. The officers of the old club have seen that public letter of mine to Mr. Keating—at least some of them. Will they ask Mr. Keating for his proofs; and if it can be proved the judges did award prizes that way, let them get rid of the judge. It does not make any difference

to me who made the motion; I think it was wrong, was a very bad precedent to establish. It's class legislation. Would someone have made a motion to donate the cup to me if Mr. Keating and myself had changed places as regards awards? You can bet your old boots—no. Why? Because I would not have gone around accusing the judge of "awarding prizes to the owners and not to the quality of the birds." I hereby challenge the N. C. Wy. Club to investigate Mr. Keating's charges. I will furnish his letter. Don't let one member stab another in the back. •

D. Lincoln Orr.

Editor American Poultry Journal.

Dear Sir: In order to have the Columbian Wyandotte Breeders' Association put aright before the readers of

organization is very thankful), nevertheless, if Mr. Eastman and Mr. Fenton will make inquiries they will find that the greater part of its membership is made up of breeders who could not see where they would benefit themselves by affiliating themselves with the old club (as the old club's efforts have always been concentrated on the "eastern shows"); and no one will become a member of any organization if they cannot see where they are to derive some benefit for their money.

Last year the old club did make a feeble effort to do something for the Chicago show, and I doubt very much if they would have done anything this year if it had not been for the reason that they were forced to do so by the Columbian Wyandotte Breeders' Association coming into the field; and as



First Cockerel at Boston, 1910. Winner of Shape Special. Bred and Shown by J. W. Andrews, Dighton, Mass.

your valuable journal, as one of the officers and organizers of this association I would kindly request that you publish this letter in your December issue.

Judging from the contents of Mr. Eastman's and Mr. Fenton's letters in the November Journal, addressed to Mr. D. Lincoln Orr, one would form the opinion that Mr. Orr was the entire Columbian Wyandotte Breeders' Association, which is far from the true case.

Although Mr. Orr has taken a very prominent part in bringing this organization into existence by giving a great deal of his time as well as spending his money very liberally (for which the

this organization is largely made up of breeders in this section, it was simply up to the old club to do something, or lose what members they still have in the middle West.

As to Mr. Orr's leaving the old club, that is entirely his own personal affair, and no doubt he gave the matter full consideration before resigning, and we all know that if he had seen a way by which things could have been changed in a peaceable way, there is no doubt that he would have stayed by them; for we all know that Mr. Orr is a fighter when he thinks he is in the right. Therefore I will say this for Mr. Orr, that instead of staying by them

and trying to remedy a thing which he thought beyond remedying, he did the next best thing by withdrawing instead of staying and living in constant strife.

While I have never been a member of the old club, I wish to say to Mr. Eastman and Mr. Fenton that the Columbian Wyandotte Breeders' Association is here to stay, and if they will turn their efforts towards the pushing of the Columbian Wyandottes in place of knocking the new organization or its members, they will accomplish more for themselves and cause less hard feelings.

George A. Kersten.

THE DEMAND FOR QUALITY.

The demand for extra choice stock never was so great as it is at the present,

is greater than the supply, and it will be for some time to come, or until a greater number of breeders adopt a new system in their breeding system.

It is not the poultry breeder who produces hundreds of birds each year that coins all the money and wins the blue in the show-room, but he who understands the mating of his birds, to produce some excellent specimens of the variety of fowls that he breeds, and try to procure higher scoring birds than his last year's winners, that he may win in his competition, as it is our aim to raise better birds each season, once in a while we make a failure, but don't get discouraged, or throw up the job, but when another year rolls around, try again.

There is a good market for the breeder who raises annually large numbers of fowls that they sell to the farmers to

they won't win should they buy, and where is the breeder that can guarantee such when they sell a bird?

The old fowls begin to lose their feathers quite rapidly at this time of the year, plenty of loose feathers in the chicken houses—brooders, as well as the runs, except the interest taken in the young stock the place don't look very inviting to those that don't keep their chicken quarters in a sanitary condition, all the old feathers cleaned up or burned, the droppings hauled out for fertilizer, henhouse renovated, nests cleaned, sprayed and new straw to replace the old feathers, etc., that probably has been in the nest since last spring.

And again the egg basket will cease to fill as rapidly as it did during April and May, as the majority of the hens are taking their vacation, as they have been working overtime for the past six months to keep down that grocery bill and to keep that old wooden hen busy to keep her out of mischief.

It is necessary to pay attention to the birds that are going through the moulting season that you intend to keep for next year's breeders, those that have large runs or on free range over the farm and are well fed usually go through the moult all right, and if you have a warm house for them to roost in, will generally moult sooner than those that roost in open air, setting hens can have the moult hastened by allowing them to set on artificial eggs for some time and then shut them up in a small pen will cause them to shed their feathers and grow a new coat soon. Feed them well during the moulting if you wish them to be in the prime when the shows begin, as they can't grow a brilliant plumage on a starvation diet. Epsom Salts added to their drinking water, just enough to taste, is an excellent tonic; also a little flour of sulphur mixed with their mash once or twice a week is good. The stock should be provided with shelter of some kind during moulting, as cold, chilly rains may bring on a cold which, if neglected, would develop in a case of roup, one of our worst enemies.

Male birds should be separated from the females as soon as the breeding season is over, if possible, as the hens do so much better and eggs will keep much longer if they are not fertile.

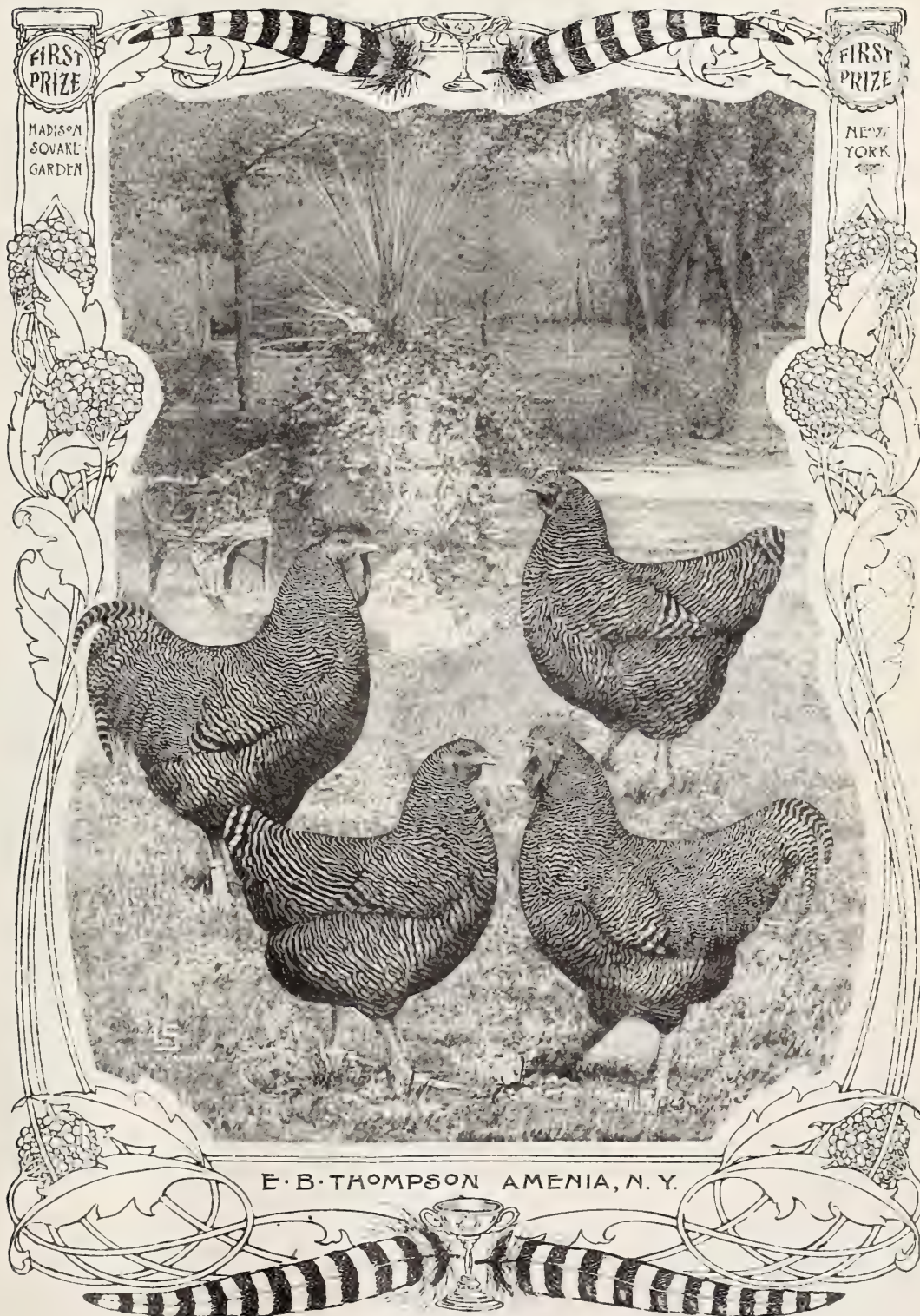
Poultry exhibit at Wood County Fair, conducted by Wood County Poultry Association at Bowling Green, Ky., September 19-24. The quantity is not so large as formerly, but quality the best ever. This is a county fair in name only, as all departments are open to the world. Over 2,000 entries in the single classes and 300 entries in pens. This is by far the best fall poultry exhibit in the state. The liberal prizes given by the association and with the best of management brings out the special breeders from far and near. After the ribbons were placed by the able judge, E. G. Case, the exhibitors one and all wore the life-size smile that don't come off. All had a jolly good time. The Wood County Poultry Association has brought its exhibit up from a few hundred of the most common birds to an exhibit of more than 3,000, and quality that can not be outclassed anywhere. For our 1911 exhibit the association extends a cordial invitation to all breeders to come and bring their favorite fowls along and spend a week with the Wood county boys. A good time and an honest deal is assured.—Dad.



and the demand seems to be increasing daily. Why is it? In the first place, there is getting to be more poultry shows for us poultry fanciers to attend. Second, there are more birds on exhibition and of better quality than there were ten years ago. Third, the last but not the least, the offerings by the association (both money and ribbons) are more enticing to the exhibitors each year, and it seems to put new blood into our veins to produce the stock that will win over our opponent, as we are all in the show-ring for the crown and honor. The quality of stock that is raised and exhibited each year and the demand for winners

improve their common flock of chickens found almost on every farm. Selling good stock at fair prices is a profitable business, both to the seller as well as to the buyer, but on the other hand it is a business apart from that of the fancier who is breeding to supply the demand for exhibitors, and exhibition stock that wouldn't look out of their place if they were ushered into a show-room at Boston, Madison Square Garden, or any of the best shows in the land.

Price for such stock are advancing rapidly and it seems to be that such stock is scarce or the breeders don't know where to find them, possibly afraid



E. B. THOMPSON AMENIA, N. Y.

"THE BEGINNER."

There have been so many articles written on this subject that I should not wonder at your getting confused and passing this article by. I have recently experienced the "beginning," and feel fully capable of writing on this subject.

The man on his way home from work saunters up the street and is met by a friend who says, "Have you seen the chicken show?" "No," says he; "let's go in." They walk in and go all through the show, admiring the different breeds, but without the least intention of becoming poultrymen. Finally they run across a poultry journal solicitor, who immediately sets to talking. They at first shake their heads "No," but upon his continual insurgent talk they at last decide to subscribe, "just for fun."

The subscriber goes home and eagerly waits for his first copy. When it is received he immediately tears the wrapper and runs through the pages, searching for something that interests him. What is the first thing he notices? It is the illustrations. He doesn't look at the common breed cuts; neither do the poor photographs interest him. He likes the best photographs or the artists' illustrations. He gets the hen fever at once and determines to start on a small scale. The question arises, what breed? He wants the best and is often misled by glowing advertisements of the "biggest layers." And yet he finds there are so many of the biggest layers that he is again confused. He then seeks personal advice. He is advised to take up whichever breed he likes best and give it the proper attention, and it will do as good as any. Now, this may be true, in a sense, but I will assure you that there is just as much difference between breeds of chickens as there is between breeds of cattle or horses. We have the Shorthorns for beef, the Jerseys for milk, and the Holsteins for a general purpose or a both beef and milk breed. Thus we have the Asiatics for meat breeds, the Mediterranean fowl for eggs, and the American breeds for egg and table fowl combined.

Now, let him pick his necessary class, which is undoubtedly the American. But what breed? There is the breed that is inclined to be lazy and take on fat when not forced to exercise. Then the breed of a little lighter weight, which is a good forager. After he has decided what breed, then what variety? He may take the color that he fancies, although I believe there is a difference in varieties caused by different crosses in the origination. He may select the one that interests him, as generally he will succeed best with that in which he is interested. He can largely judge the most popular variety as shown by the numbers in the show room.

Now, how is he to start—by buying eggs or by buying stock? I would advise the buying of stock. He may hatch and rear from a setting of eggs a bird that the breeder would not part with. He can invest his money in a good pen (one male and four females) and have a pretty sure start, and in a few years, by survival of the fittest, he will have a nice flock.

I would advise, by all means, to line-breed. Even if you want utility products, I believe you will get more uniform and better results by having the

blood to nick well. I don't mean to inbreed on and on, but systematized inbreeding. After a few generations it may be well to add new blood by getting a new hen and crossing with a cock of your strain; and then, if the results are good in both utility and standard qualities, you may select your best cockerels to use on your own females.

All in all, you will find this "chicken business" a very interesting thing. The farther you go the deeper you get. Bruce McDonald.

"THE MARK OF QUALITY."**A. P. J.**

As the brand on the hip of cattle marks the year and the name of the ranch, so does the above "Mark of Quality" indicate the place where the fine engravings are made that bear the above mark. Never has there been such a demand for high-class engravings of poultry as this year and our Art Department has been working under a "full head of steam" for the last few months, and turned out some of the finest work in the engraving line that has appeared in the poultry papers and catalogues of the breeders to date.



Our artist, Mr. Louis A. Stahmer, will visit nearly all the prominent shows and if any of the readers desire to have some work done by him, either in poultry illustrations or special catalog cover and letterhead designs, it will be to advantage to look over his samples. He is making the engravings for the foremost breeders in the country and will absolutely please you.

PEKIN DUCKS FOR PROFIT.

As the season for mating of ducks will soon be here I have arranged to write an article about them.

A very profitable branch of the poultry business is raising Pekin ducks for market, and well thought of as a money making establishment. I breed nothing but the Imperial Pekin duck, therefore I am prepared to write about them.

The Pekin duck is considered by far

the best market duck. They are very hardy and at the age of 8 to 10 weeks they reach maturity. It is comparatively easy to raise them.

Birds intended for breeding purposes should be selected as soon as it can be determined which are most suitable for that purpose. Select only those that promise to mature and be large, vigorous specimens, with broad, deep breasts and keels, wide, square bodies on short necks and fairly small heads.

After the breeding birds have been carefully selected, give them as much free, green range as possible, water range, if it can be obtained. Feed a growing and strengthening ration composed of two-thirds wheat bran, one-third corn meal and about 10 per cent beef scrap. Birds of good parentage will begin laying at about five months of age and with a little encouragement will stick to it with a praiseworthy determination.

After mating in November feed the breeders twice daily all they will clean up. Within a few minutes after feeding give a mash of the following proportions: Four parts wheat bran, three parts corn meal, one part low grade flour, 1 part beef scrap to a measure and one-third cut clover and steamed or vegetables. Salt slightly and mix to a moist but not pasty mash. Mix with hot water in cold weather and cold water in warm weather. At noon feed of cut rye or cabbage or any green food may be given.

After the breeding season is over the bird may be turned out to pasture and beef scraps fed often and a large proportion of bran added.

In cold weather the eggs should be frequently gathered to avoid chilling. They should be kept as clean as possible. In many cases washing may be necessary. Do it in lukewarm water and with a coarse sponge.

Cover the house floor with a layer of sawdust. No nest boxes are needed, as the layers will scoop out a hole in the bedding and lay there regularly. Keep plenty of grit near them at all times. R. K. L.

SINGLE COMB BLACK MINORCAS.

In the following sketch I shall not try to raise the Black Minorca above any other thoroughbred breed of poultry, for I am convinced that any breed of poultry, if properly cared for, will pay its owner with large interest. Some people will say, "I don't like them for these reasons: 1. Their combs freeze in winter. 2. Their black color is not pretty. 3. They are so wild a person cannot get near them. 4. They never set."

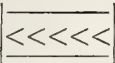
Now, leave me tell you that if properly cared for their combs will not freeze; neither is their color black, but is a green or sheen color. Any breed of chickens can be made tame if they are petted and carefully handled. And now about them setting. Do you want a hen that will lay fifteen or twenty eggs and then set a couple of weeks, or a hen that will lay 200 or more a year and still be full of eggs? I prefer the latter.

The Black Minorca cock should weigh seven pounds; hen, six to seven pounds; cockerel, seven to eight pounds; pullet, five to six pounds. Still some people will say they are so small. I will admit they do look small, but this is the reason: their feathers lay close to

the body like that of the game. They are also a fine eating fowl. Their shanks should be of a slate color. The comb should be as straight as an arrow. Their carriage should be erect.

Feed.

"How much shall I feed my chickens?" is the question often asked. I find that the average man's hand (not stretched to its limit or clinched) full of feed three times a day is sufficient for two average fowls. I have found this to be a good measure. I will try to illustrate a good feed hopper which you can have your tinner make for a small cost. Have a small tin trough made; have bottom round and a top that will fasten over it but can be unfastened easily. This top should have a top like this:



The points should be from 4 to 5 inches high and from 1 to 2 inches apart. The fowls cannot scratch the feed out or dirty the trough. This trough can be easily cleaned by taking it apart. So much for the feed.

As Show Birds.

When you want a bird that is easily prepared for the show, the Single Comb Black Minorca just fills the bill. No washing to make them look nice; just wipe their feathers off good with a damp rag and they are ready for the large shows, the kind that makes a reputation for a man if he does any winning.

Moulting.

This is the time of the year when old biddy starts to make a new coat for herself. She finds that after her last year's work of raising chickens and filling the egg basket, her coat has become soiled and ragged; but now her chicks are hardy young fellows, some ready or almost ready to help her fill the egg basket, while the rest are ready

for the market, which means more profit to the owner. She will now stop laying, for the food she eats is all taken up by the feathers. Now, be careful not to overfeed her, for she will begin to pick up fat and will not start to lay very soon. The average hen begins to lay from one to three months after she is through moulting. I don't say starve the hen, but make her work for all she gets. If you take good care of your fowls through the moulting season you shall have plenty of eggs this winter.

If you want to begin poultry raising, give the Black Minorca a test.

Russell Clark.

SOLVING THE WINTER EGG QUESTION.

The question of a well-filled egg basket during this time of year, when fresh eggs bring such an enormous sum, has been a matter of long discussion, and not easily solved by many of our poultry farmers of today. With the careful and daily attention of the feeder there is no reason under the sun to prevent a flock from laying during the winter months.

There are many conditions which affect this question. These are, namely:

First—The Flock:

In order to obtain results the farmer should strictly settle down to one or two good breeds of pure bred stock instead of wasting his time and energy in improving his dunghill stock.

Second—Housing:

Houses for poultry should be dry, tight and warm. No draughts of air should penetrate on fowls. Houses should be so constructed as to allow plenty of light and fresh air. Take out the windows and replace them by a frame covered with ordinary burlap. This can be so arranged on hinges as to be out of the way during the day. In the evening this should be closed, thus allowing a free circulation of pure, fresh air all the time. The houses should be sprinkled or

TOO LATE TO CLASSIFY.

WHITE WYANDOTTE cockerels. Large, pure white, blocky birds (Duston strain). Score cards furnished with each bird. Geo. Reiling, Springerton, Ill. 12-3

FOR SALE—Golden Seabright Bantams. Rich in color, small in size. Winners wherever shown. Stock and eggs in season. George Peterman, Belle Plaine, Iowa. 12-3

WHITE ORPINGTON COCKERELS, 7½ to 10 pounds, March hatched. These birds are "Kellerstrass strain" of excellent type, sired by my first prize cockerel at Des Moines last winter. Write for prices. Mackey's Poultry Farm, Nevada, Iowa. 12-1f

PHEASANTS. Richard Hill, Laura St., London, Ont. 12-1

BOURBON RED TURKEYS—Toms, \$4; hens, \$3. Prize stock. Mrs. D. C. Chapman, R. 1, Russellville, Ohio. 12-1

WILBERT'S FAMOUS BANTAMS—The Kind That Win. Illustrated circular. F. C. Wilbert, Grand Rapids, Mich. 12-2

ROSE COMB BROWN LEGHORN HENS \$1.00. Good cockerels, \$1.00 and \$2.00. Satisfaction guaranteed. L. A. Klock, West Burlington, N. Y. 12-2

PEKIN DUCKS, Indian Runner drakes. B. Reilly, Gilman, Ill. 12-1

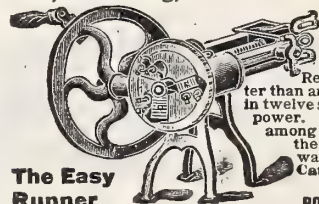
FINE ANCONAS from imported stock. Blue Andalusians, Houdans, and Blue Slate turkeys. Mrs. Jos. Kinzer, Utica, Ill. 12-1

WHITE ORPINGTONS: trios, \$7.50 up. Allen Robertson, Morocco, Ind. 12-1

STANDARD

The Leading Bone Cutter

Cuts fast and fine. Handles big chunks as well as little pieces. True automatic feed, no choking, cuts bone across grain.



The Easy Runner

Try it 10 Days FREE

Return if not better than any other. Made in twelve sizes, hand and power. First choice among poultrymen—the cutter that always makes good. Catalogue free.

STANDARD BONE CUTTER CO. MILFORD, MASS.

YOUNG AND OLD STOCK FOR SALE

Golden, White and Columbian Wyandottes; R. C. and S. C. Reds and S. C. Buff Orpingtons

From our best matings and winners. Cockerels, \$3 up to \$10; pullets, \$2.50 up to \$8. Our yearling hens and cocks are fine and prices right for them. Prices on show birds a matter of correspondence. Satisfaction guaranteed or money returned. Write your wants to

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Cincinnati, Ohio

Disinfectant
Won't Explode
Won't Poison
or Burn

ZENOLEUM

Has an Inoffensive, Wholesome,
Clean and Pleasing Odor

Used and Endorsed by 46 Agricultural Colleges

and by farmers, stockmen and poultry men all over the world to destroy lice and prevent the spreading of infectious diseases. A single quart will rid a hundred hens of lice, mites and germ filth—it will insure cleanliness and safeguard your poultry's health and your own profits because it cures and prevents all ordinary poultry ailments and diseases.

The Sure Way To Poultry Profits

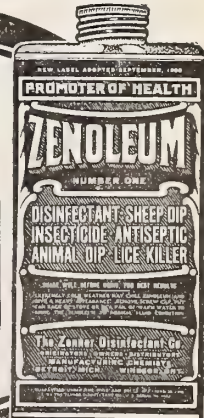
is by the use of Zenoleum, the "best carbolic, cresol, coal-tar disinfectant dip made."

Sold Everywhere

and positively guaranteed—if Zenoleum is not all we say it is or even what you think it ought to be, you can have your money back—no argument, no letters, just money. Ask your dealer first but insist upon Zenoleum—if he can't supply you we will deliver to your station, charges prepaid, 1 gallon, \$1.50; 5 gallons, \$6.25. Equally beneficial for live stock—write for free books, "Chicken Chat" and "Veterinary Adviser"—the latter is invaluable to stockmen—your name on a postal will do.

The Zenner Disinfectant Co., 217 Lafayette Ave., Detroit, Mich.

Prof. W. R. Graham, of Ontario Agricultural College, says—"The addition of Zenoleum proved of the greatest value in maintaining the vitality of the chicks—producing 94% more. I would use this substance in every machine set." Send for his official report.



Live Stock And Poultry Health

Zenoleum,
"The Surest Lice Killer
and Disinfectant"
8-oz. size, 25c at your dealers
35c cents from us prepaid.

sprayed once a week with a weak solution of creolin—2 per cent. This will make the house both sweet and hygienic for the fowls.

"Cleanliness is Godliness," so should it be with the fowls' quarters and yards.

Do not allow dirt and rubbish or surplus manure to accumulate in houses or yards. It spreads disease.

Third—Feeds and Feeding:

The question of feeding and various feeds has been sadly neglected by many

of our poultry raisers, and with just a little amount of extra thought and study on their part could remedy this easily.

Egg production can only be sustained by the food in excess of that required by the fowl to support life, although egg production can temporarily occur at partial expense of the body. There are many methods of feeding, but to my satisfaction a warm, wet mash, followed by a little grain has proven to be most successful during the cold winter months. A good system as followed by myself with great success is as follows. In the morning feed a good hot wet mash of the following mixture:

	Pounds.
Bran	200
Cornmeal	150
Beef scraps	50
Ground alfalfa or clover.....	40
Cottonseed meal	20
Oil meal	20

At noon feed two pounds of wheat per 30 birds in deep litter, at least eight to ten inches deep. These keeps birds busy all day scratching for food.

At night feed two and one-half pounds of the following ration in litter:

	Pounds.
Cracked corn	100
Wheat	50
Buckwheat	25

(If buckwheat is not obtainable omit and substitute oats.)

This last feed will send the birds to bed with a full crop of food, which has a high heating value. At the present prices of grain this system of feeding will cost no more than 10 cents per day for 30 birds.

Another system is the dry hopper system. This keeps a dry mash before the birds all the time. This method, although a labor-saver, does not insure so good results as the wet mash.

A good dry mash mixture is as follows:

	Pounds.
Bran	300
Cornmeal	100
Gluten meal	100
Oil meal	100
Meat scraps	100

This is followed at noon and evening with whole grains, as in the wet system. Water is one of the greatest essential factors in egg production. It is a known fact that one dozen eggs contain one pint of water, hence we see the absolute necessity of furnishing a constant supply of pure fresh water before the fowls. The neglect to supply a sufficient amount of water is often the cause of ill success.

Fourth—Supply Green Food:

This item is absolutely necessary if we expect winter eggs; in fact it is considered the key to securing winter eggs. We must present to the bird those conditions which are present in warm weather but absent in winter. This is done by supplying green vegetable food, such as cabbages, beets, wurtzels, etc. This can be very handily supplied to them by driving nails in wall of house about three inches above hen's head and place vegetables on it, thus forcing the hen to jump for it.

Last to be considered is exercise. Keep the birds outdoors as much of the day as

You Can Build This Best Incubator Yourself and Save Money

30,000 intelligent poultry men and women have proven that my way of securing the best Incubators is the most profitable. Do it yourself. It's as easy as A B C. I will save you the extras, the freight, the cost of high priced labor and finishing, and give you the best Incubator that money can buy, and a big saving in cost over all high grade machines. You can do it with your own hands. Just my parts and simple directions, which anyone can understand—a saw and a hammer—these are all you need. For 25 years my way has been followed by good poultrymen. They know I have overcome the imperfections and drawbacks in other machines. My plans and parts will give you absolutely the latest and best.

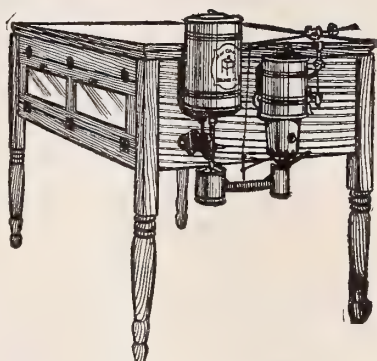
SEND FOR FREE INCUBATOR BOOK

This tells the big facts about Incubators. It tells why my combined damper and flame regulation, tandem thermostat, heat distributing bars, and automatic ventilation should be in every incubator. These are the vital parts of an Incubator—the greatest inventions that have been made since the discovery of artificial hatching. A boy of twelve can build an incubator with my plans and parts. I'll show you the way to more money and better chicks. Just sit down and drop me a line. Say "Send me your Incubator Book"—It's FREE.

H. M. Sheer Co.

Dept. 13

Quincy, Ill.



Special!

To owners of other makes of Incubators—do not put up with inferior fixtures. My lamps, regulators, burners, tanks, heaters, thermostats and other appliances are adaptable to all makes of Incubators and Brooders. If I have not what you need, I will build it for you. This is good news to thousands who do not wish to purchase a brand new Incubator, and yet who realize they can get better results from Sheer's appliances. When making repairs, use Sheer's lamps, regulators, etc., and note the great improvement in efficiency. I will supply the appliances you need. Write me personally.

Feed 30% Less Grain—Get More Eggs—and Save Big Money

It is the assimilated nutrients that make eggs, bone, muscle and feathers. But nutrients cannot be assimilated without phosphorus. The proof is the fact that whenever the feed contains insufficient phosphorus, at least two-fifths of all protein fed is lost in the voidings. Two-fifths of the valuable protein passes through the fowls without doing them a particle of good—without adding to your profits.

Wheat bran is richest of all grains in phosphorus. Yet it contains less than enough to put its 15% of protein in the right condition for body building and egg making.

"HEN-E-TA" Bone Grits

contain seven times more phosphorus than the average grains. It enables poultry to get all the good out of every bit of protein fed to them. There is no waste. Thus your poultry do much better—on one-third less grain, when fed HEN-E-TA.

But "HEN-E-TA" does more than to save one-third of your grain bill—more than to increase the egg production—more than to rush pullets to early maturity. Its absolute dryness and spongelike absorbing qualities eliminate the need of charcoal. As "HEN-E-TA" contains 30% pure digestible Bone Ash, it is preferable to all other Bone. It also produces a more nutritious and more palatable egg, and chicks hatched from such eggs are much larger and stronger than usual. The sharp, brittle condition of "HEN-E-TA" eliminates the need of all other grit or oyster shells. Its property of largely increasing the effectiveness of vegetable protein makes the use of unwholesome, disease-laden and expensive beef protein unnecessary. Its cleanliness and absolute purity make "HEN-E-TA" the only Bone product fit to feed.

HEN-E-TA BONE COMPANY

Flemington, W. Va.

Department 1

Newark, N. J.

WILL MAKE CHICKS GROW. OOMLESS

SOMETHING TO CROW ABOUT

"HEN-E-TA"

ABOUT 30% PURE BONE ASH

NO OTHER BONE NEEDED | NO OTHER G.R.T. NEEDED

NO MORE BONE CUTTERS NEEDED

NO MORE BEEF-SCRAPS NEEDED

NO MORE CHARCOAL NEEDED

NO MORE OYSTER-SHELLS NEEDED

WILL MAKE CHICKS GROW. OOMLESS

VALUABLE BOOKLET FREE

100 lbs. - \$2.25

500 lbs. - \$9.00

Balanced Ration Formulas Free

Note the Prices of "HEN-E-TA." See whether you can afford to be without it. 100-lb. sack, \$2.25—500 lbs., \$9.00. State whether fine, medium, coarse or superfine is desired or we will send medium where only one sack is ordered; but where five sacks are ordered we will ship assorted lot. A trial costs you little—and it means much to you.

Read This Letter

from C. K. Graham, Director of Agricultural Department at the Hampton Normal and Agricultural Institute of Hampton, Virginia:

"We have been using HEN-E-TA Bone for several months with very satisfactory results; not only as an egg producer, but we consider it keeps our fowl in a more healthy condition. It has also given excellent results when fed to our growing stock. We begin feeding HEN-E-TA Bone as soon as the chicks are put into the brooder."

Big poultry raisers know. They count, and figure, and analyze. The good things are retained—the unprofitable—discarded. Send order now—or postal for further convincing proof. We want you to know what "HEN-E-TA" means to you in increased profits. Address

WHITEWASHING

and disinfecting with the new

"Kant-Klog" Sprayer

gives twice the results with same labor and fluid. Also for spraying trees, vines, vegetables, etc. Agents Wanted. Booklet free. Address

Rochester Spray Pump Co.

210 Broadway, Rochester, N. Y.



Globe Incubator

Extra Special!

If ordered from this ad within thirty days, a 200-Egg Globe Incubator No. 10 and a 200-Chick Globe Brooder for only

\$22.00

Get These Machines and Raise Your Chicks

SEND for illustrated circular giving full particulars in regard to the NEW GLOBE No. 10 INCUBATOR, AT \$13.50, and FAMOUS GLOBE BROODERS AT \$11.75. Send today, OUR COMPLETE 1911 ALMANAC AND CATALOG, 224 pages and cover, many fowls illustrated in natural colors, tells all about our immense poultry farm, incubator factories, incubators, and contains many valuable recipes, etc. A most valuable book. Will be mailed on receipt of 15c stamps.

C. C. SHOEMAKER
BOX 605 FREEPORT, ILLINOIS

The New Globe Incubator No. 10

THE GREAT MERIT of the Globe Incubators has been so well known to the poultry raisers of this country for the past 15 years that we feel the only introduction that the NEW GLOBE INCUBATOR "No. 10" needs, is a plain statement of the fact, that in this machine we offer to the public an Incubator of GLOBE MERIT built on plans that greatly lessen cost of production, so that we are able to offer a

200-Egg New Globe "No. 10" at \$13.50
Positively the Best in the World for the Money

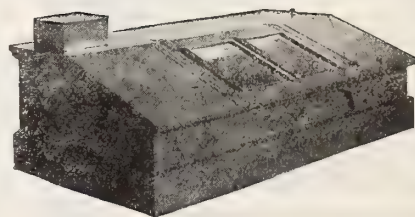
This machine is fitted with the best double compound water regulator, the same as used on all higher priced machines, and is honestly and substantially made throughout and will render efficient service and produce the best possible percentage of strong, livable chicks that will GROW AND MATURE when placed in our famous

Globe Brooders

200-Chick Size \$11.75

A brooder built on scientific principles that have been proven correct by actual practical use.

Send at Once for Free Lithographed Circular Giving Full Particulars. Our Large Poultry and Incubator Catalog Now Ready Price 15c.



Globe Brooder

FREE \$100 PENS \$50 TRIOS \$25 PAIRS FREE

Nearly \$3,000 worth of fowls from the cream of some of the best flocks in America will be distributed among the agents securing subscriptions for Successful Poultry Journal. These prizes are given in addition to liberal cash commissions, and every one gets well paid for his time.

Three Prizes in Each Class

First prize—A \$100 pen consisting of one male and four females.

Second prize—A \$50 trio consisting of one male and two females.

Third prize—A \$25 pair consisting of one male and one female.

These three prizes are offered in every one of the twelve different breeds.

These Are the 12 Classes

Barred Plymouth Rocks, White Plymouth Rocks, Buff Plymouth Rocks, White Wyandottes, Columbian Wyandottes, S. C. Rhode Island Reds, R. C. Rhode Island Reds, S. C. Buff Orpingtons, S. C. White Orpingtons, S. C. Black Minorcas, S. C. White Leghorns, S. C. Brown Leghorns.

A \$100 pen, a \$50 trio and a \$25 pair of each of the above twelve breeds will be awarded.

\$500 in Cash and High-Grade Fowls

In order to interest those who desire to compete in a contest where the principal prizes are cash ones we have inaugurated a supplementary contest which will be conducted separately and without any connection whatever with our other contest where the \$100 Pens, \$50 Trios and \$25 Pairs are offered. The prizes in this contest are as follows:

1st prize, \$100 in gold.

2nd prize, \$50 in gold.

3rd prize, \$25 in gold.

4th prize, \$25 pen of fowls.

5th prize, \$25 pen of fowls.

6th prize, \$25 pen of fowls.

7th prize, \$25 pen of fowls.

8th prize, \$25 pen of fowls.

9th prize, \$25 pen of fowls.

10th prize, \$25 pen of fowls.

11th prize, \$15 trio of fowls.

12th prize, \$15 trio of fowls.

13th prize, \$15 trio of fowls.

14th prize, \$15 trio of fowls.

15th prize, \$15 trio of fowls.

16th prize, \$15 trio of fowls.

17th prize, \$15 trio of fowls.

18th prize, \$15 trio of fowls.

19th prize, \$15 trio of fowls.

20th prize, \$15 trio of fowls.

Some of the breeders from whose yards these birds will come are E. B. Thompson, Barred Rocks; Wm. Cook & Sons, Buff Orpingtons; Ernest Kellerstrass, White Orpingtons; Milton W. Brown, Cheviot Farms, Black Orpingtons; S. D. Lapham, Buff Rocks; Irving A. Sibley, R. C. Reds; Geo. H. Rudy, White Orpingtons; Wm. F. Brace, Brown Leghorns. These breeders are among America's leaders and their stock is the highest quality possible to be bred. Many other equally prominent breeders will furnish stock in this contest.

Drop us a card saying that you wish to secure subscriptions in our General Contest. We will then send you sample copies, receipt books and other necessary supplies. This is your opportunity. Don't let it slip. Subscriptions are easy to get. The paper is worth many times the price and poultrymen realize this as soon as they see a copy. Address

Successful Poultry Journal FRANK HECK Editor **355 Dearborn St., Chicago, Illinois**

possible. Keep a good quantity of dry litter for birds to work in and throw grain in litter, and birds will feel contented no matter how cold the weather be.


Concluding, we will soon see the absolute necessity of paying attention to our fowls if we expect them to repay us, and just a little here and there will soon lend a helping hand in filling the egg basket when eggs are at top notch prices and almost worth their weight in gold.

Morris Mayerson.

OLD AND NEW BREEDS.

This is a day of something new and still they say there is nothing new under the sun. This surely does not apply to breeds or varieties of poultry, as we have them springing up continually. To me it looks very foolish to keep trying to make new varieties all the time when we have dozens of varieties now that are "dead to the world."

Why is it that so many of the old-time



Crown Bone Cutter
Hens fed cut green bone lay more eggs. Get a Crown Bone Cutter. Send to-day for catalogue. Wilson Bros., Box 501, Easton, Pa.

**BEST MADE
Lowest
in Price**

EGGS

To make your hens lay, day in and day out all winter, feed them fresh cut bone.

Without this egg-making food hens will not lay during cold weather. The reason they don't lay now when eggs are high in price is this—grass-hoppers, worms and bugs, their natural live-meat, egg-forming diet, have gone. Worm and bug meat contains protein, and protein makes eggs. Fresh bone contains a large quantity of this wonderful egg-producing material. When cut into small flaky particles, fresh bone is not only the cheapest and best egg-making food known for poultry but it is easier for fowls to digest than food in any other form. Nothing can equal it to bring your hens in line to lay every day during winter. Feeding fresh cut bone is the one way to make your poultry profitable.



Humphrey
ALWAYS OPEN HOPPER.
BONE CUTTER

—cuts any fresh bone, however big or hard. It will cut all kinds of green poultry food. It is the only bone cutter that has an always open hopper. No digging bone out of the cylinder. The special construction of the hopper wing gives a feed entirely under your own control. It cuts rapidly and easily. If left in the poultry yard the hens will keep it clean for you. By simply unscrewing one nut you can take out the working parts easily to sharpen the knives. This perfected bone cutter will operate with one-half the power required by any other. A test will tell its story. Send for a Humphrey on Free Trial. If you are not satisfied, we take it back.



Let us send you instructive booklet, "Making The Golden Egg." Gives prices and tells how to make your flock pay biggest profits.

HUMPHREY,
White St. Factory,
JOLIET, ILL.

breeders have taken a back seat? In my judgment it is simply because they have been crowded down and out by some new varieties that were being boomed and turned out in the long run to be of less value than the old timers.

Don't think that because the Brahmas are not bred as much as some varieties that they have no good qualities. Just ask a man who breeds them. The Light Brahma is more extensively bred than the dark variety, and if the breeders of Dark Brahmas don't waken up and push their variety to the front they are going to be lost. They are a good fowl and far too beautiful to let slide. We now hear talk of Barred Wyandottes. The question arises, do we need them? I for one say we do not. We have the Barred Rock and if people want to do anything toward a Rose Comb Barred bird it is up to them to revive the old reliable American Dominique. The Dominiques are a grand old fowl, and I truly believe that they are as good a utility fowl as ever existed, and if given an equal chance would hold their own with any of the newer varieties. It is simply a shame that the Dominiques have dropped to where they are today. They are as beautiful an illustration as we have in the Standard, and all they need is for some one to take hold of them that will push them to the front. It's a pity that Hawkins, Thompson, Fishel or Kellerstrass did not take up Dominiques. They would have been in a far different light today. They are of the general purpose fowl type, and if any one wants to take up one of the old reliables the Dominiques will make him a good choice.

The Langshans are not as popular as they should be. They are a grand old breed and should not be so neglected by fanciers and breeders. Javas are another of the has beens, but if you think they are not a good fowl you are badly off. To my mind the Black Langshans and Black Javas ought to hold a place much higher than the Black Orpington today. They have been crowded down by new varieties just because people were crazy to try something new. Then we come to that large family of Hamburgs, six varieties. Those beautiful Hamburgs! Surely there is no more graceful or beautiful variety than those Hamburgs. They lay like slot machines, and if breeders would waken up to the fact they would find that the Hamburgs are one of the best varieties of domestic poultry. But why are they not bred? The answer is the same, because people are crazy over new breeds.

The Red Caps are a very handsome variety and excellent layers, but very seldom do we see them at shows or advertised in the journals. Among some of the other breeds that are very seldom seen at our shows are the Dorkings, the Jersey Blues, the Blue Andalusians, and truly it is seldom we find a large class of Cochins. It would be a disgrace to the poultry business to let these great kinds of fancy poultry drop in the rear. Yet this is just what they are doing. The Silver Penciled Wyandottes, which were talked about so much a few years ago, are little heard of now, and it looks as if there were others to follow if we don't find some way to rescue them.

Now, friends and poultry fanciers, what are we going to do with this great army of old breeds? Let them drop from the fancy? I for one yell no. It is up to the breeders of these varieties to get together and boom their favorites. Advertise them. Write about them. Get pictures taken of them and get cuts pub-

lished in the poultry journals far and wide. Let people know that you have a good thing and are willing to stand back of it. Then, too, I think it would be much better to keep a lot of these new varieties out of the Standard till they have proven their worth. Build up some of the varieties we now have and we will be busy for some time.

If you are thinking of taking up another variety just try one of these old timers and put the care and money in them that you would a new variety, and I would risk a new hat that they will do just as well and make you just as much money as some of the newer varieties. Can't we and won't we give a little more time and attention to the old breeds that were the joy of our father's heart? Will we stand with our hands folded and let them drop out of existence? We hope not. It is up to the breeders of these old favorites to speak their piece, and I sincerely hope they will speak it soon and often.

Plummer McCullough.

SYMMETRY IN CONNECTION WITH POULTRY.

The poultry papers of today contain much valuable information covering all branches of poultry keeping, and there are also many valuable books published touching on the subject, but very little has been said or written concerning the general appearance of poultry houses, yards, coops, etc. This is a matter that should receive its share of attention, and if one expects to obtain the very best results financially it must be considered seriously.

One of the best advertisements a breeder could possibly obtain is a neat coop or building in which to house his stock. A pen of first-class breeders will appear to much better advantage if the birds are confined in a well-built house with a neat yard adjoining, and it would be the means of attracting visitors, which is one of the best methods of advertising his stock.

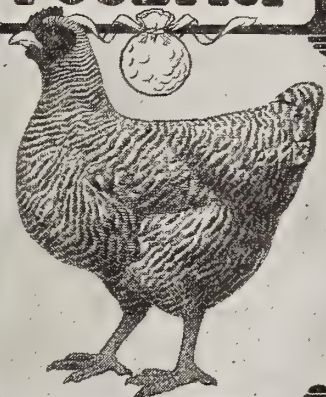
It is sometimes necessary for one just starting in the business to cut expenses wherever possible, but even he, with a little forethought, could improve the general appearance of his place by artistically arranging his coops and yards.

The first problem to be considered in the poultry business is shelter. If the house is to be built in an open field adjoining the other buildings it should be so built that it will harmonize with the trees, fences, slope, etc. Have the roof of the proper pitch and if the door is to be in the end of the building so locate it as to not give it the appearance of being "all door" or "no door," which is very often the case. This also applies to the windows, which should be arranged with about equal space on each side and a trifle more space at the bottom than at the top.

Paint is an article very seldom used by the average poultryman. Too many poultrymen build good houses and then stop. Paint looks like a luxury to them, but after the buildings have been in use a few years and the defective boards begin to show signs of decay, we then see where the use of a little paint at the beginning would have lengthened the life of our buildings. It does not require much paint to cover a poultry house, and when it is painted dark body and light trim I know of no other farm building that can be compared with it.

A. C. Guernsey.

MONEY MAKING POULTRY



Pittsfield Poultry Farm
PITTSFIELD, MAINE

This Free Book Tells You How to Make Money From Poultry

If you own hens, many or few, you ought to write to-day for "Money Making Poultry." It is a book of wonderful poultry information and facts, giving details on how to make money out of your poultry. Even if you are doing "pretty well" "Money Making Poultry" will tell you how to do still better—how to get more eggs—how to get better quality hens—how to get more money.

If you are just starting your poultry yard, it tells you the breed to select for egg-laying and market profit, and tells why. It points the way for the experienced poultryman to improve his stock at least cost. Read

"The Breed That Pays"

Our manager, a poultry man of wide experience, has written a specially valuable article for "Money Making Poultry," on "The Breed that Pays." And lastly, the book gives the whole interesting story of poultry life on the Pittsfield Poultry Farm, where the marvelous "bred in Maine" Pittsfield Strain of Barred Plymouth Rocks have been developed. It gives you the results of our methods of handling and feeding. Tells you what feed we use, how it is prepared, when we feed and how much. It explains how we maintain the money-making qualities that have made Pittsfield Strain the leaders among Barred Rocks.

In fact, every needful help to make you succeed better in poultry raising will be found in this handsome book, it matters not whether you number your flocks by thousands or by tens. "Money Making Poultry" is illustrated with full page copper-plate engravings of drawings by well-known poultry artists and from photographs, showing prize winners as well as utility birds. These show the great perfection attained by Pittsfield Strain. Yet a copy of this exceptional book is yours for the asking.

If It Is a Barred Rock, Ask If It Is Pittsfield Strain

Do you know that at the big 1910 Boston Show Pittsfield Strain won more prizes than the birds shown by any other exhibitor. Here is a partial list of our winnings—1st Cock, 2d Hen, 1st Exhibition Pen of Chicks, Special for best Cock and Four Hens and Six other big Prizes; and this is only one show. The show season is now on. If you want birds that are ribbon winners or ribbon-winning breeders, let us send you single birds or a pen. All our stock is mated with scientific care to breed true to the Barred Rock standard, and the result is finely barred, splendidly shaped birds that score exceptionally high. Our 1910 stock is the best we have ever produced. You will say they are the best you have ever seen.

Our Birds Are Maine Bred

The Pittsfield strain—bred in Maine—are bred to the highest egg production possible for maintained bodily vigor, hardy reproducing powers and strong constitution.

It is important to you to get "bred in Maine" stock. All our birds are raised and kept under the most approved sanitary conditions, in open houses, and handled with keen attention so as to develop constitutions able to withstand the vigorous conditions of Maine weather and climate. And they do. If you would be a successful poultryman, let Pittsfield Strain be the foundation of your stock. We are offering selections from our choice breeding pens at reasonable prices—a splendid chance to put your yards in shape for next season. Pittsfield stock probably owes its enviable reputation to its superb utility qualities more than to any other thing. It is hardy, reproduces with the minimum loss and lays eggs prolifically. You need this blood in your stock.

We have splendid values to offer in utility cockerels, early hatched and the kind that make sure breeders. We can furnish you eggs for hatching every month in the year. Day-old chicks for Spring delivery. Be forehanded and book your order early because everyone is buying Pittsfield Stock.

PITTSFIELD POULTRY FARM CO.

102 Main Street
Pittsfield, Maine



Barred Rocks
PITTSFIELD

BEGINNING TO KEEP FOWLS.

Though the ranks of poultry keepers are constantly being added to, there are still many who might keep a few fowls easily but fail to do so. Residents in large towns such as New York or Chicago, who find it so difficult to procure new-laid eggs, are not readily persuaded that poultry in a small yard will, as a rule, lay more eggs than those having an unlimited range. But, provided there is a corner of a yard or garden in which a small house can be put up, and a few feet of wired in run joined to it, a few hens should prove very profitable.

The fall is a very good time of year for making a start. Pullets hatched in March or April ought to begin to lay now. They can be purchased at moderate prices and it is much easier now to distinguish a young bird of this year from an old hen than it will be after Christmas. There are many good breeds of fowl for the beginner to select from. If the birds are to be kept in a small space it will be better to start with a non-setting variety.

It is seldom advisable to hatch and

not more than three feet from the ground.

If the intending beginner has plenty of space and means to go in for fowls on a larger scale, he ought first of all to ascertain the local requirements; whether there is a demand for eggs or table poultry or both. If it is decided to rear table poultry, as well as to provide eggs for sale, it is better to have two separate sets of fowls; the stock bird from which to obtain chickens for eating can be an Indian Game, or one of these males running with Dorking hens, or Brahma hens with a Houdan cock.

Either of these matings will result in large, meaty chickens, the cross between the Indian Game and the Dorking, perhaps, being the most satisfactory. A pen of six hens and a cock of either of these can be placed in an enclosed run, and there should be enough eggs from these from which to hatch plenty of chickens to begin with. Movable poultry houses are now made so well and so cheaply that it is better to buy them from some well-known maker.

For egg production the fowls recommended for small runs will do well. As brown eggs are preferred by some peo-

pairs went to the Franklin County Fair at Sheldon, winning beautifully.

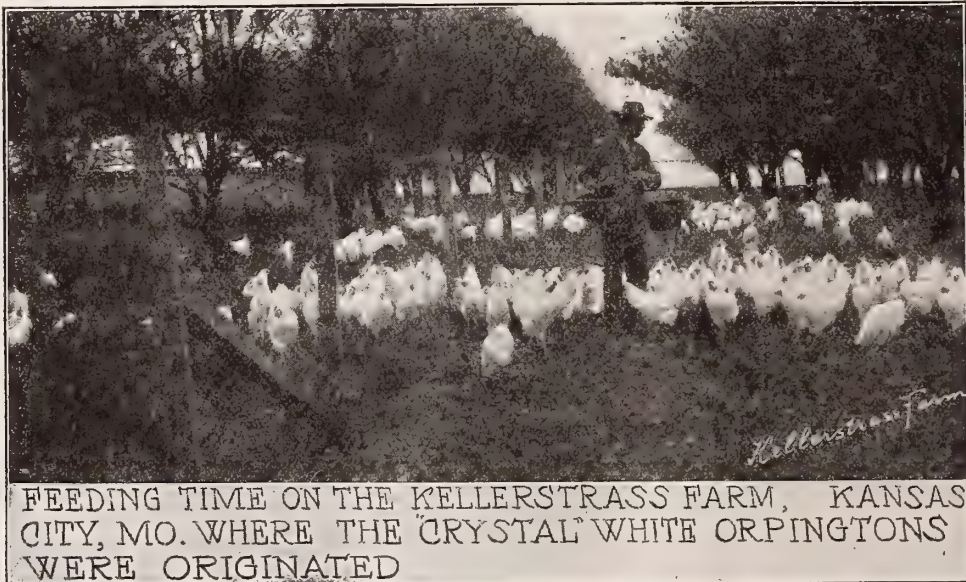
Incubating capacity bothered me, but I managed to set 160 eggs, securing 130 chickens.

I now have 100 beauties, and a good bunch of them are marked for ribbon eaters.

Mr. Rat, the midnight marauder, forced an entrance into one of my coops one night and started a bank account of seven nice Columbian chicks. One of my good steel traps closed on his locomotive gear and put a stop to his banking propensities in a very few hours.

White diarrhoea made a sudden charge on my little flock. A liberal spray of carbonol solution (three table-spoonsful to a quart of water) in the coops to kill the germs, boiled milk with four drops of carbolic acid to the pint to drink, and white diarrhoea disappeared like prize ribbons before Prouty, of Swanton.

Old king louse tried his luck. Again the carbonol solution worked wonders. That and a little Empire lice killer gave them their comeuppance in a hurry. Disadvantages and chick enemies have assailed me on every side, but I am in this game to stay and I



FEEDING TIME ON THE KELLERSTRASS FARM, KANSAS CITY, MO. WHERE THE "CRYSTAL" WHITE ORPINGTONS WERE ORIGINATED

rear chickens in a confined run, and hens that become broody are more trouble than those that do not sit. Some arrangements have to be made for confining the former when they desire to incubate. Extra room, which can ill be spared, is then required. Minorcas, Leghorns, Andalusians and Houdans will all suit a small run as non-setters, as they do not get broody and lay a number of eggs. They do well in confinement and with the exception of White Leghorns do not show smoke or dirt.

It is not necessary to have a male bird, as a hen will lay equally well without one. There is then no cock crowing nuisance and no annoyance to the neighbors. Young hens, moderate feeding with a breakfast of soft food early in the morning, cleanliness in the house and run and no overcrowding are the chief factors in satisfactory poultry keeping in small runs. The house must be water-tight with ventilation arranged for by a small opening near the roof. The perches must be placed

ple and as the breeds mentioned all lay white eggs, some White Wyandottes, Buff and Black Orpingtons will be useful. However large may be the space available, the beginner ought to start only on a small scale, adding to his stock later on if he finds that he is doing well.

A. V. Meersch.

AN AMATEUR'S EXPERIENCE.

A family of seven, small means and a hearty disgust for mongrels is a bad combination for the amateur.

By dint of hard work and close calculations I managed to purchase a sterling trio of Rose Comb Brown Leghorns, Rose Comb White Leghorns, and Columbian Wyandottes last January. Having purchased the Brown Leghorns just before the state show at St. Albans, I exhibited the same, winning some nice ribbons and a small prize. A desire for chicks was then strong within me. Securing two broody biddies, I had the good luck to hatch twenty-two fine chicks from them. Eighteen of these I now have. Six

calculate to be on the warpath all the time.

Now the summary of this humble account is this: Standard bred stock is the stock to raise; courage, perseverance and a constant lookout for breakers necessary; scrupulous cleanliness and untiring diligence coupled with good judgment spells success to the poultry man. My method in caring for my poultry house, colony houses and brood coops is to clean them of all droppings and dirt three times a week. Spray them with the above mentioned carbonol solution three times; and with gasoline twice a week. This treatment keeps all lice and disease germs away.

In conclusion, would like to say a word for the Columbian. One of those pullets has hatched me two fine broods of chicks and laid lots of eggs. The other has laid right through without going broody. I call them a most excellent breed. As for the Leghorns, the way they will lay is simply astonishing. Columbian Wyandotte and Leghorns for mine always.

H. B. Greene.

FANCY AND UTILITY.

BELIEVE it possible to combine the utility with the fancy points to make an all-round useful bird and a prize-winner, and if I cannot have both then give me the utility bird every time.

Some poultrymen think that they ought not to let their hens lay in the winter time if they are wanted for breeders, as that will detract from the egg's fertility in the spring when they want them for setting.

Now, then, how are they going to breed a 200-egg strain if their hens do not lay in the winter, or how are they going to breed that strong point into their chickens if they do not have their hens laying in the winter time, the most important time of all when eggs are at the highest price? You may not think that you want that kind of fowl, but your buyers are looking for that kind because eggs are a sure thing, but prizes are not always sure, and therefore if you want a strong selling point you want hens that lay in winter.

You have to watch all the points to make a profit. I do not believe in feeding too much, for you can feed too much. You will get no more eggs when you are feeding them so much as when you feed sparingly and let them scratch for a living. I have only a few White Wyandottes on a city lot. I feed twice a day and my chickens will dress nicely for the table any time I want to kill them, though they are not fat, and I get eggs from them all year, or at least ten months, from January to the end of October. Let them look for their feed and eat up clean all that you give them. I do not think it necessary to be always giving them some kind of forcing food. Feed judiciously, with variety. They should always have a run on some grass plot or garden, even if for only an hour or two a day. In the winter time they should always have a covered run or open scratching shed, and they should have green cut bone and clover meal or other grass.

Another important point in winter is that their sheds and roosting house be free from draughts, though there should be ventilation, and I find the muslin curtain the best yet. Then feed them regularly and give them water and grit.

They must also be kept clean and free from lice, or else they do not get the benefit of the best of feed.

—o—
We lead; others follow.

INCUBATORS AND BROODERS.

As the fall months are here and the fairs and poultry shows begin to come it is common to hear one say, "I am going to buy an incubator and brooder at this or that show this winter so I can get some early chicks next year." If so, now is the time before you buy to think it over what kind of an incubator or brooder to buy. Some will say, "I don't care what kind or make, so long as I get good hatches." So, for the benefit of American Poultry Journal readers, that it might save some one a poor hatch, I will write you my experience on this subject. As all my hatching has been done by hens, and that next year I must increase my stock, I decided to buy my first incubator at the

Poultry Show. I spent most of the day looking at this and that make of an incubator and brooder and I found that they all seemed to have had good hatches at the show, so I thought it was then a matter of choice on the looks of the machine, so I bought an 100-egg machine, hot air. I got it home all safe, unpacked and set up in the cellar and lit the lamp and got the heat up to 103 very slowly. Then I thought to run it empty for a few days, but every time I would open the door it would never come back to 103 degrees. It would be anywhere within 5 degrees above or under 103 degrees, but my courage was good, so I put 100 eggs in the machine, and I followed the directions as close as possible because I wanted my first venture to be successful and I wanted early chicks also. Well, I was up at all hours of the night trying to keep the heat at 103 degrees. After testing out I found my fertility 78 per cent, but on the twenty-first day I got seven chicks, weak and hardly able to come out of the shell, all dying in three days. It made me feel for the man that sold me the incubator. Then it started me to think that my incubator was fit for nothing but kindling wood, but how was I to know what was the matter with the machine. So in the summer in my spare time, with what experience I had and the aid of some good books, I found that an incubator must have a sensitive thermostat and must be properly ventilated, and that a machine which is properly ventilated in 99 cases out of 100 has self-supplied moisture. Of course, if you run your machine in a very dry room, then there will be lack of moisture in the air and some moisture must be supplied in the incubator, but these cases are very few. By proper ventilation I mean that fresh air coming in contact with a heated surface, but must not come in contact with

the fumes of the lamp; is taken into the incubator and drawn down through the egg chamber and then allowed to pass out of the machine. This being done, you have at all times a slow current of fresh air, containing its natural proportions of nitrogen, hydrogen, oxygen, etc., and warmed to 103 degrees, passing through your machine. But if your machine is not properly ventilated the deathly gases, which are thrown off from bad eggs or dead germs, make it impossible to hatch many chicks, and if a few hatch they are not worth raising, always being poor and never fit to breed from. This was the trouble with my first incubator—very poor circulation of air. Then, too, we must have a very sensitive thermostat, one that will expand and contract to the slightest fraction of a degree. Having these good qualities in an incubator, and good eggs, with proper care you will have good hatches.

Then comes the brooder question—just as important as the incubator, as it is no good hatching chicks only to die in the brooder. I have seen many brooders made by men that never thought it was necessary to study the proper construction of a brooder or the natural requirements of a chick's life, but in each case it has proved a costly experience. They thought that all that was necessary was to keep a house in which the chicks live warm. Under this treatment the chicks would soon die, and then they would say all brooders were no good. But I find by experience that a brooder must be supplied with fresh air containing its natural proportion of oxygen, hydrogen, nitrogen, etc. This is done by the fresh air being heated to a degree and taken direct into the hover, the chicks are allowed to breathe it, and then it passes out of the brooder. Therefore, it is as with an incubator—a slow current of pure air is at all times passing through your brooder. Of course the heat must be supplied from the top, as bottom heat causes leg weakness and other trouble. You may have heard your mother say to you, Keep your feet warm and your head cool, boy, but it is the other way with chicks. Keep the head warm and feet cool. I write on this subject for those who are intending to buy a machine at some show, believing it to be a seasonable subject, as a stitch in time saves nine.

—o—
Horace Pratt.

Never again, says the man who started with dunghills. Get a good strain to start with and be successful.

—
If you appreciate a Christmas gift see the inside back cover page of this issue.



HOUDANS

Houdans are fast taking the place of other breeds as winter egg producers. For centuries past they have been the leading egg producing breed of France. We raise Houdans by the thousands and always have for sale choice breeding and exhibition stock. Our new Houdan Book will soon be ready; send 10c for a copy. It will tell you all about Houdans and how to make money out of them. It tells the story of our success with Houdans. It cost hundreds of dollars. Send 10c for postage and if not satisfied you can keep it and we will refund the 10c.

Book January, 1911, egg orders now. 200 fine breeding and exhibition cockerels for sale at \$3, \$5, \$10 and \$25 each.

ORPINGTONS

BUFF
BLACK
WHITE

Are bred from the best strains in America. Our Houdan book tells about our Orpingtons.

DR. G. W. TAYLOR - Box A - ORLEANS, IND.

WHAT CONSTITUTES A GOOD POULTRY HOUSE.

GOOD hen houses are one of the most important items in successful poultry keeping. No matter what stock we have and what food we feed our birds, as long as they are poorly housed our success in poultry will be very doubtful. A poorly located and badly built house not only injures the productiveness of the birds but is a constant source of disease as well.

In order to get the best results we must bear in mind the following points when building a poultry house:

1. Good location.
2. Type of the house.

3. Amount of floor space for each bird.

4. Good ventilation.
5. Abundance of light.

1. Location.

In locating a poultry house three important points are to be considered:

(1) It should face south or southeast.

(2) It should stand on elevated and well drained land.

(3) It should be protected from prevailing winds by a hill, trees or other buildings.

2. Type of the house.

There are as many types of poultry houses as there are poultry keepers. Each type of a house is designed to meet certain conditions and has its advantages and disadvantages.

A single or double pen poultry house with an open front scratching shed I consider the most suitable under all conditions. The house must not be too high, as it is more expensive, has too much dead air space to be warmed up by the fowls; six and a half feet high in front and five feet in the rear is high enough. By having a shed roof we cut down the expenses and do away with the dead air space.

Whether to have the walls single or double boarded depends entirely on the climatic condition, while having the north side double boarded is always advisable.

The best and cheapest floor is the earthen one, specially when the soil is sandy. It also provides a place in which the birds like to wallow. By removing the top soil about 6 or 8 inches deep once or twice a year and replacing it with fresh soil, we keep the house in healthy condition.

To make the house rat-proof, dig a ditch around the house close to the walls, insert in the ground 1/2-inch mesh wire fencing, 12 to 18 inches deep and 18 inches above the surface, and staple it to the walls.

3. Floor surface.

In building a hen house we must remember that overcrowding is never economical. We must allow to each bird at least 4 square feet of floor space, for the light, active breeds, as the Leghorns, much more. In colder climates, where birds must spend much of the time inside the house, 10 square feet for each bird is not too much. A house 10x20 feet divided into two parts; a roosting place 10x8, with a window in front and an open front scratching shed 10x12, will comfortably accommodate from 25 to 30 birds.

4. Ventilation.

Ventilation is the main requirement in keeping the house in sanitary condition. No special means need be installed to secure ventilation. Keeping the window wide open during the day and also during the night, provided the window is protected with a muslin curtain, is all we need to provide thorough ventilation. In ventilating the house avoid draughts, as they are the main cause of many diseases, as colds, roup, etc.

5. Light.

Plenty of light is also very essential for the health of the birds. It makes the house cheerful and comfortable. The sun is the best germicide known, therefore in placing the windows we must see that the sun's rays should strike every spot in the house at some time during the day. But this does not mean to have too many windows. An ordinary window in the front of the roosting place and the open front of the scratching shed will fully answer the purpose.

B. Rabkin.

ANOTHER NEW ONE.

Profitable Poultry is the name given to a new poultry magazine, published at Boston, Mass., first issue of which made its appearance November 1. The editor is A. F. Hunter, the well known writer. The publishers claim that this magazine is going to be different, inasmuch as it will be published in the interest of its subscribers. We wonder if this is the same old story. We hope not. There is, however, a good field for a magazine of this kind and we wish them every success.

"ROYAL BLUE" BARRED PLYMOUTH ROCKS

The Greatest Prize Winning Strain in America—We have some very choice standard bred cockerels at very low prices and also a few very large Imperial Pekin Drakes, Rankin's strain direct. Our aim is please everybody and we can please you. Write for price list.

Sweet's Hill Poultry Yards : E. B. Sweet, Proprietor : R. F. D. 1, East Holden, Maine

S.C.W. Leghorns : S.C.R.I. Reds

We have 200 very choice utility and exhibition grand cockerels for sale. These are large fine colored birds. Also a few very fine females to spare. Now is the time to have us book your order for baby chicks for future delivery and eggs for hatching. We have the quality. Send for prices. See our advertisement in January number. Mention American Poultry Journal.

Greystone Poultry Farm, L. A. Dowing, Proprietor, Main St., Enfield, Mass.

"Evergold" Buff Wyandottes

are going to capture first money at some of the good shows this winter. Why not for you. Cockerels that will win and breed good ones are what you want. Write your needs to Gerald Williams originator of the Evergolds.

Feather Fine Farm - Wellington, Ohio

SKINNER'S STANDARD

WHITE WYANDOTTES

Special for December. Large, blocky snow-white cockerels; good comb; bay eyes; good enough to head any one breeding pen. \$5 each. Mention American Poultry Journal.

F. E. Skinner - Sandwich, Illinois

56 PRIZES ON BUFF, WHITE AND BLACK ORPINGTONS

At the Poughkeepsie, N. Y. Fair, Sept., 1910, where a total of 3900 birds of all breeds were exhibited, we won 25 prizes out of a possible 30. At the Brockton, Mass. Fair, Oct. 1910, usually conceded to be one of the two best if not the best of the fall Shows, we won 31 prizes, including a grand special for best display of Orpingtons. This year's show was the largest ever held at Brockton. The total number of birds of all breeds on exhibition was nearly 5000. We have the quality that will produce winners for any show. A few Buff and Black yearling cocks, and White and Buff cockerels for sale at low prices to make room. Eggs after January 1st. Day old chicks about March 1st. Send for day-old chick and egg circular.

Grannis Bros., R. F. D. 12, LaGrangeville, Dutchess County, New York



Barred Ply. Rocks

"Hoosier Strain"

One of the oldest and most popular strains. Winners at Chicago, Kansas City, Indianapolis, Fort Wayne and numerous other big shows.

For Sale: Show birds, both old and young, fit to win in any contest. Fancy breeders and utility birds that can be depended upon for first class results. 250 big, vigorous cockerels at \$2.50 to \$5 each. Write today. Satisfaction always guaranteed.

G. Earl Hoover, R. 24, Matthews, Ind.

AUTUMN REVERIES.

AUTUMN is here and the time for a general clean-up is at hand. It makes no difference if you are in the habit of cleaning your poultry houses twice a week; they should be given a good, thorough overhauling and cleaning before winter sets in.

Remove all nest boxes and white-wash or use some other good disinfectant back of them, for the favorite breeding place for mites is in darkness. They shun daylight as a cat shuns water.

some of the surface and replace with fresh earth.

The rainy season is here (I am speaking of central New York) and continual dampness prevails about the poultry yards, even if they are well drained, and some preparation must be made for a dust bath.

A box three feet square, twelve inches deep, placed on short legs and partially filled with road dirt or loam, will be duly appreciated with a full egg basket.

If you use round poles for roosts, be sure and remove the bark, for if this is not done they form one of the most

Finally I tried kerosene and carbolic acid, mixed, one ounce to the gallon, and sprayed on with a brush broom, in quantities sufficient to run down the wall.

This seemed to work first-rate, for I had the satisfaction of seeing several thousand turn on their backs and with feet waving in the air and other signs of distress, glorious for me to witness, pass to the great unknown, where lice lose their appetite for hen flesh.

It was immediately after this that I discovered the real cause of this great superabundance of lice, for in looking over the roosts to see if I had done a



Look carefully about the ends of the roost poles, if any are visible. It is because the cracks and seams in the woodwork are overpopulated and should have immediate attention.

Paint the under side of the roosts where they rest on whatever kind of support you may have for them with a preparation made by mixing kerosene and coal tar in equal parts, but do not get it where the fowls will get their feet in it, or sore feet may result.

No louse of bad character has ever been known to cross this 'paint' when he could possibly go around.

If you have a ground floor, remove

improved and up-to-date mite incubators I have ever had the misfortune to see.

Once while working about the yards I chanced upon a round, smooth, soft maple pole, and being in need of an extra roost, I placed it in a house where I had about sixty head of old fowls undergoing the process of fattening for market. In less than a week I noticed that this house seemed to be overrun with mites, although I had used the sprayer with kerosene about the roosts every other day. But kerosene seemed to be fattening to this particular strain of mites.

good job I chanced to put my hand on the end of this pole. What was my horror on taking it away to find it perfectly covered with mites as fresh and lively as ever. After killing what did not escape up my sleeve, in their mad rush to reach my head where they could ramble about in my hair, I lit a match and soon saw where the trouble was. Mites were pouring from beneath the bark on that pole in numbers that would probably have caused another rise in the price of kerosene before I could have purchased enough to have exterminated them in the way I was applying it. I immediately removed

LIGHT BRAHMAS—BARRED ROCKS

Our breeding yards this season contained our New York, Chicago, Detroit, Indianapolis and Toledo winners. No higher class breeding pens were ever mated. The result is we have young stock that is unsurpassed. If you want the best utility or exhibition birds, either Light Brahmas or Barred Plymouth Rocks, tell us just what you want, and we will quote you reasonable prices for stock of high quality. You had better purchase a few birds of high quality at a fair price than to get a lot of scrubs or market poultry for nothing. The older breeders know this. Some of the largest breeders in this country are our customers.

Our plant is modern and is kept in proper sanitary condition. Our stock is free from vermin, roup, tuberculosis and other diseases which result from filthy and insanitary quarters. Our stock is healthy and vigorous, and are great layers. Instead of buying medicines to dope sickly and weak stock, start with healthy birds that do not need doping. We want to hear from those breeders, either amateurs or professionals, who want the best, whether for utility or show purposes. We have published two catalogs, one on Light Brahmas, and one on Barred Plymouth Rocks. Send ten cents in silver or stamps and tell which variety you want, and we will mail you the handsomest illustrated poultry catalog you ever saw, describing our stock and plant, and giving prices.

We are also distributors for the NORWICH AUTOMATIC EXERCISERS and FEEDERS, and we ask you to turn back to the back cover and read the "ad" for these machines, which you will find there.

River Home Poultry Yards : Box B : Perrysburg, Ohio

the pole to the yard, chopped some holes in the bark, poured the interior full of kerosene and in five minutes, with the help of a lighted match, I was rid of the mite hatchery that had caused me days of hard work and worry.

Moral—Be thorough in what you do.
Arthur Hoatland.

TRAP NESTS.

It has been thoroughly demonstrated to the satisfaction of all thinking people that to obtain from a flock of hens more than the ordinary number of eggs something more than the mere breed is necessary. Housing, feeding and care are very essential, but

even the best housing, the most careful feeding, and the most excellent, expert, painstaking care will not produce the desired results without previous preparation, either directly or indirectly. You must have either prepared your flock for the emergency yourself, or some other person performed the duty for you.

Many farmers throughout these United States of America plant their corn crop from year to year without any definite aim or particular thought as to what will be the result. They plant whatever they find to be sound grain without due regard to its past production and in the harvest time are astonished at the light yield. They

may plant the crop in proper season, it may have all the providential assistance necessary, it may be cultivated to a "queen's taste," but without previous preparations the result will be disappointing if anything beyond the ordinary is expected.

In every community there are a few persons who wish to excel. Be they farmers, merchants, stockraisers, manufacturers or poultrymen. Each are endeavoring along legitimate lines to produce more satisfactory results than his neighbor. This has been especially true of the manufacturers and stockraisers, but not until the last quarter of a century was the poultry business considered of sufficient importance, save by an exceptional few, as to even suggest a scientific investigation. People who owned chickens were content with what eggs they obtained without any special effort, and consequently but few eggs were obtained, comparatively speaking, except at certain seasons of the year. But in these latter years of high prices it has been found that by the employment of proper methods the production of eggs can be made a profitable industry, and consequently greater efforts have been made to obtain more eggs from fewer hens. And as the breed, feed nor management alone would produce the desired result it was found necessary to begin the breeding from the healthiest, strongest, best layers obtainable, year after year, until a "laying strain" has been produced. To do this it is necessary to keep a correct record of each hen's production, and no better method has been found than the use of trap nests and leg bands. Anyone desiring to use trap nests without going to the expense of buying may construct same from any ordinary boxes as described below, which will be found to work excellently.

While it is not necessary to have nest boxes of any special dimensions, it is best to have them of uniform size if many are to be used, as it will add greatly to their appearance. The nest boxes here described were made by the writer for his own use and are twelve inches high, twelve inches wide and seventeen inches long. The door is hinged to a large wire, crossing the top at the front end of nest box and when raised to receive the hen is secured by thumb-latch. The box, of course, is covered, either with a lid or rests beneath the dropping board, and when the hen walks into the nest she is compelled to raise door, which releases thumb-latch, and when the hen passes in door, being released by thumb-latch, drops down behind the hen and she must there remain until taken out and the number recorded by the keeper. Geo. R. Cowan.

The New American Standard of Perfection is promised us this month. Send your order now and avoid the rush. Full particulars on inside back cover.

"Ignorance is bliss; 'tis folly to be wise." This may be in some cases, but not in the poultry business. Get wise and advertise.

Tell your friends about the good things in American Poultry Journal.

More people are starting in the poultry business this year than ever before. Is the business booming?

PRACTICAL REDS

Write to

A. G. CLARK

WILLOUGHBY, OHIO

Golden Laced Wyandottes

Pennington's pedigreed 200-egg strain have again proven their quality by winning at Mo. State Fair, October, 1910. 1st and 3d cock, 1st and 2d hen, 2d and 3d cockerel, and the same week at Illinois State Fair, 1st and 2d cock, 1st and 2d hen, 1st and 2d cockerel, 1st, 2d and 3d pullet and 1st pen. I have a choice lot of exhibition and breeding birds for sale, which were sired by my Missouri State Show and Chicago winning males.

J. S. Pennington. Box A, Plainfield, Illinois

CRYSTAL WHITE SINGLE COMB

Orpingtons

Kellerstrass strain. Large size, heavy laying strain. Pen No. 1, headed by first prize cockerel at State Fair, Dallas, Texas, mated to fine, large females, \$10.00 per 15. From Pen No. 2, grand birds, \$5.00 per 15. No. 3, utility, \$2.50 per 15. Orders booked for future delivery. Secure a setting of fine eggs before the spring rush. Some stock for sale. Texas birds are great. Breeder of White Orpingtons only.

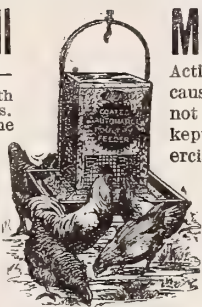
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TIOGA, TEXAS

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Cut in Half

When your poultry pens are equipped with Coates' Poultry Exercisers and Feeders. Saves feed, time, worry and money. One filling lasts a week or more, according to number of fowls fed. Keeps them healthy and prolific egg crop doubled. Absolutely rat and bird proof. Every poultryman needs one or more. Four sizes, \$1.25, \$2, \$3 and \$3.50 each. Your money back if you are not perfectly satisfied. Pat. Mch. 20, '06, April 23, '07. Descriptive folders free. The only automatic feeder in the world that will feed automatically grain, fine chick feed and mash feed.



Sole Manufacturers

Make Your Hens Work

Active fowls only are money-makers, because they are egg layers. Lazy hens do not lay; they are profit eaters. They are kept active when fed from the Coates' Exerciser and Feeder. It is three feeders in one. It feeds chick feed, mash or grain equally as well. Can be hung up in the hen house, under a tree or any suitable location. If your dealer does not supply you, send us your order today. Prompt shipment. Satisfaction guaranteed.

G. P. Coates Co.

Box B

Norwich, Conn.

Poultry Truths

S. B. TWINING, Author

Would Make an Acceptable

Christmas Present

Copies Obtained by Sending \$1.00 to

"Afton Farm," Yardley, Penna.

A FEW HINTS ON PREPARING BIRDS FOR THE SHOW ROOM.

AS the show season is here, I think quite a number of breeders who are amateurs in exhibiting poultry would like to know something about the same.

The first thing you must have is good stock, and if you want your birds to win you must fix them up according to the variety you have. Don't think for a minute that if you have good birds that you can pick them right from your yards and send them to the shows and expect them to win, for you will be greatly mistaken.

The main thing is, if you get good stock is to get your birds into first-class condition. This can be done by selecting the best birds and penning them up. Birds that are clean legged must be made to scratch as much as possible for about a month before showing them, and those that have feathers on feet must be fed from a trough so as not to let them scratch and break their toe feathers. Also pluck all broken off feathers that have been broken while they were in the run.

By letting the clean legged varieties scratch, it gives the legs a nice, glossy appearance and puts the birds in good condition, and by not letting the feather footed varieties scratch it gives the feathers a chance to grow, which adds much beauty to the bird.

All birds, especially white birds, ought to be washed. This should be done at least one month before the show, because it takes quite a while for the feathers to straighten out and go back to their natural form. Some breeders wash their birds about a week before the show, and when showing time comes they look more like the frizzle varieties than anything else.

When washing your birds select a nice warm, sunny room, take water that is just about warm, wash the comb, head, beak and lobes good, then get at the feathers and soap them up good, then rinse them off and then get at the legs and wash same thoroughly. After this is done take the birds and place them near a good warm stove for at least half a day, until the feathers get good and dry. Then take them out and rub the feathers the way they run, to get them back in their natural position. Do this at least once a day until the show.

When showing the Cochine varieties, great care should be taken to get the feathers nice and soft as possible. The feathers on the hocks and the fluff should be combed just the opposite way they run, so as to make them fluffy and to make them extend outward as much as possible.

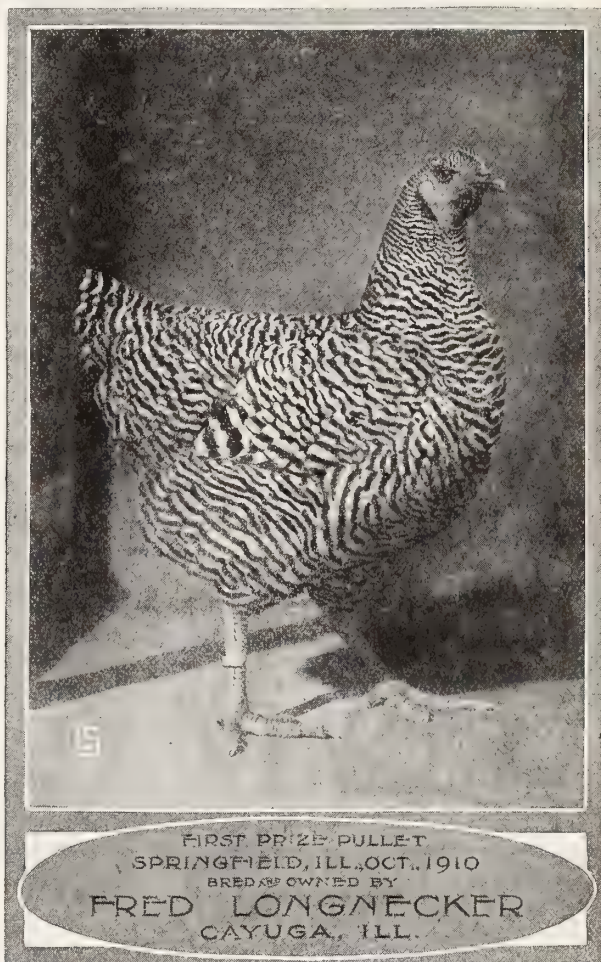
Always try to tame the birds by handling them quite often and feed them from your hands, so that when the judge starts to handle them they will not try to get away. Always try to have them stand to the best advantage of their shape.

Before shipping feed them a pinch of onions, which gives the comb a nice red appearance.

As the weather is not very nice at this time of the year, great care must

DRY FEED FORMULA AND DESCRIPTIONS OF FEED BOXES FOR SAME.

DRY feed method for fowls appeals to me because of its seeming good common sense. We all know hens lay best usually when out on the range in summer. We know also that here their food consists of whole dry grains, instead of mashes, and insects, grasses, etc.



be taken when shipping to have the birds comfortable, so as to prevent roup, and so as not to have the birds freeze their combs. Advertise your birds at the show, and if you prepare your birds as above stated you will win your share of prizes, and will be well paid for the work done.

H. J. Weiss.

We lead; others follow.

This article must be too short to go into details, therefore I will briefly give you the formula for a dry meal mixture which I prefer to any other I have tried:

200 pounds wheat bran.
100 pounds cornmeal.
100 pounds middlings.
100 pounds gluten meal or brewer's grain.
100 pounds linseed meal.

Big Money in Rhode Island Reds!

No breed excels the REDS for laying, beauty, general purposes, or show room. No strain of Reds excel

Buschmann's Non-Fading Rose Comb Rhode Island Reds

Our show record in NINE different states during the past seven years stands unequalled. **THREE GREAT RECORDS THIS FALL.** Indiana State Fair, Tennessee State Fair, and Illinois State Fair. **FIFTY-ONE OUT OF A POSSIBLE FIFTY-FIVE PRIZES.** Our other records in 1909 and 1910 stand out above any other breeder at such shows as Cincinnati, Ohio, Indiana State Fair, Illinois State Fair, Chicago, Kansas City, and Fanciers' Association Show, Indianapolis. Four different cock birds took four first prizes at four of these shows. Our sales list and show records will be sent if interested.

2,500 Young Birds to Sell. 50 Cocks and 100 Hens to Sell

Have you seen my "Origin and History of Rhode Island Reds," also how to mate, line breed and judge them. Send ten two-cent stamps.

C. L. Buschmann, Non-Fading R. C. Rhode Island Reds, 4939 N. Meridian St., Indianapolis, Ind.



100 pounds beef scrap.

These materials are emptied on the floor in layers and shoveled over until thoroughly mixed, then stored in some clean, mouse-proof place.

This is the same mixture as used at our experiment station at Orono, Me. I also feed the same kind and quantity of whole grains as is used there, namely, 4 quarts cracked corn for one of the feeds (I feed this at night) and 2 quarts wheat and 2 quarts oats per day for 100 fowls.

The meal mixture is kept by them all the time, as is charcoal, grit, oyster shells and dry cracked bone.

When possible vegetables of some kind are provided, also cut clover.

The best thing to feed the meal mixture in is the feed boxes manufactured by the Orono plans. They use two kinds, one for the houses and another style is for outdoor use, for fowls or growing stock on the range. As there will be no better time than the present winter to prepare for next summer's work, I will tell you how to build these feed troughs.

A board 7 inches wide and as long as you desire your box to be is used for the bottom; the ends should be the same width and 18 inches high. Board the back up and use a board on top for a cover, sloping it forward enough so

the fowls cannot stay on it. Nail a strip 5 inches wide along the front edge of the bottom for the side of the trough. Pieces of lath are nailed upright on the front 2 inches apart between which the hens reach through for the food. A thin strip is fastened to the front of the trough at an angle of 45 degrees to catch the meal pulled out by the birds and would otherwise be wasted.

The outdoor feed trough is made nearly like No. 1, except the ends are cut gable and 16 inches high. There are laths on both front and back. The box is 6 to 10 feet long and covered by a roof which projects 2 inches at the sides, to keep out the rain.

By lifting one end of the roof (it is not fastened) and sliding it endwise on the opposite gable the trough may be filled without lifting. Place this in a sheltered position and its contents will remain dry unless during a heavy rain and wind storm. D. M. Grover.

THE GREAT ILLINOIS STATE SHOW.

The officials in charge of the Illinois State Poultry Show, which will be held in the State Arsenal, Springfield, Ill., January 2 to 7, 1911, are making a strenuous effort to put the seventeenth annual

exhibition ahead of all former exhibitions, and to make it the biggest and best poultry show in the West; and there is no reason why it should not be accomplished.

The city of Springfield is located in the center of the greatest agricultural district in the world, while the railroad and inter-urban conditions are among the best.

The Illinois State Arsenal, where the show will be held, has the largest ground floor space of any building in the United States. The show will be cooped with the beautiful new Empire coops and the prizes offered are most liberal.

Besides the remarkable cash prizes offered, over one hundred silver cups will be given. The congressmen and senators of each congressional and senatorial district are offering a silver cup. Five hundred dollars in cash specials will be offered by the Sangamon County Poultry Association and a \$5 gold special will be offered on the best ten females in each variety.

One of the special features of the exhibition will be the new classification of display yards. These yards will be displayed on the floor around the outer wall of the room. Every evening during the show a pair of some variety of fowls will be given away, which will no doubt be a great attraction to the public.

Another prominent feature of the show this year will be the dressed poultry and egg exhibit. Liberal prizes will be offered and a number of specials will be awarded to exhibitors in these classes.

The poultry institute will be interesting as well as attractive. Sessions of the institute will be held Wednesday and Thursday afternoon and night and Friday afternoon. A large part of the program will be given over to the judges of the show, who will explain the good and bad points of the winners of the different classes.

The judges selected to place the awards are Theo. Hewes, W. C. Pierce, A. F. Kummer, Charles V. Keeler, D. T. Heimlich, J. A. Johnston and Robert Joos. Frank C. Hare will place the awards in the eggs and dressed poultry department.

The premium list is ready for distribution. Send for one.

For further information address
O. L. McCord, Secretary,
Danville, Ill.

Boston Show premium lists will be out about December 1. From present indications there will be more new exhibitors than ever before. The following judges have been engaged: C. M. Bryant, Rhode Island Reds; C. A. Ballou, Partridge and Silver Laced Wyandottes; W. H. Card, Brown Leghorns; J. M. Cutting, water fowl and turkeys; J. H. Drevenstedt, Houdans, Golden Wyandottes and Ornamental Bantams, except Cochins; F. P. Magoun, Games and Game Bantams; E. H. George, White Plymouth Rocks; H. B. Gleezen, Pit Games; Horace Havemyer, White Wyandottes; Henry R. Ingalls, Buff Wyandottes and Buff Plymouth Rocks; A. Mowll, Dorkings; Wm. G. Minich, Polands; Wm. McNeill, Hamburgs; R. Oke, Langshans, Orpingtons, Cochin Bantams and Spanish; F. W. Rogers, Columbian Wyandottes and Dark Brahmas; H. N. Rollins, Light Brahmas; H. P. Schwab, Columbian, Silver Penciled and Partridge Plymouth Rocks; W. F. Fotteral, Buff Leghorns and Minorcas; D. P. Shove, American Dominiques and Andalusians; C. A. Wheeler, Silver Penciled and Black Wyandottes; George W. Weed, White Leghorns and Buckeyes.

W. B. Atherton, Sec.

30 Broad street, Boston, Mass.

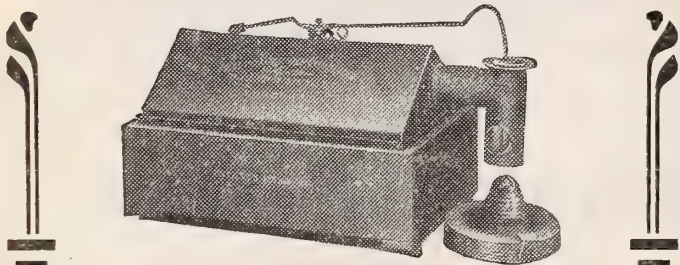
Poultry Queen Fountain

Keeps water from freezing in Winter without fire. In Summer it keeps fresh and cool for days. It is a Sanitary and labor saving device; a living spring of pure, clean, fresh water, ready at all times Winter and Summer. More eggs, healthier fowls and less labor. Send for free circular. Mention this Journal.

Bryan Manufacturing Co., : Inventors and Manufacturers : Cadiz, Ohio

THE WIZARD BROODER-INCUBATOR

A Remarkable Invention



For the first time in all history, a Machine that duplicates the natural processes of incubating and brooding. In reality

A NATURE HEN

sitting upon her nest of eggs directly upon the ground, or in a box of SAND or SOIL. Develops embryos wonderfully stimulated and SUSTAINED by

ELECTRICITY FROM MOTHER EARTH

"Electricity is Life". Necessary MOISTURE and CARBON DI-OXIDE AUTOMATICALLY DRAWN FROM THE GROUND, BY WARMTH OF NEST. No more wondering if chicks are being "dried out" and killed in the shells. "MOIST DIRT" under the eggs tells the whole story. So-called "Moisture Indicators" fade before this simple TEST OF NATURE. A WIZARD BROODER-INCUBATOR IS A REACH OF 50 YEARS INTO THE FUTURE. It is the first real back-to-nature hatcher and mother ever produced. It will succeed in altitudes where the ordinary incubator CAN NOT. Wherever a hen will bring off a brood, there a Wizard will also, and just as MANY and just as NATURALLY, as it employs THE SAME AGENCIES.

We want you to KNOW this wonderfully SIMPLE, SAFE and DEPENDABLE MOTHER-HEN HATCHER. Send for our free literature. It will tell you a few things about incubators not generally known, and will PUT YOU TO THINKING. If you will say on card "Send Booklet A we will show you a Wizard in colors. Don't forget to specify Booklet A if you want to see this wonderful little NATURE-HEN in true-to-life colors. Send along the card and let us get acquainted. Address

WIZARD MANUFACTURING CO. - - MORROW, OHIO

CARE OF POULTRY.

WHILE the time consumed in caring for a small flock of poultry is small, amounting to very little, yet when the number of fowls kept reaches into the hundreds caring for them is quite an item, and, whether the flock is large or small, economy of time adds to the profits of the yard.

I will give in the following lines my method of caring for the poultry on our farm.

The first trip of the day is made as early in the morning as possible after light. The grain, which consists of wheat, barley or oats (alternating them for the sake of giving the birds a variety), is scattered widely over the run, which keeps the birds busy picking up their breakfast, but if the weather is stormy or the ground wet, the grain is scattered in the house, the dirt floor

of which is covered with about three inches of leaves or litter.

The drinking fountains are filled at this time, and this is an important part of the care of poultry and should not be overlooked, as it is estimated that the egg is composed of 74 per cent of water, it is as essential as the feed.

At noon the drinking fountains are again filled, and the birds fed with table scraps and vegetables. At this time all eggs in the nests are collected, and as most hens lay between the hours of seven and one, there will be few eggs left in the nests during the afternoon. About one hour before sunset the evening meal is fed, which is cracked corn or (in very cold weather) whole corn. This is thrown on the ground in the yards or in V-shaped troughs in the houses, so that the birds can eat what they want quickly and go to bed. The fountains are refilled at this time and you will notice, if you watch them closely, that each bird as she finishes eating will take a few swallows of water and then proceed to the roost. What eggs are laid late in the day are now collected, and by that time the fowls are for the most part gone to roost.

Now the drinking fountains are emptied out and rinsed and are ready for use in the morning, and will not be broken or have to be thawed out before they can be used in the morning.

Thus can be done in three trips what usually takes as many more. Once a week the roosts and houses are thoroughly cleaned, litter changed and grit and charcoal boxes are refilled.

Lewis Hale.

"KEMPTON" RECIPE.

Double the following recipe is sufficient to feed 123 hens each morning: Four quarts of cut clover, 1 quart meat scraps, 2 quarts Indian meal, 2 quarts H. O. poultry flesh, 1 tablespoon salt, 1 large iron spoonful of air-slacked lime.

I take a large iron dishpan, put all in this pan and mix to a crumbling mash, wetting it with hot water, and I mix with my hands till every part of it looks alike and the lime has sweetened and killed all the germs in the clover or grain; this gives lime for shells and keeps the bowels in fine condition. This I give just warm each morning. Noon meal just this amount.

I give about the same amount, but of grain which makes a deep baking pan full of: Wheat, 3 quarts; crack corn, 1 quart; buckwheat, 2 quarts; oats, 3 quarts. This sits on the back of my stove to warm from morning till noon, and the same about 5:30 now every night that has been also warmed. No cold grain is fed to my flock in any way from early fall till warm weather. Fresh cold water, changed three times daily, is before them all the time. I have never heard of any person feeding in this way. We have kept White Rocks—Fishel's strain—for ten years, breeding no other kind. I now have 123 birds, from which I get from 70 to 80 eggs daily, and they have had this special feeding, and they are fine, handsome birds, white as snow, with heads a healthy red, and the song is deafening as you go to them in the morning. We have burlap to half of the upper windows, so the houses are always fresh, and the drop-board, which runs the whole length of the house is cleaned every morning before

any food is taken into the house. All water is emptied every night and the dishes turned to drain. The dressing we put in barrels and sell to greenhouse men. I box my eggs every night, cleaning every soiled one and saving all the small ones for home use. I have regular customers, who take so many eggs at different days in the week, so my eggs are up to a fine state of freshness and size all the time. I sell no eggs to stores, so I save on each dozen what the store man would put in his pocket. Our hens have always paid all expenses and a handsome nest egg every year. Last year I hatched and sold over 600 chickens with one incubator, and in September 20 of the best pullets brought me \$40

Whether or not you start
with one

Sooner or Later you will buy a DE LAVAL

The more you come to know about cream separators the better you will understand the overwhelming superiority of the DE LAVAL.

THE DE LAVAL SEPARATOR CO.

165-167 BROADWAY,
NEW YORK.

42 E. MADISON ST.
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Big Incubator Value



Send for
Free Book

Successful incubators have always been superior to all others. This year they are better than ever before and the price is lower. Get our direct-to-you proposition and Big FREE Book and low price before you pay a cent for any incubator. We want to prove to you that this is the biggest real value ever offered.

Successful Incubators

have 20 years experience back of them. Every fault of others eliminated. New special features developed this year. Ventilation, heating, regulation, all perfect. Don't experiment. Get a SUCCESSFUL—the sure, certain money-maker. Get our price and book NOW. If you want booklet on "Proper Care and Feeding of Chicks, Ducks and Turkeys," send 10c. Catalogue is FREE. Write postal.

Des Moines Incubator Co., 1 Second St., Des Moines, Ia.

PATENTS START FACTORIES



We Secure Patents. NO FEE IF WE FAIL. Start right. Free book—How to obtain, finance and promote patents. Send sketch or model for free search. FARNHAM & SUES, Pat. Attys., WASHINGTON, D. C.



POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; send for it today. Also poultry postcards; samples free. CHAS. L. STILES, Columbus, O.

GALBRAITH "NEW LAND" FRUIT TREES

Free from Disease. Grow faster. Heavier fruiting. Yearling Apples 9c. Other fruit in proportion. Full line ornamentals. No agents. You save 50 per cent. Complete catalogue free. Galbraith Nursery Co., Box 23 Fairbury, Neb.

ATLAS PORTLAND CEMENT

Makes The Best Concrete

GREIDER'S FINE CATALOGUE

of pure-bred poultry for 1910, 200 pages, handsomely illustrated, 150 engravings, photos, 30 fine colored plates, describes 65 varieties of land and water fowls, gives low prices of stock, eggs, incubators, poultry supplies, etc. How to care for poultry and all details. Price 10c., send to-day. B. H. GREIDER, Box 101, Rhams, Pa.

Make Your Own Repairs!

Mends Harness, Shoes, Canvas, Mylers Sewing Awl makes lock-stitch like sewing machine. \$1 postpaid. BIG MONEY FOR AGENTS. C. A. MYERS CO. 6310 Lexington Ave., Chicago, Ill.

THE ONE GREAT ROUP CURE

Don't lose a single bird. No matter how nearly gone Eureka Tablets will save them all. Colds, Sneezes, Roup and other diseases vanish by their use. Conditions and prevents fowls contracting disease in the show room.

Eureka Tonic and Roup Tablets

have saved others hundreds of dollars. Read what eminent authorities say: "Have lost no less than \$200 worth of birds by not having your valuable remedy."—Loring Brown, the South's leading judge. "Send me six dozen boxes by return mail."—J. C. Fishel & Son. "Send 50 boxes at once."—F. H. Shellabarger, the leading Western judge. 1,000 testimonials. Full size box (65 tablets) 25 cents; 5 boxes \$1.00.

The Coleman Company, 20 Plymouth St., Lexington, O.
AGENTS WANTED

Save Your Fowls By Inoculation

Cholera, Roup and White Diarrhea can not exist in the poultry yard if your fowls have been inoculated with Oculum.

The most fatal germ diseases known have been conquered by means of inoculation. Cholera, Croup and White Diarrhea are germ diseases. Inoculation with Oculum kills the germ, thus cures the disease. Oculum is also a sure preventive.

"OCULUM"

Registered Trade Mark

Oculum is a wonderful new discovery that is saving thousands of valuable fowls every day. Poultrymen say it is successful beyond belief. Even the most advanced cases of Cholera, Roup and White Diarrhea have been cured with Oculum.

If you want healthy poultry, turkeys, pigeons, or other fowls, send for a bottle of Oculum and inoculate the whole flock as a preventive. Insures health in the poultry yard. Increases egg yield. Saves money and makes money for you.

Means Millions of Dollars to Poultry Men

Hancock Inoculum Co., Inc.,
Salem, Va.

Gentlemen:—Last June our grown fowls were dying rapidly from cholera, and our chicks (1200) were nearly all dead, when we inoculated all the poultry on the farm with Oculum. In a short time the poultry were free from disease, and we have hatched this year from these cholera infected hens and cocks (Young's strain) 2,000 chicks, and have inoculated them all with Oculum. Our loss this year has been less than 3 per cent. We can not praise Oculum too highly. By its use poultry, turkeys and ducks can be made to pay handsomely, as from 80 to 90 per cent of all chicks hatched can be reared. Oculum means millions of dollars to the poultry world. SPEDWELL POULTRY FARM.

Salem, Va.
Ask for Oculum at the store. If you can not get it, send us dealer's name and 25c. for trial bottle or \$1. for large bottle. If it fails to do all we claim we'll return your money. Circular B and testimonials free on request.

Send for Oculum right away

THE HANCOCK INOCULATUM CO. Salem, Va.

cash in hand; 40 pullets for my own flock, and 98 pounds of broilers were sold at 30 and 28 cents a pound from the two hatches in March. I run my incubator from February 12 to September 14 continually, selling chicks as fast, from three days old to the larger ones. There is money in keeping hens and work, plenty of it. We have done all this on a small plot of land with hen houses 36 feet long, and this last fall a new one 12 feet long.

This article may be of use to you and a help to other women who keep hens.

Mrs. W. H. Kempton.

THE POULTRY BREEDER'S CORRESPONDENCE.

In this article it is my aim to help those poultry breeders who do not often come into touch with the great business world of today. No one, I am sure, will deny that good advertising literature and neat correspondence will aid, to a great extent, in the selling of goods of every character. This fact is just as true with the poultry business as with any other, and I believe that failures to



PILE'S 65 VARIETIES
Land and Water Fowls—Farm raised stock, with eggs in season. Send 2c for my valuable illustrated descriptive poultry book for 1911. Write today. Henry Pile, Box 600, Freeport, Illinois



MAMMOTH BRONZE TURKEYS—Large, well marked, young toms that will please you in every respect. Also some fine cockerels. Single Comb Buff Orpingtons, White Wyandottes and Mottled Auconas. Satisfaction guaranteed. GEO. REILING, Springerton, Illinois 12-1

OLD DOMINION STRAIN

Barred Rocks

They lay, they pay. Young and old stock from my Washington, Buffalo and Richmond winners for sale. Satisfaction guaranteed. Mention A. P. J.

Chas. C. Wine, Route 1, Mt. Sidney, Virginia

R. C. R. I. REDS

Cockerels bred from my Chicago and Indianapolis winners, \$3 up.

E. E. Beck, Valparaiso, Indiana
Formerly of Hammond, Indiana

One Minute Lice Killer

WHY IT IS

Sudden death to lice and mites; harmless to man or beast; the cheapest; guaranteed; the best. Send 10 cents in stamps for sample can with full information and directions.

C. F. Grimm, Dept. A, Atchison, Kansas

Get Eggs Now

No fancy system needed. Simply use a **Naturo Ensilage Cabinet** (Portable Poultry Silo.) Not like stock silo, but is movable and produces a most palatable and appetizing substance, highly nutritious and very rich in elements necessary to induce enormous egg production, making your main

Feed for 75 Fowls, Only 3 Cents Per Day

Send for free circular describing the two sizes—fancy and commercial, and the story of Three Dozen Hens, also free. Agents wanted. Write today.

A. Kinnicutt, West Albany, New York
Makes Cheap Feed That Makes Hens Lay

make sales after advertisers receive inquiries from their advertisements are due, in no small degree, to their inability to write a good business letter.

Letter-writing has become an art, and many schools throughout the country are today making a specialty of this branch in their commercial courses. A great many books have been written on the subject also and it would be of exceptional benefit to many of the readers of this publication if they could read one of these books. Following the object of this article as set forth in the first paragraph the writer will give some points which it will be well worth remembering.

Neatness is one of the essentials of business correspondence. Don't have cheap paper that blurs when you write on it, and don't have flashy letter-heads. If your present letter paper is blazoned with a half dozen illustrations of hens and cocks and some printing which was done in the backwoods, consign it to the scrap basket. Have new printed—it will more than pay for itself. Don't look on an expenditure of money for such an improvement as an expense—it is not—it is an investment.

There was a time when upon going into business a man hung out a shingle, but nowadays he hangs out a gold-lettered sign which is truly a work of art.

Have your letters typewritten if possible. A fairly good second-hand typewriter can be bought for a very small sum or a good machine may be hired for \$3 a month. If you prefer to have them written in long-hand, let the best writer in your family write them, and be sure that plain (unruled) paper is used.

Always be extremely courteous in the tone of your letters and let your prospective customer understand that you will be pleased to do business with him, and that, should he purchase and be dissatisfied you will be not only willing but glad to have him return his purchase and have you refill his order or refund his money as he chooses. It is strange what a remarkably good impression this offer of returning money has on the public and how few ever return their purchases and ask for the return of their money. There is a lot of good advice in the quotation, "There's almost as much in the way you treat customers as there is in the goods you give them."

In these days of higher education there are few who are unable to spell correctly, and such a letter as the first one, received by an intelligent person, is enough to kill almost any prospective sale.

Try in your letters to give all the information possible, being particular to answer all questions asked and telling some additional good features of the goods you are offering so that it will be unnecessary for your inquirer to write an additional letter before purchasing, as that is often the means of losing a sale.

Be prompt in your replies and courteous in all of your correspondence, but do not make your letters too long, as they become tiresome. Enclose with each reply an envelope of fair quality and with your name and address and the name of your particular breed of fowls printed thereon. This will be good advertising for you and may, if not used by the recipient at the time, result in a sale at some future time.

In a future article I expect to give

you some information and advice in relation to the preparation of your advertisements and advertising literature.

H. Brevoort Zabriskie.

AMERICAN POULTRY ASSOCIATION MID-WEST BRANCH ELECTION.

The next annual meeting of the above association will be held at Chicago December 10, Saturday, at the Coliseum.

At the recent election the following officers were elected:

President—Irving A. Sibley, South Bend, Ind.

Vice-presidents—F. H. Shallabarger, West Liberty, Ia.; E. G. Roberts, Fort Atkinson, Wis.; C. L. Buschmann, Indianapolis, Ind.; S. A. Lapham, Dearborn, Mich.

Secretary and Treasurer—A. J. Smith, Cedar Rapids, Ia.

Members of Executive Board—Three years, H. W. Halbach, Waterford, Wis.; Henry C. Dipple, Indianapolis, Ind. One year (to fill vacancy for Illinois, who has withdrawn), S. B. Mills, Ames, Iowa; E. C. Hungerford, Concord, Mich.

Member of Finance Committee—James A. Tucker, Concord, Mich.; S. A. Noftzger, North Manchester, Ind.; Chas. N. Keeler, Winamac, Ind.

Place of annual meeting—Chicago, Ill.

Time of annual meeting—December 10, 1910.

Winter layers are the payers. "Successful Poultry Culture" tells you how to make your hens lay in winter. Complete details on another page.

We lead; others follow.

S. C. White Orpingtons

Kellerstrass strain. Four pens for the egg trade. Booking orders now. Also 100 early hatched birds for sale. Send for photo of birds and pens. EDGEWATER POULTRY FARM, 1226 Carmen Ave., Chicago, Illinois

BAY VIEW POULTRY FARM

Port Washington, N. Y.

Look for next month's ad.

CHERRY RED CO.

Rose Comb Reds only. Have won at Chicago, Elgin, Sedalia, Mo., etc. for years. Some choice chicks for sale at \$5 each. Ship back at my expense if not satisfactory. H. J. Shannon, Prop., Box 34 Cary Sta. Ill.

DIDRIKSEN'S CHAMPIONS

Black Minorcas, S. and R. C. Eggs for hatching at half price, \$2.50 per 15, from Chicago, Minneapolis and Buffalo, N. Y., first prize winners. Breeding stock for sale.

A. Didriksen, Whitewater, Wisconsin

WHITE PLYMOUTH ROCKS

A few of my choice breeders for sale now at prices that will move them quick. Write your wants. I can satisfy you.

Wm. C. Eagley, :: No. Girard, Penna.

**Shelly's
Reds**

RHODE ISLAND REDS
SINGLE COMB
BRED FOR
EXHIBITION
AND HEAVY LAYING
ILLUSTRATED CATALOG FREE
ELLIS S. SHELLY
Williamsburg, Penn'a.

A PRACTICAL EXPERIMENT WITH LICE AND MITES.

The most effective and sneaking enemies of the poultryman are the lice and mites, yet many breeders fail to keep on the lookout for their approach, and never stop to give the matter a second thought. He might be a successful poultryman, yet neglect the important fact that they must be kept absent. No less than 10 per cent of the diseases of poultry is caused by these flesh-loving pests. It is plain to be seen that a fowl invested with this form of insect life cannot be profitable under the best of conditions. She is bothered night and day with them, her food goes to their support instead of her own, therefore she becomes weak and cannot withstand the most common diseases, while the lice and their helpers multiply rapidly and soon claim their victim entirely. However, the trouble cannot be considered over, after the one dies and the lice destroyed that caused her loss. This is not the only one of the flock that is infested by them; without a doubt each and every bird of the house contains more or less.

More fowls are devoted to this disastrous cause than many suspect. Some wonder why he does not secure more profit by his manner of keeping his fowls. He purchases books of all subjects, hoping to find out his error, if there is one. Usually the last and important thing he thinks of is "the lice." He picks up one of his flock and finds it covered from head to tail. The next thing taken into consideration is "how to destroy them." He tries a way that is to his knowledge best; he manages to destroy a part of their number, and thinks it almost impossible to destroy every one, and is forced to leave it go at that. His fowls are soon infested as bad as ever, and the result is that he gets discouraged, becomes indifferent in his feeding and other matters that require attention, then a complete failure follows.

There are right and wrong ways to get at everything, also most difficult and less difficult ways to exterminate these almost invisible enemies that work so hard against the profits. When these pests were introduced into my coop I started out with the most difficult way to get rid of them, and did not succeed. I next took what may be termed as the less difficult way and succeeded entirely.

There are many ways in which the lice get their start. I will not give these, because common sense teaches this to almost every man. After once cleared of these tortures, they can easily be kept away by a good white-washing twice a year and a little carbon oil sprinkled around about the house once a week, but not too much, because the strong odor will not be any too healthy for the fowls. A good dust bath should also be in their reach at all times.

In October I purchased a bunch of fine pullets and put them into my coop without thinking that they might have a few of these sneaking enemies among their feathers. And not until a few weeks later did I think of it. I realized that they were not as healthy as they ought to be, and noticing their combs to be white at different times, and knowing of nothing else to cause this but the lice, I looked over a few of them and found that they had got a start on every bird. They proved to



J. V. ROHAN, Pres.

Mrs. M. J. Clifton of Quinlan, Oklahoma, settled the world's championship by winning the Successful Farming Hatching Contest against all other machines, March 29, 1910, by hatching 140 chickens—the full capacity of her machine—a 140-egg Belle City Incubator.

Many other machines were in the contest—other machines had high scores—but no

And Now You Can Buy The World's Champion 140-Egg Incubator Complete for Only \$7.55

WHY buy any other incubator at any price? Why not own a World's Champion Belle City? Yet, my price is only \$7.55 and remember, I furnish you a big, full size 140-egg machine at that figure.

other machine hatched its full capacity—140-egg size—140 eggs set—140 chicks hatched.

Why pay much more than my price for as large a capacity as the Belle City, or the same price for a much smaller machine, and yet get an unknown hatchery? I take great pride in the fact that I have started thousands and thousands of people in the money-making, poultry raising business, at small expense, for their complete outfit. What you want is a hatching outfit that is right in every detail—that's known to be perfect, yet simple in its operation—that will make a success from the very start, out of your very first hatch.

Freight Paid E. of Rockies

Complete Hatching Outfit—My \$7.55 Belle City Incubator and \$4.85 Brooder, Ordered Together Only \$11.50—Freight Prepaid East of Rockies

Let me ship you one of these complete outfits, all freight charges prepaid, to your station, on 90 days' free trial. The Belle City Incubator is an old, tried, tested, proven machine. I have been in the incubator business and my machines have been on the market for 28 years. I print thousands of testimonials and photographs of people who are using my machines in my printed matter. My plan is quick sales and a lot of them at a low price.

A brief description of the Championship Belle City Incubator is as follows:

Double walls—dead air space all over—copper tank and boiler—hot-water heater—best regulator—deep, roomy nursery—strong egg tray—high legs—double door—and everything that's any good on an incubator—all in the Belle City. "Tyco's" thermometer—egg

tester—burner and safety lamp included. The Belle City 140-chick Brooder is the only one having double walls and dead air spaces. I guarantee it to raise more healthy chicks than any other brooder made. Hot-water top heat—large, roomy, wire runway yard, with platform—metal safety lamp and burner.

I will be glad to send my literature of this complete hatching outfit free, giving you all the information you may want. I advise you to get your outfit early. Have it on hand all ready to run when your eggs are ready.

I have sold thousands of machines direct from my advertisement. Everyone that reads farm papers knows that I am responsible. If you want to, you take no risk in ordering direct from this advertisement.

Thousands Order Direct From This Advertisement and Save Money. Why Not You?

By ordering my Championship Belle City Incubator and Brooder together, you get the complete outfit for \$11.50—freight charges prepaid—(E. of Rockies.) This saves you 90 cents on the regular price of the incubator and brooder and gets the outfit delivered to you at your station, all freight charges prepaid—be ready to run when your eggs are ready to set.

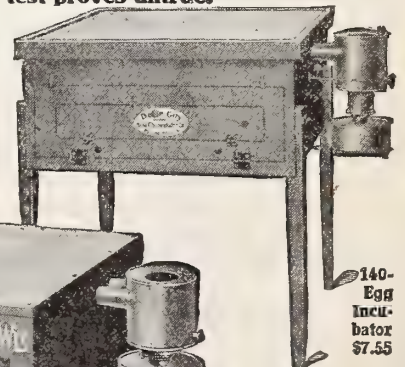
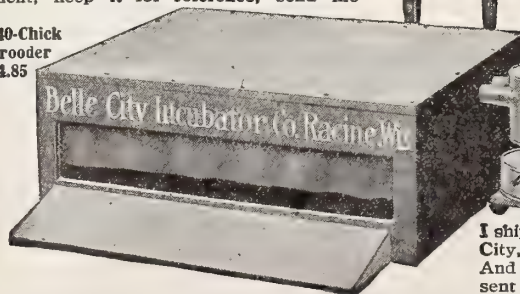
By ordering from this advertisement, you save time, save money, do away with possible delay in getting your machine and take no risk, because I guarantee to refund your money at the end of 90 days' free test if everything about my complete hatching outfit is not exactly as represented in this advertisement.

You can hold me to every claim made here. The editors of this paper protect your interests and stand back of me and my factory in guaranteeing to do as represented. Why not cut out this advertisement, keep it for reference, send me

your order, get your outfit at once, and be ready for the season.

I Guarantee the Belle City Incubator to out hatch any machine made—when operated under like conditions—no matter what kind or what the price. Your money back if this test proves untrue.

140-Chick Brooder \$4.85



I ship quick from Buffalo, Kansas City, St. Paul or Racine—And I Guarantee to ship all orders sent from this ad on day received.

The Largest Manufacturer in the World of 140-Egg Incubators—the Best Size Under All Conditions.

J. V. ROHAN, President

Belle City Incubator Co., Box 27

Racine, Wis.

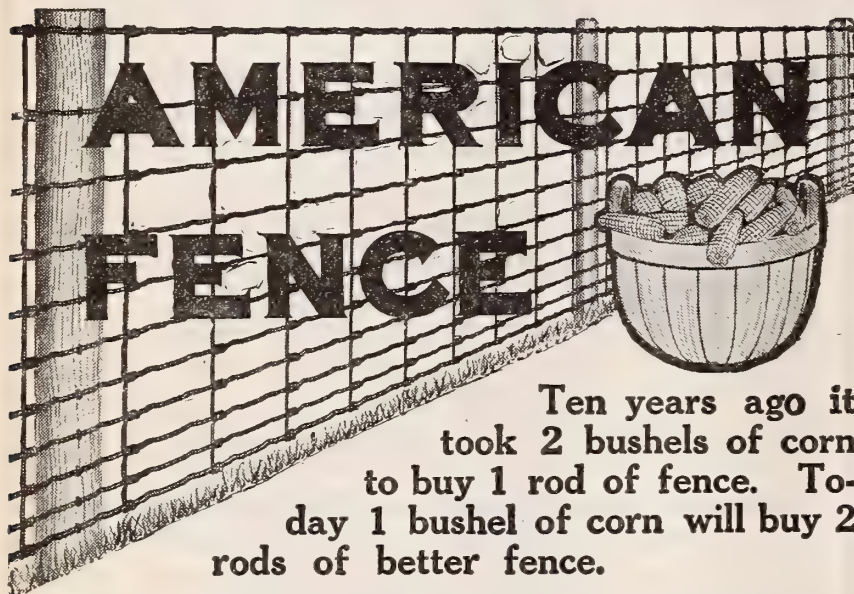
be worse on the ones I bought than the ones I had before. I did not get discouraged, but became very anxious to destroy them. I at once began using lice killer, first by taking each one of my forty hens separate, catching it off the roost at night and turning it downward (by holding it by the legs) to loosen the feathers. I then began sifting the powder from out of the holes of the box, dusting each one as thoroughly as I could. Four days later I repeated this, thinking it would kill the new ones and taking the old ones as all being destroyed. This method, though it is said to do its work, did not for me. I worked with them as patiently as could be done. I did not

make it a hurry-up job. But I still found the lice on them; the powder had been sifted in small piles here and there on the body, killing some in different parts, but always leaving a certain per cent of their number. I next purchased a small powder gun at the drug store, filling it about one-half full to keep it from getting stuffed up. I began dusting with it, putting the spout of the gun down in through the feathers, working it rapidly and shooting the dust all over their bodies. The lice killer came from the gun with such force in the form of dust (not piles) that it did not stop at one spot, but traveled all through the feathers; it could be smelled very strong. It took

an average of about four minutes per hen, but I certainly was astonished at the results. I have been unable to see lice of any description from then on, and I have looked thoroughly over about one-half of my flock. The next day I fumigated my house with sulphur to kill all lice that inhabited it. One week later I repeated the dusting again in the same manner to make sure to kill all new ones. I helped this along by putting a big handful of sulphur and lice killer to about every square foot of dust bath. My dust bath was made under roof, where my fowls started one themselves by scratching a hole in the ground, and when I seen they were all trying to use the one hole for their bathing, I dug seven or eight more for them, an average of about one foot square and about five inches deep; ashes was then put into the holes about one-half full, together with a large handful of the above named. They finished the holes themselves by picking and scratching at the sides to make it more round as they desired. All of this was completed in one week from the start, and now I have a bunch of as healthy and strong Single Comb White Leghorns as can be had; their combs certainly did brighten up again after the battle was over and the enemies annihilated.

Robert B. Ford.

Higher Cost of Living Does not Include Fence



Ten years ago it took 2 bushels of corn to buy 1 rod of fence. Today 1 bushel of corn will buy 2 rods of better fence.

Price Low—Quality Better Than Ever

Within ten years farm products have greatly advanced in market value while the price of woven wire fence has been reduced. These are the reasons: Newer and improved methods of digging the ore, shipping to the furnaces, melting into steel and making into finished products are in force. Ten years ago operations were on a small scale. Today the plan of operation is vast. The manufacturer is able to deliver the finished goods quickly, of better quality and at a lower price.

American fence is made better than ever. It is a thoroughly galvanized square mesh fence of weight, strength and durability. Large wires are used and the whole fabric is woven together with the American hinged joint (patented)—the most substantial and flexible union possible. Both wires are positively locked and firmly held against side slip and yet are free to act like a hinge in yielding to pressure, returning quickly to place without bending or injuring the metal.

Dealers Everywhere

Stocks of American Fence are carried in every place where farm supplies are sold. The Fence is shipped to these points in carload lots, thereby securing the cheapest transportation, and the saving in freight thus made enables it to be sold at the lowest prices. Look for the American Fence dealer and get the substantial advantages he is enabled to offer. He is there to serve the purchaser in person, offer the variety of selection and save the buyer money in many ways.

FRANK BAACKES, Vice-President and General Sales Agent

American Steel & Wire Company

Chicago

New York

Denver

San Francisco

Send for copy of "American Fence News," profusely illustrated, devoted to the interests of farmers and showing how fence may be employed to enhance the earning power of a farm. Furnished free upon application.

ROOSTS AND DROPPING BOARDS.

Most of our houses are fitted with double roosts and dropping boards about two and one-half feet wide, with nests underneath. But we find the one described below much superior in ease in cleaning and also less expensive.

On the studding nail cleats or a piece of scantling so the top is 9 inches from top of sill, place one edge of a 12-inch board on this and nail. Now take pieces of 1x2-inch scantling 24 inches long and nail one end of this in corner formed by sill and studding, and holding 12-inch board level, nail to that. Use as many of these as necessary for strength, according to length of house. These pieces of scantling project about 7 inches above bottom board on a slant. Place a 7-inch board on inside of these and nail. On opposite side place a 6-inch board and nail to studding, round corner of the slanting board at front. For roosts use any length desired—7 or 8 feet is about right. Take 1x2-inch pieces 14 inches long and round corners on one end and bore ¼-inch hole 1 inch from end and fasten to studding with a large spike about 12 inches from dropping board. These act as hinges, allowing roosts to be raised out of the way when cleaning dropping boards. Fasten roost to these 2 inches from the end and nail cleat on studding so as to hold roost level when down.

While these are simple fixtures, they are the most convenient and easily cleaned of any we have ever used. Furthermore, they take up but little room, giving the fowls all the floor space.

We have given up the practice of placing nests under dropping boards, as we find it hard to keep them free from lice or mites, but use boxes fastened to walls instead.

The house in which these fixtures are used proved our dryest and warmest house last winter. Dimensions are 9 feet wide, 30 feet long, 7 feet high in front and 5 feet high in rear.

This house has four windows in front, door in end and dirt floor. Ventilation was effected by lowering one or two windows at top.

House was clapboarded on front and cleated on end and back. Ends and back were also lined inside with tarred paper. In growing chicks on range we find a feeder as described below for feeding beef scrap very convenient. The base should be 2 feet long and 1 foot wide. Set lath on edge and nail about 2 inches from outside edges, which forms receptacle for scraps.

The roof should be somewhat wider and longer. On the under side of this nail cleats to correspond to size of bottom board and nail lath about 2 inches apart, having one end 6 inches higher than the other to give pitch to the roof. Pieces of board are fitted in ends, the one on the high end having only one nail on each side at bottom, which lets board drop down for convenience in filling. This can be held in place by boring small hole in top and pushing a nail through. In case of rain this prevents waste by keeping scrap dry and also prevents prowling animals from eating scrap during the night.

G. D. Clark.

HOW TO MAKE POULTRY RAISING A SUCCESS.

The first thing to be considered in poultry raising is the selection of one's breeding pen. Pick out not more than eight of your best hens, preferably those from two to three years old, such as are strong, stocky and well shaped. Mate them with a fine young cockerel, well formed and with a lot of vitality. The pen should be made up not later than February 1. Give your feathered friends a nice dry house with a good scratching shed in which the litter is from six to ten inches deep, composed either of dry leaves, hay or straw. Always keep a plentiful supply of charcoal, grit and shell before them. I consider charcoal most necessary for poultry. They should be fed in the morning in the scratching sheds, not quite a quart of scratch-food, composed of wheat, barley, buckwheat, cracked corn, oats and a trace of sunflower seed. Some feed men carry a good selection of scratch-food, but I prefer to feed my own mixture. About 9 o'clock fill their drinking vessels, which have been emptied out the night before, with a plentiful supply of hot water, for experience has taught me that cold water in the morning chills the system and reduces the vitality of the birds. At noon feed a hot crumbly mash composed of table scraps, cornmeal and beef scraps (prepared), pepper and a little salt. In the evening as long as the cold weather lasts feed them, about

dusk, as much hot corn as they can eat, which has previously been steamed in boiling water about five minutes. This is by far the easiest and surest way to heat the corn, as each kernel becomes heated separately. Never close a chicken house up tight unless the weather is below zero. I believe in plenty of fresh air, but no drafts. Hens generally do not begin to set before the middle of March, so I start to collect my eggs about the first and only keep well-shaped and good-sized eggs. These I place in receptacles filled with bran in the cellar and turn them twice daily. In preparing nests for the setting hens I prefer to use barrels with the open end placed downward, a hole a foot square cut in the middle of the side, about ten inches of damp soil or sod put in the bottom of the barrel with a layer of hay on top, well hollowed in the center to prevent the eggs

for 36 hours. As soon as the whole brood has been hatched I place the hen and chicks in a brood coop and let their first meal be chopped eggs and dry bread crumbs, and feed every three hours for the first few days. Keep a supply of fine grit, keep scraps and charcoal before them constantly and give only boiled milk to drink until two or three weeks old. Whole corn is the best food for the old hen, as the chicks are unable to swallow it. I keep the hen confined in the coop and allow the chicks free range where the grass is short. After the first few days feed Cypher's chick food exclusively, excepting at noon, when a mash is fed consisting of hominy or oatmeal, soaked bread, cornmeal, beef scraps and fine table scraps. When five weeks old I substitute cracked corn in place of chick food, for their evening feed, and put it in shallow dishes so that they



One of the many poultry buildings on Oak Hill Farm, Red Bank, N. J., breeders of White and Columbian Wyandottes and R. I. Reds.

from rolling. Before setting the hen, hold her by the feet and dust her thoroughly with a good, reliable lice powder, place her on the nest gently and keep a plentiful supply of whole corn, grit and fresh water before her all the time, not forgetting a dust bath, consisting either of fine sifted ashes or dry soil. If the weather continues cool one moistening of the eggs with tepid water during incubation will prove sufficient, otherwise oftener. I consider the natural method of hatching best of laying stock; for market purposes the incubator is the more profitable. I remove the chicks, as well as broken shells, as soon as dry, put them near the kitchen range in a basket wrapped and covered in flannel, and don't feed

can fill themselves full. I don't allow my chicks to roost in trees, etc., before they are four to five months old. Roosting too early gives them a crooked breast-bone, which spoils their appearance in general. Purify the ground on which the chicks are running at least every ten days with slacked lime and also keep their drinking and eating vessels scrupulously clean. Chicks must be kept growing continually.

C. Louis Rubsamen.

Everything comes to him who waits. Even the New Standard is ready for distribution this month. See inside back cover page for the welcome news.

We lead; others follow.



White Wyandottes

OF THE BETTER KIND. They have won for me and my customers the highest honors at the leading shows. 800 BIRDS FOR SALE of correct Standard type, white as snow and good size. I guarantee absolute satisfaction. My handsome new 32-page catalog is just off the press. Send for it and let me convince you that I have the quality you are looking for. My prices are very reasonable, considering the high quality of goods I send out.

Henry C. Dippel

Box A, Indianapolis, Indiana

A MILLIONAIRE

might corner wheat, but I have what might be termed a corner on the Dry Feed Box. I have made a discovery that surprised me, and so simple, I wonder why it has not been in use a long time. The hen will pick over feed for pieces of beef scrap and waste so much in the old self-feeding hoppers that they have proven very unsatisfactory. I have fooled the hen in the Economy Dry Feed Hopper, champion of the United States. I am going to let you convince yourself of this, and if you don't find it self-feeding, absolutely no waste, and the best hopper you ever saw, or heard of, I will return the 50 cents you paid for plans and right to make as many as you need. Descriptive circular free.

A. L. BALL

CENTER, ALABAMA

R. I. REDS—BOTH COMBS

At Ft. Wayne, Ind., January 1910, we won on Single Combs: 1st and 2nd cocks, 2nd, 3rd and 4th hens, 1st 2nd and 3rd cockerels, 1st, 2nd, 3rd and 4th pullets and 1st pen. On Rose Combs: 1st cockerel, 1st, 2nd, 3rd and 4th pullet and 1st pen. (No old stock shown.) Also Challenge Cup for best display (any breed or variety) in the show. A fine lot of young stock for sale on our liberal guarantee plan, ::

Longfield Poultry Farm

Box 321, Bluffton, Indiana

DUREE ROUP CURE DUREE MICROZONE

DUREE ROUP CURE. This remedy is absolutely effective, is easy to administer, dissolves immediately in water, fowls take their own medicine in drinking water. No individual treatment, its regular use as a preventive ensures healthy fowls, will cure a cold in three or four days. Save your poultry by using Duree Roup Cure, 50c by mail, postpaid.

DUREE MICROZONE—Disease Cure and Preventive. Keeps poultry in a healthy condition, a valuable antidote for many diseases of live stock, for Cholera, Indigestion, Bowel Complaints, Canker, Frosted Combs, Chicken-Pox, Swelled Heads, and Sore Eyes. We strongly recommend its use once or twice a week in drinking water, which will prevent the possibility of disease invading the poultry houses. For the convenience of our mail-order customers we put it up in tablet form, 25 in a box, price 50c, postpaid. Used by the successful poultry raisers. Duree Poultry Conditioner helps to make poultry lay; manufactured by

John D. Martin : Ten Years in the Business
315-317-319 Main Street Levee : LaFayette, Indiana



Teddy II, our Chicago winner

Barred Rocks

Prize Winners Bred From Chicago Winners—We can supply you with exhibition cocks, cockerels, hens, pullets and pens that will surely win for you at any show. Have raised more and better birds than we ever had. All judges pronounce our Rocks as having the best barring, shape, color and undercolor of any they ever handled. Our Chicago winners created a sensation by winning more prizes on cockerels than all competitors combined. Have many exhibition cockerels of the grandest breed on earth now ready for the early shows. Also pairs, trios and pens, carefully mated for either exhibition or breeding. Have a fine lot of pure Bradley Bros. and Latham pullet-bred cockerels at \$3.50 to \$5 and \$7 each. Don't fail to get some of our chickens. They are the best strain of winter layers in the world. Circular free. Satisfaction guaranteed.

Standard Rock Farm
Truckenbrod Bros. Mendota, Ill.



Victor stands for Quality in Incubators and Brooders. No others show such care in design and making. No others show such careful selection of materials. Our new models give a clear top, a bigger lamp, a heavier, stronger case. These mean convenience and increased profit to the owner. A cheap machine may waste for you in eggs, oil and time much more than you saved in the first cost. Get a Victor and get satisfaction. Write us today for our free catalog. We pay freight. Our prices are low.

Send 10 cents for our 32-page "Poultry Diary" account book.
100-Egg Hatching Wonder Incubator, delivered \$10.

This triple wall, copper tank, clear top, full height incubator is the most wonderful value ever offered. If you are thinking of starting with a small machine, you had better spend a dollar or two more and get this one. It has a dependable regulator, nursery, chick drawers and double glass in door. It is 26 inches long, 21 inches wide and 31 inches high. The \$10 price includes complete incubator, thermometer, funnel and book of instructions, all delivered at any R. R. station east of the Rocky Mountains. With Brooder, \$15.

GEO. ETEL CO., 102 Kentucky St., Quincy, Ill. Estab. 1867.



THE EVILS OF OVERSHOWING.

In exhibiting fowls one of the greatest mistakes which poultry-keepers are guilty of, and especially beginners, is overshadowing. It is quite a common thing to exhibit a fowl which has proved successful early in the season, at show after show, without any consideration for the effects which this unnatural strain will have on the constitution of the bird. Many a valuable fowl or promising youngster has been completely ruined by overshadowing, the owner's greed for prizes absolutely blinding him to the folly and inhumanity of such a course. It must be remembered that whereas the occasional exhibition of a fowl will, provided proper care is taken, have no injurious effect, continual subjection to the weakening influence of exhibiting will, notwithstanding the greatest possible care and attention, slowly but surely sap the constitution of the strongest bird and render it useless for either breeding or exhibition purposes. After a fowl has been shown once, it should be allowed to rest for some time before going through the ordeal of exhibition again.

After all, the real purpose of the exhibitor, if he be a fancier in the true sense of the word, is not so much the mere winning of prizes as the founding of a strain of birds as near to perfection as it is possible to attain; and in order to accomplish this end it is necessary, nay, it is absolutely essential, that he should breed from the best birds, and these may not always be the ones that have taken the highest honors in the show pen. As in the perfecting of a strain, strength and vigor must be kept at all costs, it is a mistake to tax the constitutions of the birds used as breeders by exhibiting them, and only under very exceptional circumstances indeed should a fowl be removed from the breeding pen in order to show it, for although one such procedure might be productive of no serious results, a repetition would surely affect the strength and vigor of the progeny.

Thus, if it is desired to show birds during the breeding season, certain of the stock must be selected and reserved for this purpose. But when birds are specially reserved for showing, it must not be thought that they can be exhibited time after time without any evil effects, for even if the bird is never intended for breeding purposes, the confined quarters and unnatural atmosphere of the exhibition room will in time so injure the fowl that its chances of winning will be seriously jeopardized. Thus, rest after exhibition is in every case essential, and should a fowl show any signs of weakness it should not again be shown until perfectly recovered. Many exhibitors are in the habit of sending their birds direct from one show to another. This practice cannot be too severely condemned, for it must and can only result in the fowl's constitution being utterly and irretrievably ruined. Moreover, this practice has nothing to commend it. What if the bird does win prizes in quicker succession! As a natural consequence, it has a shorter reign in the exhibition pen, and the gain in the one case in no sense counterbalances the loss in the other. George Scott.

Eggs, eggs, eggs! That's what the people will be calling for all winter. Better get a good-laying strain of birds when starting in the poultry business. Dughills will not do the work.

ASSOCIATIONS AND SHOWS

Secretaries are requested to send in news items of interest about their show for this department.

One thousand dollars in cash prizes will be given at the Madison Square Garden Show, December 27 to 31, 1910. Hon. H. V. Crawford, secretary of the Madison Square Garden Show this year, has decided to cut out all silver cups at the Garden and to give the poultrymen actual cash prizes, and \$1,000 will be distributed in sums of \$10 to \$25 on the different varieties. The premium list is about completed and will be ready for mailing by the time the journal reaches you. The entries absolutely close December 10. You should write Mr. Crawford at once for catalog and entry blanks. Address H. V. Crawford, secretary, Montclair, N. J.

The annual show of the Edgerton Poultry, Pet Stock and Corn Show Association will be held at Edgerton, Ohio, January 10-14, 1911. A. E. Hamlin, judge; W. F. Nihart, Sec.

We recently met with the Morristown Poultry Show Association and they certainly have the breeders around Morristown, N. J., interested, for there was a large attendance. About 75 attended the meeting and they have over 100 members in the association. They are all pulling together and are going to have a big show December 5, 1910. Lloyd B. Tredway is secretary.

The Great Southwestern Poultry Show will be held at Dallas, Texas, January 9 to 13. This is probably the largest

poultry show in the Southwest, and the show where you get your birds before the buying public, which means a great deal. Write for premium list, entry blanks, etc., to C. P. Van Winkle, secretary, Box 281, Dallas, Texas.

The Franklin County Poultry Association will hold its annual show in Chambersburg, Pa., January 18-21, 1911. This show will be conducted in accordance with the rules and regulations of the American Poultry Association. E. E. Eckel, secretary, Chambersburg, Pa.

The Muncie Poultry and Pet Stock Association will hold its big annual exhibition at Muncie, Ind., January 23-28, 1911. George E. Heyl and H. A. Prickett, judges. A. C. Thornburg, secretary.

The fourth annual show of the Pana Poultry Association will be held at Pana, Ill., January 18-24, 1911. J. A. Bickerdike, secretary, Millersville, Ill. Write him for catalogue and don't forget the date.

The poultrymen of Racine, Wis., of which there are seventy-five in number, have organized what is known as the Racine Feathered and Pet Stock Association, and will hold their first annual show January 16-21, 1911, in the Lakeside Auditorium, Racine, Wis. They have secured the services of W. S. Russel, the well-known judge, which assures all ex-

hibitors a square deal. It is needless to say that the organization will be a success in every way, as the men who are back of it are determined to make it the leading show of Wisconsin. For particulars address D. J. Kennedy, secretary, Racine, Wis.

Good treatment and square dealing is what has made such a phenomenal success of the Cleveland Poultry Show. Their next annual show will be held January 23-28, 1911. If you are planning to exhibit at the Cleveland show take our advice and get your entry in early as the man who waits till the last day may find he is too late and crowded out. The judges are some of the best in the country and include Drevensedt, Faulkner, Hawkins, King, McClave and Oke. Get your premium list from J. T. Conkey, secretary, Cleveland, Ohio.

The Northern Illinois Poultry Association will hold its twenty-second annual exhibit at Belvidere, Ill., December 19-22, 1910. H. P. Schwab, judge. S. U. Teeple, secretary, Belvidere, Ill.

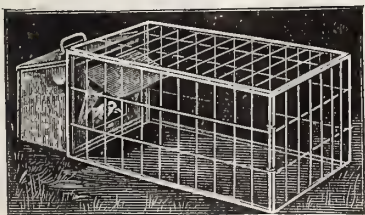
The seventeenth annual exhibition of the Illinois State Poultry Association will be held in the arsenal in Springfield, Ill., January 2-7, 1911, and everything points to an entry of more than 5,000 birds. The judges will be Theo. Hewes, D. T. Heimlich, Chas. V. Keeler, W. C. Pierce, J. C. Johnson, A. F. Kummer, F. C. Hare and Robt. Joos. For premium list and other information write to O. L. McCord, Danville, Ill., secretary.

The Ontario Poultry Association will hold its second annual exhibition at Canandaigua, N. Y., January 17-21, 1911. The New York state exhibit in charge of Prof. James E. Rice, chief of the department of poultry husbandry at Cornell University, will be one of the features.

White Rocks Exclusively

100 large early hatched cockerels, 100 pullets and 75 yearling hens for sale Prices and stock that can't be beat. My birds have always won more prizes than any other exhibitor. If you want a good show bird or good breeders, write me.

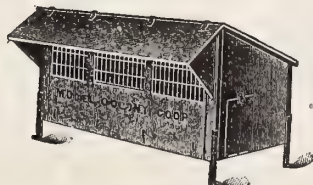
H. L. Brown : : : : : Oxford, Ohio



Model Setting Coop



Model Brood Coop



Model Colony Coop



Economy Trap Nest

Model Portable Hennery, an ideal contrivance for keeping fowls in small flocks. It is just what you want if you have but little room, yet would like to keep a good many chickens. Nearly 500 layers can be comfortably kept on a city lot 50x150, allowing 100 square feet to each flock. In our Model Hennery we have perfect sanitation, pure fresh air at all times and many other features make it indispensable to the breeder. Our **Setting Coop** prevents the setting hens from coming in contact with the other fowls. It is light, durable and practically lice proof. Our **Brood Coop** is made of heavy galvanized iron, is rat and vermin proof and weighs about 15 pounds. The **Colony Coop** is also made of galvanized iron, easily cleaned and perfectly sanitary. Our practical **Economy Trap Nests**, fine, light, roomy nest that cost but little more than a common nest. Space does not permit a detailed description of our goods in this ad and if you are interested and want to know about these appliances write for our descriptive catalogue.

Everything as Represented or Money Refunded

NIEMANN BROS. MFG. COMPANY
BOX 677 - MT. OLIVE, ILLINOIS

Model Portable Hennery



The FAVORITE BAND
THE BEST IN THE WORLD
12 for 15c, 25 for 25c, 50 for 40c,
100 for 65c.

CHAS. L. STILES
24 Columba Bld. COLUMBUS OHIO,

HANLON'S BUFF LEGHORNS AND BLACK ORPINGTONS

Produces the winners. A few extra
choice Black Orpington cockerels for
sale at prices to suit. Write for full
particulars.

Philip Hanlon, Jr., Watertown, New York

R. C. R. I. REDS

Cockerels \$2 to \$5 each

N. B. Lints, Route 3, Frankfort, N. Y.

FOR SALE The patentees and sole manu-
facturers of a valuable pat-
ented (two patents) device
in the poultry supply line, wishes to cor-
respond with reliable party who desires to
obtain a very profitable article that they
can manufacture and control by State or
for the entire country.

This article has been advertised in the
leading poultry publications during the
past two years and is at the present time
being shipped to all parts of the country.
The demand for it is unlimited and the
profits large. Other interests demanding
our time and capital compels us to sell.
Fullest investigation is invited.

Address, "Patentees"
In care of this Paper

DON'T SPRAY

Don't fumigate—don't whitewash
to get rid of lice and mites.

Don't use expensive and dangerous
lice powders that burn and poison
your fowls' skin almost as much as
they do the lice.

Don't spend half your time lice
fighting. Instead just

USE

DUSTYNE

Dustyne will absolutely free your
fowls of lice and mites and keep them
free—it will keep the whole place
clean and sanitary all the time. It
will do this without bother or effort
on your part. Your chickens do
all the work themselves. They dust
in it, scratch in it, live in it—it is good
for them—keeps them clean and
healthy—makes them feel better and
lay better.

If your dealer does not handle
Dustyne send us his name and \$1.50
for 100 lb. trial order; freight paid east
of Missouri River. Money back if you are
not absolutely satisfied. Booklet and
sample mailed on request.

Poultry Dust Bath Co., Inc.
Box M, WHITING, INDIANA

Webb, Brace, Voss and Conway, judges.
For premium list address Dr. Lot D.
Sutherland, secretary, Canandaigua, N. Y.

One of the leading shows of the coun-
try will be that held at Scranton, Pa.,
January 16-21, 1911. They have already
secured the services of seven judges,
which include McGreen, Denny, Mosher,
Wittman, Stanton, Barber and Alden.
They are offering over \$25.00 in cash
specials, 15 cups and about 150 special
ribbons with these. Write the secretary,
Chas. H. Stoeckel, Scranton, Pa., for
full information.

The sixth annual exhibition of the
Woonsocket Poultry Association will be
held at Woonsocket, R. I., December 15-
19, 1910. For premium list and other
information address E. W. Cook, show
manager, Forestdale, R. I.

The Miami Valley Poultry Association
will hold its annual show at Miamisburg,
Ohio, January 4-10, 1911. Ben S. Myers,
judge; S. E. Waters, assistant secretary,
Miamisburg, Ohio.

The Logansport Fanciers' Club will
hold its annual show, January 17-21,
1911. Write for premium list to Wm.
Grace, Jr., secretary, Logansport, Ind.

FEEDING QUESTIONS.

"For the good of the order," I will
ask a few more questions, this time in
regard to feed. Why is it that every
formula for dry mash names so many
parts beef scraps? If I had not proved
to the contrary, should think dry mash
worthless without scrap. In fact, I
commenced feeding a very small per-
cent in mash twice last winter and
lost a fine pullet both times. I con-
cluded that there must be some "pre-
servative" in the scrap that saved the
meat, but killed the pullets. I con-
tinued the mash without the scrap and
the hens continued to lay until nearly
bare of feathers, and are still laying
a few eggs Oct. 19, and new feathers
growing nicely. The pen is made up
of eight R. C. Black Minorca pullets
and two 2-year-old hens, one of which
won the blue at Ashtabula a year ago
last December. This proves that a
good show bird can also be a good lay-
er, although many think otherwise. Be-
fore giving formula for mash will say
that these birds have been confined in
a pen about 18 feet by 25 feet, never
having been out once for more than a
year. As there have been chickens in
this little yard for more than six years
you can judge how much insect life
there would be about it. As for green
feed they have had lawn clippings oc-
casional and later some Swiss chard
and cabbage leaves. I generally mix
the mash by guess, but here are the
proportions as near as I can get it.
Take 20 pounds wheat bran and an
equal bulk of alfalfa meal, 10 pounds
middlings, 10 pounds gluten and 5
pounds oilmeal. I generally put in a
pound or two of fine charcoal.

I don't believe the hens would have
laid a dozen more eggs if the feed had
been half meat. Did you ever keep
two pens and feed one meal and the
other oilmeal? Some years ago I read
of a man "down East" who tried it
and found the oil meal the best. I
believe my hens have averaged way
above the 200 mark as they have layed
almost constantly since last winter.
Could they have done any better with

a hopper of meat before them all the
time? Would you like to hear from
others in regard to meat scrap? I would.
Ashtabula, O. C. E. Goodwin.

LEC BANDS

Send name now for many free samples and
prices. Most complete line of highest qual-
ity bands for every use.

SMITH SEALED. Used by America's
leading Fanciers. Prices: 12, 30c; 25, 50c;
60, \$1.00; 100, \$1.50; 500, \$6.50; 1000, \$12.50;
postpaid.

LEADER ADJUSTABLE. Smoothest and
most secure fastening ever invented. Prices
postpaid: 12, 15c; 25, 25c; 50, 40c; 100, 55c;
250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Samples of these and many other styles free
if you send postal now for booklet.

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Cut Clover Brings- Eggs




Make the most out of your hens.
Fine cut clover, alfalfa and other green stuff
give best cold weather results. The easy-running
"New Model" Cutter
cuts into 4-in. lengths. Removable steel knives,
adjustable, easily sharpened. Cuts fast and
fine. It's always in order; nothing about
it to break. Write for circular and
free sample of cut alfalfa.

SILVER MFG. COMPANY.
288 Broadway, Salem, O.

FREE SAMPLE CUT ALFALFA

On the "Water Wagon"



Poultry Knowledge that Brings Profits

If there's any one business that demands
expert knowledge to bring the greatest
success, it is *Poultry Raising*. You may
know a little about it—enough to get a few
eggs—but the big money-making end of it
is in knowing *ALL* about it—in having the
individual advice and help of experts who
have made their name and fortune raising
poultry for profit.

The help of these experts is at your com-
mand in the home Course of Poultry Rais-
ing of the International Correspondence
Schools. This is not a book scheme. *You
cannot learn from a book.* But it is just what
we say it is—a course conducted by ex-
perts, and by which you can make every
minute and dollar pay handsome profits.

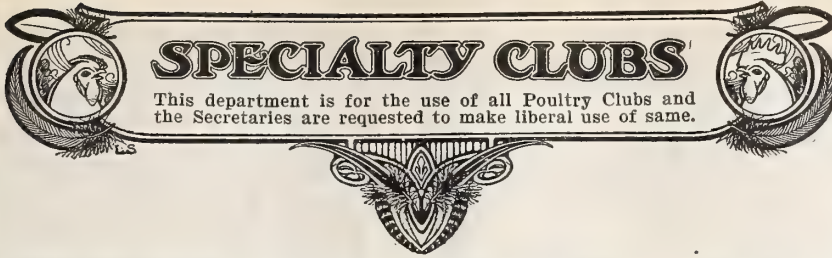
No book could give you such personal
help as this course offers on so many
poultry subjects, such as

How to select most profitable breeds; feed-
ing; marketing eggs and poultry for profit;
natural and artificial brooding; natural and
artificial incubation; laying hens; combina-
tion plant; poultry appliances; enemies of
poultry; poultry houses and management;
turkeys; water fowls, squabs, etc.

Hundreds have turned failure into suc-
cess through the help of this course, the
great value of which is shown by the fact
that the I. C. S. is associated with the
largest and most successful poultry farms
in the world—Ranococas Poultry Farms—
which serves as its experimental plant.

In the money and time it saves, and in
the sure profits it brings, the I. C. S. Poultry
Course pays for itself many, many times
over. To learn all about it write to-day to

INTERNATIONAL CORRESPONDENCE SCHOOLS
Box 1004 Scranton, Pa.



This department is for the use of all Poultry Clubs and the Secretaries are requested to make liberal use of same.

Though the affairs of the American Plymouth Rock Club have not appeared very frequently in the papers during the past few months, the club has still been active in promoting the interest of this variety. Last season we put out 400 ribbons for shape and color throughout the United States. These were of handsome design and pleased the winners, as they were made of the best material. The state cups are getting more popular, and they are a great deal above the average of any cups offered at the poultry shows, and are the equals of any \$25 cups. The club is very fortunate in obtaining these through a manufacturer who is very much interested in poultry. What the officials of the club really desire is that one or more of these cups be offered in every state in the Union, and in every province in Canada. It requires twenty members in good standing to secure one of these cups, and a cup is also offered for every additional twenty members in a state. We ask every exhibitor to interest himself in the affairs of the club, and in these cups and ribbons particularly. Fittingly recognizing the work done for the breed by so eminent and successful a breeder as the late M. S. Gardner proved himself to be was thought to be very appropriate by the executive committee. This is not a club fund, however, but is open to all Barred Plymouth Rock breeders in general. It is thought that nearly everyone that is interested

in Barred Plymouth Rocks would be glad to subscribe their mite toward this object, which is that the children of the late Mr. Gardner may be so educated that they will be able to pursue with success their life's career, whatever it may be. His one son inherits his father's taste for poultry, though yet in his early teens, and it is hoped that a sufficient sum will be raised that this young man may be well enough educated to pursue this calling with success if he should so elect. Only those who have visited in this family can appreciate the splendid qualities of Mrs. Gardner and her three children. Mr. Gardner spent his life working for Barred Plymouth Rocks rather than for himself. If he had seen that reversed procedure it would be entirely unnecessary to make this appeal. Every Barred Plymouth Rock breeder is invited to subscribe, whether a member of the club or not, but it is not desired that anyone personally subscribe enough to pinch his own resources. The idea is that many would be glad to avail themselves of the opportunity to subscribe from \$1 to \$5 each. Very generous subscriptions have been received from Bradley Bros., Lee, Mass.; C. H. Latham, Lancaster, Mass.; W. E. Bright, Waltham, Mass., and many others have sent in smaller amounts which are equally as well appreciated. At the proper time this fund will be turned over to a trustee selected for

the purpose. Those interested are requested to correspond with A. C. Smith, Waltham, Mass. It is desired to make this particularly a testimonial from a great number of Barred Plymouth Rock breeders. At the last annual meeting of the club Mr. C. H. Welles, Stratford, Conn., was reelected president, and A. C. Smith, Waltham, Mass., was reelected secretary. Both were elected unanimously.

National Black Orpington Club national meeting will be held in Philadelphia this year. Every member is urged to attend if possible and send an exhibit in any event. Many specials will be offered, including the club gold medals for every win made. Fifty dollars in cash specials offered by the show in addition to the regular awards, and the Cheviot Farms Cup and many other specials to be announced later. Medals will be offered to club members in every show in America this year, open only to members. The club is in a highly prosperous condition, and practically every breeder of blacks reports the demand greater than the supply. This in face of the fact that no great specialty breeder is booming the breed. Dues are \$1 per year and should be sent to the national secretary before the date of the show you expect to enter.

The club catalog is now being prepared and will contain the names of all members in good standing in the club. The book will sell for ten cents. Milton W. Brown, secretary-treasurer, Sta. L, Cincinnati, Ohio.

The big January show of all the central western states this year will be the big Topeka, Kansas, show, held in the big new auditorium which is the largest in Kansas and perhaps the largest in the whole West, outside of Convention Hall. This is the first time the American Plymouth Rock Club has ever went so far



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Rich Lands at Low Prices

are available now, but prices are advancing—ideal climate—unlimited supply of fresh, pure water—plenty of high-class labor. People are satisfied who have settled here. Finest climate the year round. No freezes, no intense heat.

Two and Three Crops A Year Net \$500 to \$1500 Per Acre.

An interesting and instructive booklet fully describing "The Land of Manatee" on West Coast of Florida will be sent free. Address:

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The Price of a Good Hen Will
Buy the Handy Hatcher

YET notwithstanding its extreme low cost, it is the most practical and successful small incubator on the market. Place it in the house. In any room. It weighs less than 6 lbs. Occupies no more room than a typewriter and holds 25 eggs.

The HANDY HATCHER is not a plaything but a perfect incubator that does its work day and night unflinching. It is the invention of Mr. H. E. Moss, a poultryman of international fame and originator of the Moss Method of incubating duck eggs. It is the only incubator, large or small, in which the principles of the hen's nest are duplicated. The HANDY HATCHER is heated with a lamp, the heat being radiated downward just as nature intended. The temperature is controlled automatically. An improved method of ventilation affords the exact amount of ventilation and moisture necessary to bring the chicks to exclusion.

The HANDY HATCHER is equally valuable to the large or small poultryman and to the city man who desires to raise but a few chickens for his own use. With every HANDY HATCHER we furnish free

A Valuable Book—The Moss Method of Brooding, Feeding and Raising Chicks.

The most practical and labor-saving known. Also working plans showing how to make a

Fireless Brooder

and chick shelter. The HANDY HATCHER with above book and plans is \$3.50. One active agent wanted in every town and city and at every poultry show. Send for catalog.

The Handy Hatcher Co.

Dept. 1, Kansas City, Mo.



west to hold its meeting. In fact, the meetings of this club have most always been held at New York or Boston. This year the officers decided to go west. Topeka won the meeting over Chicago and Philadelphia by a three to one vote. A large number of silver cups, silver trophies, handsome ribbons and from \$200 to \$500 in cash specials will be given to the Barred Rocks at Topeka, besides the regular cash premiums which go to \$15 for first pen and \$10 for first prize in the single. The show will be cooped with fine uniform cooping, so you don't need to ship your birds in exhibition coops. Just send them in shipping coops and save express charges. As the secretary of the club, I have been engaged to judge the Barred Rocks at Topeka. I want you to show so that I may see your birds and best of all, attend yourself. Send me \$1.00 today and join the club and be allowed to compete for club ribbons and cash specials at all shows. Attend the meeting at Topeka and help elect a good bunch of officers. Mr. E. W. Rankin, of Topeka, is secretary, and will send you a premium list.

The Partridge Plymouth Rock Club will hold their fifth annual meeting at Madison Square Garden during the New York show. A large number of members have signified their intention to showing at America's greatest show, as a win here means America's Champions, and will undoubtedly be the greatest show of Partridge Rocks ever held this side of the Atlantic; besides the usual club ribbons the club will offer handsome silver cups to members for best display of Partridge Plymouth Rocks—second best display and third best display. Special cup for best cockerel. Special cup for best pullet. If you are not a member, send \$2.00 annual dues to the secretary on or before the opening of the show and compete for the handsomest cups ever offered by a specialty club. M. Harvey Ivins, secretary and treasurer, Langhorne, Pa.

The Ancona Club of America will hold its next annual meeting during the international show at Buffalo, January 23-29, 1911. The club will place on exhibition the largest string of Anconas that has ever been shown, the cream of Anconas will be seen during this show. The international is offering good cash specials to clubs. The club will offer several silver cups as well as handsome ribbons. Breeders will profit by joining the club, as we will give handsome ribbons at all shows to members. Send one dollar to Geo. Johnston, secretary-treasurer, 377 South Detroit Ave., Toledo, Ohio.

You are hereby notified that the annual meeting of the National S. C. Buff Orpington Club will take place on Saturday, December 10, 1910, at Chicago, Ill. Every member is invited to be there personally and take part in the important business that will come before the members at this meeting. The meeting is held in connection with the Chicago show, and the club is going to give away some of the handsomest cups at this show that the club has ever given. Come to the meeting and bring some of your birds along to the show. The meeting will be called to order at 2 o'clock p. m. December 10, 1910, and don't forget the dates. V. O. Hobbs, secretary-treasurer.

"On to Topeka" January 2 to 7, is now the war cry, writes Waldo H. Dunn, the hustling secretary of the Silver

SOMETHING TO CROW ABOUT

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ABOUT 30% PURE BONE ASH
NO OTHER BONE NEEDED | NO OTHER GRIT NEEDED
NO MORE BONE CUTTERS NEEDED
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100 LB. BAG \$2.25 | 50 LB. BAG \$1.10

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Double Your Egg Crop Guaranteed

Make this test. Divide your fowls into two lots. Feed one lot the same as usual. Give the other lot one-half ounce of green cut bone per day. We guarantee that within a month the fowls fed on green cut bone will lay twice as many eggs as the others. Of course the bone must be cut with a

STEARNS Bone Cutter

which we will lend you, free, for the test. It is the only machine made that cuts green bone, meat and gristle fine enough without making splinters or chunks. The Stearns is the strongest, easiest running, fastest Bone Cutter. It is absolutely automatic feeding, self-cleaning and cannot become clogged. Let us send you full details of our 30 day free test. Write to-day for our catalogue and booklet "How to make Poultry Pay."

E. C. STEARNS & CO., Box 5, Syracuse, N. Y.

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MADE of indestructible Asbestos (Rock) Fibre and Trinidad Lake Asphalt, the great weather-proofer, J-M Asbestos Ready roofing is literally a *pliable stone*. Fire, acids, gases, chemical fumes, heat or cold have no effect upon it. It is therefore practically *indestructible*.

And because of its stone nature, J-M Asbestos Roofing never needs painting or graveling. Its first cost is its only cost.

Asbestos being a non-conductor of heat and cold, this roofing keeps a building warm in winter and cool in summer, and is adapted for any building, anywhere.

Most hardware and lumber dealers sell J-M Asbestos Roofing. If your dealer doesn't keep it, write our nearest branch for Samples and Booklet E26.

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THE CANADIAN H. W. JOHNS-MANVILLE CO., LIMITED

Toronto, Ont. Winnipeg, Man.
Vancouver, B. C. Montreal, Que.

Wyandotte Club of America. In the final vote for choice of shows with which to hold the national meeting of the club, Topeka received forty-two votes, Philadelphia thirty-seven, and Buffalo ten. The club is offering \$50.00 in cash specials besides an elegant bunch of silk specials. The Topeka Show Association is also offering \$50.00 in cash specials. Numerous trophies, etc., besides the largest regular cash premiums ever offered at a central western show, i. e.—\$15.00 for first pen, \$8.00 and \$5.00 for second and third, while handsome silk ribbons will be awarded on down to seventh place. On single entries they pay \$4.00, \$2.50 and \$1.00 with silk ribbons on down to seventh. President Henry Steinmesch, of the Silver Club, is offering a grand \$50.00 (actual cost) silver loving cup, which is known as the "President's Cup." The real reason why every silver breeder should show at least one or two birds is to make this, our national show, a great success, and thus do our variety a world of good. The American Plymouth Rock Club meets at the Topeka show also. Let us get busy and have more silvers and a greater attendance of silver men at Topeka than the Barred Rock men. E. W. Rankin, of Topeka, Kans., is the secretary and will mail you a premium list if you will write him.

The annual meeting of the American Cornish Club will be held with the Missouri state show at Kansas City, November 29 to December 3, 1910. An invitation is extended to all members to attend this meeting. Consolidation with the Pacific Cornish Fowl Club will be considered. H. C. Hayes, secretary, Eureka, Ill.

The annual meeting of the Buff Leghorn Club will be held at the Coliseum building, Chicago, Friday evening, December 9, at 7:30 p. m. Many matters of importance will come before the same, and the election of officers will take place. All members and persons interested in Buff Leghorns are requested to be present. F. A. Tecktonius, president, Racine, Wis. Geo. S. Barnes, secretary, Battle Creek, Mich.

The first annual meeting of the Columbian Wyandotte Breeders' Association will be held December 12, 1910, during the Chicago show. Better join, \$1.00 does it. Come to the meeting, good things are in store for you. Special prizes are placed that are the best on earth. Send in your name and \$1.00 and I will send you receipt for same. Come to Chicago and shake hands with us. Address Philip Koehlinger, acting secretary-treasurer, Fort Wayne, Ind.

Editor American Poultry Journal.

Dear Sir: I read in your paper articles by various breeders, in which one states White Orpingtons won in the Australian egg-laying contest, another says Black Orpingtons won, some claim that honor for Buffs. Won't you kindly state the facts in the case?

Harry Sturges.

Independence, Mo.

In explanation to above: There have been held, during the past few years, a great many egg-laying contests in Australia, which has made it possible for the breeders of different varieties to claim that their particular variety won highest honors.—Ed.

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Spend One Cent For This Big FREE Book

Our Big Free Stove and Range Book gives you our factory wholesale prices and explains all—saving you \$5 to \$40 on any famous Kalamazoo stove or range, including gas stoves. Sold only direct to homes.

Over 140,000 satisfied customers in 21,000 towns. Over 400 styles and sizes to select from. \$100,000 bank bond guarantee. We *prepay* all freight and give you



Breakfast in a Warm Room

In very cold weather many dining-rooms would be “like ice-boxes” at breakfast time, before the house fires have started up, if it were not for the

PERFECTION

SMOKELESS

OIL HEATER

Absolutely smokeless and odorless

Lighted in a moment, and quickly giving a glowing heat, the Perfection Oil Heater has enabled many a man to go to business in a cheerful, confident spirit who otherwise might have felt and shown all day the effects of a cold, cheerless breakfast-room.

It has a cool handle and a damper top. An indicator shows the amount of oil in the font. It has an **automatic-locking flame spreader** which prevents the wick from being turned high enough to smoke, and is easy to remove and drop back so the wick can be cleaned in an instant. The burner body or gallery cannot become wedged, and can be easily unscrewed for rewicking. Finished in japan or nickel; strong, durable, well made; built for service, and yet light and ornamental.

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(Incorporated)

White Wyandottes

THE KIND YOU WANT—Young stock up to standard weight and pullets laying since July. Also plenty of old stock. Hens \$1 to \$5 each. My stock satisfies the customer. Write now for what you want.

H. L. Logue - Box 68, Neponset, Illinois

THE BEST REDS

IN AMERICA

are owned and bred by

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Successors to Robert C. Tuttle

White P. Rocks

Exclusively. Prize winners scoring to 95. Eggs in season, \$3 per 15. Quality, not quantity, is my aim.

J. F. RAFFERTY, - CANTON, ILL.

Amatite Roofing

Mineral surface. Needs no paint. Send for FREE Sample.

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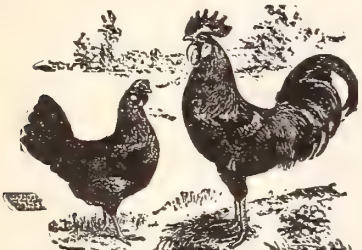
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The Golden Eagle Strain—Win again at the Michigan State Fair, Detroit, Mich. 1st cock, 1st cockerel, 2d and 3d pullet in strong competition. Exhibition and breeding stock for sale in old and young stock that have been bred from Detroit, New York and St. Louis winners. Write me your wants. I can please you.

Cadillac Poultry Farm : W. J. H. Goetz, Prop.
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S. C. Brown Leghorns



First prize winners at all the leading shows including Chicago, Cleveland, Buffalo, Pittsburgh, Toledo and Detroit. Prices reasonable. Satisfaction guaranteed.

FRANK SCHELLANG - R. D. No. 2, ERIE, PA.

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LIFE SAVER

Little Chick Food



For the first five or six weeks of feeding. Does wonders for little chicks. Lays the foundation for strong, sturdy chicks, that grow into early laying pullets. Order from your dealer or from us if he cannot supply you. Write for full particulars from R. D. Eaton Food & Grain Co., 60 E. Main St., Norwich, N. Y.

WINTERING CHICKENS IN TOWN.

MY object is to try and give an idea to those who are willing, and kind of shake up those who are negligent.

Because you live in town you don't want to commence to think that you can't take as good care of your fowls as the man who lives on the farm. If he makes his poultry pay in the cold months of the year, he must keep them up in good, comfortable quarters.

Experience has taught me and, no doubt, has taught a great many others, that it is not necessary that good poultry should come from the rural districts. I have stepped from my back door into the chicken lot the greater part of my life, and I have recently been convinced that a good, warm chicken house means a full dinner pail.

By this time your houses should have all the necessary repairs complete, so that you can keep your stock up when the occasion requires it. You are liable to get up most any morning and find the ground covered with snow, and I hope you will not be foolish enough to turn your chickens out in it, or have to keep them confined in a little old stingy coop, to stand around and chill. Listen to me; if you live in a city, raising chickens in the back yard and have a scratching shed sufficient for your fowls, no difference how many you have, with the proper feed and care the results will more than pay you for your time and trouble, and your fowls will do as well as any man's fowls in the country. If you haven't made suitable provisions for your fowls, take a day off and get busy. Start the saw and hatchet going; do it now—the sooner the better, and when the eggs commence rolling in and you see the difference in the plumage and health of your birds, the only thing left for you to do is to get the fever. The thing to guard against in the winter time is colds, developing into roup, caused from dampness and a poor system of ventilation. About every chicken man you talk to will say he has built all kinds of houses, but the last one is the best. On account of not having a whole lot of ground space in my back yard I am compelled to tear down and build up again. Here is one I have decided on to accommodate ninety fowls through the winter, and don't intend to let them out at all if the weather doesn't permit.

The size of this house proper is eight feet wide, fourteen feet long and eight feet high, with portable roosts and dropping boards. The scratching shed is fourteen feet square, built entirely separate from the house, with a hole for the fowls to pass through, using the space under the dropping boards for scratching also.

The house has a window in front, twenty-eight inches wide by eight feet long, made to swing from the top. Also small windows on the east and west sides. The ventilators are up next to the roof in opposite ends and can be opened and closed with a slide. The scratching shed has all the light possible; nests are placed around in this shed and under the dropping boards can be kept in semi-darkness, making it ideal for that purpose. Of course, there are hoppers with charcoal and grit, and a stand eighteen inches high made in shape of a pyramid to set the drinking vessel on. This can not be turned over and keeps the water clean at all times. In all, I have 308 square

feet of scratching space. My fowls are going to do some business this winter, and sometime near the first of next April I will tell you all about it.

F. H. Miller.

Terre Haute, Ind.

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F. W. BIRD & SON, Est. 1795

50 Neponset St., East Walpole, Mass.

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FENCE Strongest Made

Made of High Carbon Double Strength Coiled Wire. Heavily Galvanized to prevent rust. Have no agents. Sell at factory prices on 30 days' free trial. We pay all freight. 37 heights of farm and poultry fence. Catalog Free. COILED SPRING FENCE CO. Box 82 Winchester, Indiana.

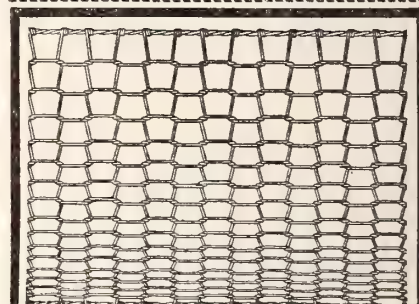
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yet will last five times as long. Made of extra heavy double galvanized. Rust Proof wires. No top or bottom boards and less than half the posts required. Chick Tight—Bottom wires only 1 inch apart. We have 160 styles, also Lawn Fences and Gates. We can save you money. Send for Catalog. The Brown Fence & Wire Co. Dept. 3 Cleveland, O.

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POULTRY FENCE

28½ CENTS A ROD for 48-inch; 31½c. for 60-inch high fence

Above cuts show exact size of wires used in this fence. All wires heavily galvanized. Get our large free catalogue which prices 63 heights and styles of Poultry, Farm and Lawn Fence, Gates, Etc.

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THE ADVANTAGES OF A SMALL INCUBATOR.

It is a common practice for the beginner to buy an incubator that is much too large—too large for his needs and considerably larger than he can handle to advantage.

Very few persons stop to consider the size of the incubator that would be most advisable for their particular needs; they buy either the largest they can get for the price or the largest their pocket-book affords.

The first question that confronts the owner of a large incubator is the necessity of procuring 100, 200 or 300 fresh eggs—eggs that were produced by birds properly mated so that their fertility is assured. Of course, if we simply wanted fresh eggs, it wouldn't be so difficult, but for incubator work we must have "hatchable" eggs. Those who have tried to procure a large number of such eggs will realize only too well what a difficult problem this is. After failing to procure the full number of fresh eggs, it is a common practice to "fill in" with the next best one can get—hoping they will hatch.

The result is invariably failure—either a small percentage of chicks and a large number of eggs wasted or a lot of poor, weakening chicks that are not worth hatching.

Let us compare this condition with the small incubator—a machine holding 50 eggs.

To begin with, the operator can always procure 50 fresh, hatchable eggs, and the fact that those eggs are fresh means a larger percentage of strong, sturdy chicks. It is quite a common thing to hatch 50 chicks from 50 eggs, but one seldom hears of 100 chicks from 100 eggs or 200 chicks from 200 eggs. The failure of the large machine can often be traced directly to "stale eggs."

Next comes the operation of the incubator.

It has been frequently demonstrated and is freely admitted by both manufacturers and consumers that a small incubator is more easily regulated and operated than those of a larger size. The success or failure of an incubator largely depends on the ability to maintain an absolutely even temperature in all parts of the egg chamber because it is necessary that each egg should receive the same amount of heat. In addition to that we must maintain a temperature of 103 degrees all the time and provide for perfect ventilation.

This problem is easily solved in the 50-egg incubator, because the egg chamber is so small that it can't go wrong—but try to do the same thing in a large incubator! Some manufacturers have spent half a lifetime and a fortune on this problem and haven't solved it yet.

On account of their size, the construction of 50-egg incubators is so simple that anyone can understand and operate them—they can't go wrong.

To the beginner who has no incubator cellar the 50-egg incubator should appeal very strongly because it can be operated in any room in the house without the slightest annoyance. It occupies a very small space and can be operated with oil or gas.

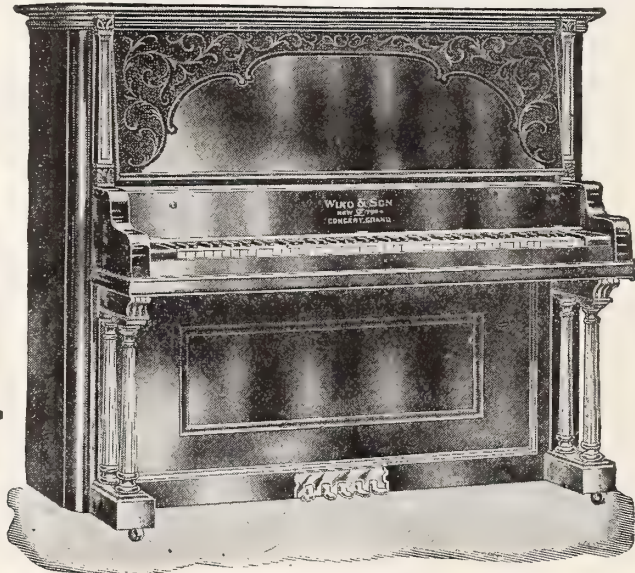
The 50-egg incubator permits the beginner to start small and grow big.

When one machine is not large enough to hatch enough chicks another and another can be added as the demand for chicks increases. It certainly is much more advisable to use several

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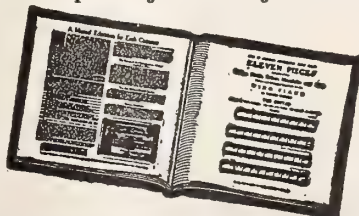
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BABY CHICKS. Buy Day-Old chicks, Cooley Chicks. I can supply you with strong, sturdy, healthy, growing White Leghorn and Barred Rock day-old chicks from prize winning stock. Fastest growers. Avoid the risk—let me hatch your chicks. Safe arrival assured. Exhibited Madison Square Garden, N. Y., 1908-09-10. Send for Book-let A. Elden E. Cooley, Frenchtown, N. J.

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by only one New York commission firm. See what they say in **National Squab Magazine** (monthly), specimen copy from us ten cents. Squab breeders as far west as Missouri are shipping steadily to eastern markets. See great demand for squabs by dealers in Chicago, the South, St. Louis, Denver, California, Seattle and the Northwest. Read also in our big 1911 free book, how to make money breeding squabs, how to get six dollars a dozen, how to start small and grow big. Demand for squabs this winter greater than supply. Write at once to



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small incubators in preference to one of a larger size.

To begin with we are all human and can make mistakes. If a mistake is made with a large incubator a large number of eggs may be ruined and a month's time is lost. By placing the same number of eggs in the small machines, we not only suffer a smaller loss in case of accident, but we also save the loss of time by saving the balance of the chicks which are hatched by the other machines.

It is a well-established fact that chicks thrive best when kept in small colonies. Most authorities place the maximum number that should be kept in one brooder at 50.

To properly care for the output of a large incubator—granting that it was successful—we must have a brooder for every 50 chicks. Each brood must remain in the brooders at least six weeks. Now, if we are hatching 200 chicks at a time we will need four brooders for the first brood and if we operate the incubator continuously we will need four more brooders for the second brood. That means eight brooders to care for one incubator!

How many of us are willing to provide those brooders? That's where so many beginners make the mistake when they buy an incubator entirely too large for their needs.

One 50-egg incubator can be operated successfully with the aid of two brooders, and between January and June one can easily hatch 250 chicks.

Two hundred and fifty chicks in one season would satisfy about 90 per cent of the readers of this article, and if they could hatch and raise that number with the aid of one 50-egg incubator and two 50-chick brooders it will spell "Economy" for many in both money and labor. An equipment like this means a small investment to begin with and better chicks at a small cost on every hatch.

It is not to be taken for granted that 50-egg incubators are made exclusively for beginners as such is not the case. Lots of breeders operate them in lots of twenty-one, so they can have a hatch come off every day. The breeder of pedigreed fowls find them most advantageous in keeping records of their several pens. By placing the eggs from each pen in a separate machine there is no possibility of mistakes.

It is impossible to even touch upon all of the advantages of the 50-egg incubator in this limited space, but the fact that both manufacturer and consumer have awakened to its desirability is sufficiently good proof of its merits.

The demand for 50-egg machines has grown to enormous proportions, and to meet this demand one of the large incubator firms recently built a factory of enormous proportions for the exclusive manufacture of 50-egg incubators and 50-chick brooders. This firm alone has an output of over 100,000 incubators and 50,000 brooders annually which is only another evidence of the immense proportions to which the poultry industry is growing in America.

George Cugley.

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of thoroughbred poultry that have the quality to win. I have most any variety you want. Write your wants.
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Kellerstrass and Owen Farms strain. 75 Cockerels of that fine cobby type so much desired in this breed. Early hatched and are of fine size. My prices are reasonable and I guarantee satisfaction. Write me your wants quick.

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At Big Missouri State Fair, October, 1910—1st and 2d cock; 1st and 2d cockerel; 1st and 2d hen; 1st, 2d and 3d pullet; 1st and 2d breeding pens: special for best collection of Reds, both combs competing. 300 birds for sale

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Consisting of 15 Acres—Houses Built for Convenience—Feeding and Care of Chicks—Line-Breeding.

A very neat and attractive poultry farm and one that most every lover of fowls dreams of owning some day is the Whitecrest farm, owned by H. C. and C. W. Sixt, West Park, Ohio, breeders of S. C. W. Leghorns and W. Wyandottes. This farm consists of 15 acres. The main building on this farm is very nicely arranged. It consists of feed room, conditioning room, incubator cellar, brooder house and laying pens. Mr. Sixt says that if he was to build again he would certainly build the same style house, as it is a very convenient house, and the writer agrees with him. Mr. Sixt says that in the busy time of the year he can care for his breeding stock, young stock incubators and brooders in a very short time without going outside of the building. There is no running around in the rain and storm with a building of this kind. The conditioning room is 14x28 feet and contains 40 coops, in which all show birds are conditioned before being placed in the show room. In this room the birds are washed and



dried. Mr. Sixt says that he can dry 50 birds at one time in this room without removing a bird from the coop or moving a coop. If the washing is done in the morning, by 8 o'clock in the evening every bird is perfectly dry and in first-class condition. Beneath the condition room is the incubator cellar. Their machines are 250 egg size. To the east of the incubator cellar in the same building is the brooder house, with individual brooders. Each brooder has a pen five feet wide by eight feet deep and each pen has a large window facing the south. The west wing of this house is the breeding pens, each 10x10 feet with an alley way along the north wall.

Mr. Sixt says that he has been able to raise 90 per cent of all chicks hatched. His method of feeding chicks is as follows: The chicks have water, grit and charcoal before them from the beginning, but are allowed no food until they are 48 hours old. They have experimented at different times as to which is the proper time to feed chicks after hatching, and have come to the conclusion that 48 hours is about right. One experiment, in which 100 chicks were taken from the incubator and placed in two brooders, 50 chicks in each brooder. Chicks in brooder No. 1 were fed after being in the brooder

Ask Your Dealer

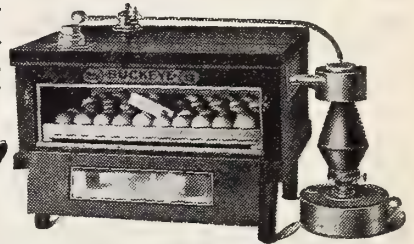
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50-EGG
BUCKEYE INCUBATOR

The incubator that sells for \$6 to \$8 with a guarantee that it will hatch every hatchable egg—or you get your money back.
Sold on 40 days trial.

If your dealer doesn't sell Buckeye incubators write to us and we'll tell you who does sell them. Let us send you our catalog and our two special books "Making Money the Buckeye Way" and "51 Chicks from 50 Eggs." We know they will interest you. They are free—write today.

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customers buy Pearl Grit as they buy groceries—it's a poultry expenditure that is a sure investment through extra egg production. There are a lot of poultry yards that would pay expenses without, that pay a profit, a handsome profit, too, with Pearl Grit. That's exactly what Pearl Grit is for. We want you to share in the benefits it brings to others. Our FREE Pearl Grit Booklet gives you detailed information. It's worth having. Will you write to-day?

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Poultry Post, Box 6, Goshen, Indiana

20 hours. Chicks in brooder No. 2 were fed after being in the brooder 48 hours. Eight chicks in brooder No. 1 showed a slight diarrhea when ten days old. Not one of the chicks in brooder No. 2 showed any sign of diarrhea at any time, and they were much livelier and grew better. They have made the same experiment a number of times with about the same results. After the chicks are 48 hours old they are fed rolled oats every four hours for five days and after that they are fed four times a day a prepared chick food, which is scattered in a deep litter of sweepings from the hay-loft. They also have a box of beefscraps and one of dry mash before them at all times.

The mash is made as follows: Equal parts bran, middlings and cornmeal, and to every ten pounds of the mixture add one pound of linseed meal. After the chicks are eight weeks old use cracked corn and wheat in place of chick food.

If the weather is stormy so that the chicks cannot get out in the yards to get green food they are given mangel wurzels or sprouted oats.

As soon as the chicks are old enough to leave the brooders they are given free range among fruit trees, berry bushes and corn fields until October, when the pullets are removed to winter quarters and the cockerels are brought back to the brooder house and are kept there until sold.

With this method of feeding they have pullets laying at six months old. The birds that we intend to use as breeders are not forced for winter laying. They do not like to have them lay until they are fully matured as immature pullets will produce eggs that are not as fertile as eggs laid by pullets that have not been forced for winter laying. And the chicks from these immature pullets very seldom develop into good size birds.

They believe in line-breeding, and do not believe, as some breeders say, that line breeding lowers the vitality of the bird. The fault is with the breeder himself. Too many times the breeder fails to throw out a weak and undersize bird just because it is a good shaped or good colored bird, and that is where the trouble begins.

THIS STRAY HEN WAS VERY CON- SIDERATE.

A stray hen of the Rhode Island Red variety, rain bedraggled and forlorn looking, wandered into Smith's garage on Commerce street this morning, and going aimlessly about amid the cars and mechanical appliances, presently became entangled in some machinery and was so nearly put out of business that a sympathetic workman, to put an end to the creature's suffering, politely chopped off its head and placed the carcass in a corner, nursing meantime visions of a chicken dinner.

A little while later the workman discovered that the hen, doubtless with a due appreciation of the kindness of its merciful executioner, had, even after its sudden demise, been thoughtful enough to lay two good sized eggs, its evident purpose being to lend its help by providing one of the needed ingredients for a swell roast chicken stuffing.—New Haven Evening Register.

The new edition of the Standard of Perfection will be ready about December first

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On request we will send you a free copy of J. C. Nuckolls' book, "Poultry Diseases and How to Prevent Them," also a free small sample package of Esso Chicken Charcoal. Or, if you prefer a larger package of Esso Charcoal, inclose 7 cts. in stamps to pay cost of mailing.

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75c Pays for one year's subscription to American Poultry Journal and a copy of "How to Build Poultry Houses—A 64-page book on poultry house construction.

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is low-priced, nicely finished and mechanically perfect. 2 to 5 minutes and you have enough feed for a flock. You need a Banner. Write now for facts and low price.

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for laying fowls. Increased egg yield will pay for Hopper in 30 days. Full particulars on request.

R. D. Eaton Grain & Food Co. 60 E. Main St. Norwich, N.Y.

THE REAL HEN FEVER.

I VERILY believe that if one truly gets the hen fever there is absolutely no cure. When I was a boy 12 years old I could make chickens pay so well that I was never wanting for spending money. At 15 years of age I raised a thousand chickens, and I doubt if there was ever a finer lot of youngsters. At this time farmer after farmer came to me asking why their chickens were dying, why the incubator did not work, and why the hens refused to lay. I was known far and wide as a real poultry boy.

It is wonderful what a boy between the ages of twelve and fifteen can learn and do in the poultry business if the fever once gets hold of him. This is the age when boys learn never to forget, and a boy that learns to love the cackle of the hen and the crow of the rooster at this age can hardly forget them. I know of no better way to teach our boys business methods than to have them keep books in a little business of their own. Again, as a study in natural history, I know of no better way to make the lasting impressions than through the poultry business. At 15 I knew more embryology than I ever expect to know again.

What an education it is for a boy to show fancy poultry in the leading poultry shows, to advertise in poultry magazines, to carry on a business correspondence of his own, and to learn to breed animals for a specific result.

To revert to my own boyhood. I should hate to tell the readers of this paper how many times the teacher caught me reading a poultry magazine behind a large-sized volume of geography. Personally I look back honestly believing that my poultry interests and little poultry business was more of an education to me and more of an inspiration than the school or teacher herself. I can say this with some understanding, as I am a teacher myself.

In these days we are hearing a great deal about Industrial Education, and I myself am facing an industrial education problem, as a teacher in Science and Agriculture in a high school designed for country boys and girls. Let me say that I believe in giving a boy a dozen good hens, an incubator and brooder and also a book to keep a cash account in, and letting the boy work out his own salvation.

I went to the Rhode Island State College Poultry School as the youngest member of the class and there received a wealth of inspiration and knowledge that would do any boy good.

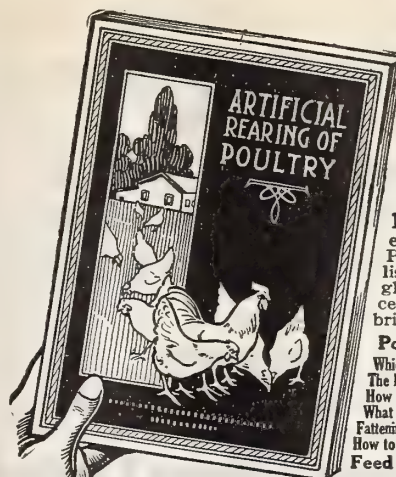
The time had come when I must enter college for a four-year academic course. In other words, the time had come when the biddies must go. And, by the way, let me say in passing, the biddies had a great deal to do in making it possible for me to go to college. Was I to lose the hen fever for good and all? Let this answer the question. When college exercises were suspended I was quite frequently at a good poultry show or talking with some breeder.

Now that college is over and I am at the serious business of earning a livelihood the biddies are not forgotten and I am hard at it again.

I believe there is no finer business in the world than breeding poultry, either for pleasure or profit, and there surely is both pleasure and profit in the business, at least I have found it so.

Dexter E. Coggeshall.

Stow, Mass.



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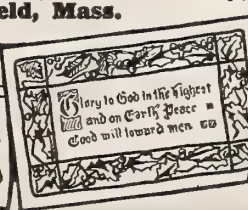
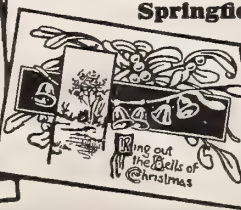
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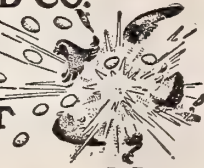
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POULTRY ON THE FARM.

THE natural place for poultry is on the farm, but a great many times they are neglected. The average thriving farmer will keep good horses, fine cattle, hogs and sheep, but what kind of poultry? Ask them, they will say chickens. There is no place poultry can be raised to better advantage than on the farm. They have full range the most of the year, they can keep all the different kinds of grain picked up around the barnyard and are willing to pay you for same with eggs, while otherwise the grain would go to waste.

Farmers should wake up and realize the profit there is in keeping thoroughbred chickens. They look better, mature better, lay better, taste better, and in fact are better than the scrub chicken that so many farmers still cling to. The main thing is to get the breed that suits your fancy, as you will give them better care than the one you dislike, and mate your birds with care so they will produce the kind of stock that is always in demand, and you can always find a ready sale.

Poultry raising of today offers excellent capital for the hustling farmer. He must make a study of his flock the same as of his other stock on the farm. He can make poultry raising a pleasure or he can make it a drudgery; it depends upon how he takes hold of it, and how he handles it.

Experience teaches us that prevention of troubles are better than cures, whether it is diseases, lice, or mites. There are farmers' wives who raise poultry by the hundreds and make money out of them, and there are others who work their heads off and are a total failure at the business. The most essential things are: proper feeding, good houses and sanitary conditions.

Too many of the farmers' wives make the mistake of selling all their early hatched pullets on the market when they weigh a few pounds, because prices are good, the early-hatched pullet is the one they should keep for the next year's breeders, as good results cannot be obtained from immatured stock; for your foundation stock use nothing but the best, it matters not what breed you handle, as there is no such thing as the "best breed on earth." It depends upon how the stock is handled, that makes the chickens and gets the profit out of it; this same rule applies to all kinds of stock.

There is money in the poultry business, but you will have to make up your mind to work, as it is a great mistake to think that the chicken business is dead easy. All you have to do is to try it, and the poultry business will soon find you out and how much sand you carry in your gizzard.

Food has a great deal to do with the production of eggs. A hen is only a machine for turning various kinds of food into eggs, and unless we furnish this kind of material we need not expect to get many eggs, for it is from this that eggs are manufactured.

To those poultry breeders who have their fowls yarded, supply your fowls with food furnishing the elements needed for egg production and developing purposes. Keep them warm, dry and out of drafts, then you will have no cause to complain about the number of eggs you get during the coming winter months. See that they are supplied with pure drinking water, as most dis-

eases come from stagnated water. Now is a good time to store away dust for the bath box for the coming winter months, before the fall rains began. I gather the fine dust from off the road and store it away in barrels in my henhouses for future use, and when winter comes I supply my chickens with a bath box, where they can use it at their leisure, to rid themselves of lice. I mix a little carbolic acid in the dust for a disinfecting powder.

Anna M. Lembke.

Griswold, Iowa.

HOW TO OBTAIN GREEN FEED IN WINTER.

MANY poultry keepers do not realize what an important factor the green feed plays in the egg yield.

Just now most of the biddies are and have been getting their new feathers, and a little later they should begin to lay. But do they? Some do and more do not. If you have a good laying strain (no matter what the breed) and will supply your birds with plenty of green feed, besides the other feed, you will get eggs.

From now on it will be hard to get green feed, you say—yes, but you



A Prize Winning S. C. Black Minorca. Bred and Owned by F. C. Wing, Wayland, Mich.

won't get eggs unless you have it; you may get an egg, but you won't get eggs and it is eggs that count at this time of high prices, and when you look into your pocketbook at the end of the month you will see that a little trouble and a few dollars spent for green feed was worth while.

And now, for the benefit of those who have not thought seriously of green feed, I will go into detail.

In the first place, let me say right here that different breeds have different tastes as much as different nationalities of men have different tastes. For instance, the Frenchman's tastes are not like the Englishman's, neither is the Houdan like the Rhode Island Red, etc. If you study your own breed you will soon learn their tastes. Now, a Rhode Island Red will fill up on cabbage with a relish, while a Houdan prefers many times over the clover, but a cabbage now and then is relished, too. With a little pains, plenty of green feed can be given in winter.

Sprouted oats are grand things for layers.

Take a pan half full of oats, cover well with cold or luke warm water and let stand in a warm room for twenty-four hours, now strain off all the water and leave the oats for forty-eight hours

S. C. WHITE ORPINGTONS

Kellerstrass strain. Won again at the big Butler Fair, Pa., August, 1910, 1st cock, 1st and 2d cockerel, 1st and 2d hen, 1st and 2d pullet, 1st and 2d pen. June hatched cockerels, \$3 and up. No hens or pullets for sale. Eggs and baby chicks after January 1st. Mating list free.

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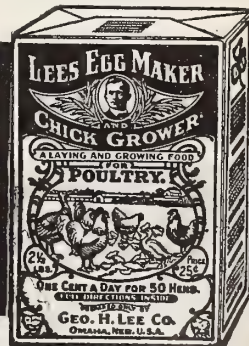
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more. If these are kept in a warm room they will be nicely sprouted at the end of this time, and the hens will relish them hugely. This fed once a day will help fill the egg basket and you need not be afraid to feed a good many of them as they will not fatten your hens as some other things will, like corn, for instance.

Another green feed, as before mentioned, is the cabbage. These can be kept all winter by packing good sound heads on shelves in the cellar and covering with papers. Leave the root on and when ready to feed tie a strong cord to the root and hang it up against the wall for your hens to pick at.

Of course, the number of cabbage to feed will depend upon the size of your flock, the breed of birds you have and whether or not they are laying, for a laying hen eats more than one that is not laying.

And then there are other green feeds. The clover hay can be used. Of this get only the best. Musty clover will not do; it is not only bad for cows and horses, but for Mrs. Biddy as well.

Steam this clover and let it stand over night or until it looks as near fresh picked as you can make it.

To steam it, you put some in a large pan or pail, cover with warm water, put a cover over the pan or pail and let stand until cold. Now add more water if necessary and let stand until morning. Next, strain off the water and, unless the clover is very old, it ought now to be ready to feed.

Anything else in the green feed line that you can get will help along the good work. The big beets called mangels (or mangel wurzels) will help out if fed once in a while.

Once for all—green feed and plenty of it will give better results than any other way of feeding where the green feed is left out. And it costs no more in the end. Thomas Ray.

STANDARD MAKING.

No Standard Is Perfect That Does Not Produce Both Male and Female Like the Pair, and a Flock of Progeny to Secure 60 Per Cent for Scoring 92½ to 96½.

We are running away from nature's plan in our Standard making. The Standard for Brahmas adopted for 1883 and 1889 enabled the breeder to produce both sex to fill the bill and the specimens then were more beautiful as specimens than are the winners in our exhibitions today. I say this fearlessly. The Plymouth Rocks accepted as standard and scoring in 1889 93 to 96 were to my mind more beautiful as specimens in their pure bluish gray barred with a darker blue than the black barred specimens judges now are placing to the front. I am glad, however, to see the breeders coming back to nature's demand for this breed and accept the one color in both sex as the demand of the Standard.

When we demand pure blueish gray barred in a darker blue (say what our women folks call stone blue) and demand five bars to the smooth web of the feather, leaving the under fluff to be bluish gray or the same lightly barred to the skin, then one can breed both sex from the same pair and have far more even shade of color to one's flock, a more beautiful attraction to our farm, lawn and fields. That is nature's demands when she will yield you a more generous



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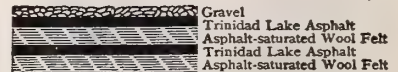
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number of eggs—increasing the money value of the breed.

Double mating to cater to the whims of judges, instead of to demands of the Standard. There has been no improvement in the Standard making since 1889. There have been more blunders than benefit in what we have termed the perfection of the Standard.

It cannot be said to be an improvement to alter standard descriptions or to establish unjust handicaps that cut down the score or record for a breed one to one and one-half points or to virtually disqualify a breed from competing for the sweep-stake prizes, as has been done in the last revision.

Injustice to a breed is a long way from improvement in Standard making. No judge has yet seen seven specimens to score more than 96½ and to say the average highest score of one exhibitor exceeds 96; yet in the face of these facts we see the handicap of 1 point for Buff, 1½ for Black and 2 points for White breeds when competing for sweepstake prizes.

Two White Wyandottes have reached 97, one light Brahma has reached 97; at even these phenomenal scores, handicap the Wyandotte two points and they will never win a prize—the law virtually disqualifies them.

No man has seen but one black specimen reach 97, and 96½ the highest, with the above exception, handicap the black 1½, and what right have they to compete with Brahmas or Leghorns (brown)? None whatever. One point handicap for black or white is the most they can stand without virtually disqualifying them for sweepstakes prizes. We had 1½ points

for five years not to see a white or black breed win a prize. We then reduced it to one point, and now see a more severe handicap established and unjust discrimination. Has there been any honor in such legislation? The Standard is supposed to protect all breeds in their just and equal rights of competing and any legislation that destroys the equity would be declared in our national independence as unconstitutional—and in this case should be also.

This unfair and injurious item in our standard should be repealed wherever found. There is no law or equity whereby they may remain till another revision, for we may repeal at all times, if we may not revise oftener than once in five years.

The question is, will the next meeting of the American Poultry Association right the above wrong? It strikes me we can do much good by exercising the right of repeal. Felch.

GETTING READY FOR WINTER.

IN writing on the above subject I take for granted that most poultrymen have their houses in good repair and their pullets off the range in winter quarters. If not this should be attended to at once, for most pullets should be in laying condition by this time, and should be in permanent quarters before beginning to lay, as moving them after this time usually checks egg production.

Never place pullets with old hens, as they usually require different feeding methods, the pullets standing more forcing than the hens, and especially so in the heavy breeds.

Of course, you have yards nicely seeded to rape, rye, wheat or some other grain some time before moving in winter quarters and in consequence quite a difference will be noticed, especially in the hens just coming out of the moult, and in a short while an increase in egg production will be noticed as a result, as nothing is more invigorating to a rundown hen than something green to pick at.

In the hoppers are placed a dry mash consisting of the following: Bran, 3 parts; cornmeal, 3 parts; middlings, 3 parts; beef-scrap, 1 part; to this add 2 parts clover or alfalfa meal, if no green stuff is provided.

In case of old hens, especially heavy breeds, would advise cutting down cornmeal to 2 parts, and if still making new feathers increase cottonseed meal according to their condition. Also feed a little suflower seed if handy.

If weather has been unfavorable for sowing grain for green food, oats can be sprouted easily and quickly, the process of which everyone is familiar with.

For the morning feed, equal parts of wheat and oats are scattered in deep litter, either after going to roost or early in the morning.

We do not consider it advisable to feed wet mash to breeding stock, so the noon meal is left off.

The evening feed consists of corn, caffir corn or milo-maize, as their analysis is comparatively the same. This is scattered in deep litter about an hour before sundown, thus allowing them ample time to work it out before dark. In case of old hens it may be advisable



White and Columbian Wyandottes, White Ply. Rocks and S. C. Rhode Island Reds

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I. M. Elston, Manager

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to cut down proportion of corn and add a little wheat for night feed.

Of course it is supposed fresh water, grit, charcoal and oyster shell are kept constantly before them and also a good dust bath consisting of fine dirt—not sand—or ashes mixed with lice powder.

It is often advisable to catch up male birds and give them a good dusting occasionally, as they do not take advantage of dust bath as readily as hens.

As for houses, we would not think of using any other kind but open front and drop curtains, as we consider fresh air as necessary as wholesome food.

With the above care and attention, varied somewhat according to locality and circumstances, we believe anyone can succeed with poultry, regardless of breed or locality.

Gus B. Moore.

Sunset, Tex.

PRACTICE, NOT THEORY, IN POULTRY RAISING.

MANY things have been said, pro and con, about the most successful way to raise poultry. Every one has his own opinions—and that is perfectly right, as this is a free country in some things.

I have never considered myself a "professional" poultry raiser in one sense of the word, but have had just a few years' experience with only four breeds of chickens. I love everything that "grows a feather," and while I have never attempted to grow fancy fowls, yet have had some good enough to take first premiums at the county fairs and poultry shows. For my first investment I secured chickens from the largest breeders in the United States; as to cost, shall say nothing about that. They were beauties and as I had read and read a great many poultry journals I had a very exalted idea how they should be cared for. I fed them by rule, in fact each day's ration was measured and each chicken got its required proportion. I followed to the very "letter of the law" the best articles I could find on feeding and housing. This was kept up for at least ten years on three different varieties. But I could see no extra supply of eggs, and they got sick and died just the same as "any old chickens." One day my mother, who, in her early years, raised as many chickens as any one need want, said to me: "I think you had better lay aside all your theories about raising chickens and go back to the old-fashioned way." I took her advice, sold off all I had and invested in the fourth breed, which are the Barred Rocks, and, I must confess, in the two years I have had these fowls and followed some of the "old ways," I have never had such splendid results. I do not wish to be understood as crying down all the new methods; some of them are very good. But I do say, where one does not want to raise the "fancy fowls" for show purposes, it is best to follow nature as closely as possible. Nature never intended for the feathered tribe to be fed warm food or given warm water. Neither did nature intend for them to be deprived of their freedom. I know feeding warm mash and giving warm water in cold weather may cause egg production a little earlier. Yet, while the production may be greater at this end of the line, I believe it will be lessened at the other end of the line. Forced growth in a pullet may produce eggs earlier, but it will destroy the usefulness of the

Black Langshans

Pure thoroughbred stock. 100 Cockerels at \$1.50 each. 100 pullets at \$1.50 each. Barred Rock cockerels and pullets at special low prices.

Tippett Brothers Scales Mound, Illinois

Buff Wyandottes

Naegele's Strain. Winter layers with show quality 1100 eggs in January, 1941. In February, from 100 hens. 14 prizes at last show here 4 firsts. Stock for sale and eggs in season.

Frank Naegele : R. R. 2, Peoria, Ill.

WHITE WYANDOTTE Cockerels

The Monarch Strain large vigorous birds that are white and will stay white \$3.00 and \$5.00 each.

Ira N. Gaymonds : Marcy, New York

Buff, Black and White ORPINGTONS

We win SILVER CUPS and many other coveted prizes, at York, Penna., Hagerstown, Md. and many other shows. Plenty of stock, all varieties. Show birds and breeders for sale.

PINE ROSE POULTRY YARDS
R. J. Knisley, Prop. York, Penna.

Small Fruits and Flowers Need Spraying

Pumps for all uses. Distributing Agencies in principal cities.

The Deming "Perfect Success" Bucket Sprayer—splendid for small gardens and orchards, town or country. Made of brass.

Deming Spray Pumps—more than 20 styles. Ask your dealer; if he will not supply you, we'll send Catalogue.

THE DEMING COMPANY
865 Depot Street
Salem, Ohio

Here's The Best Pump Ever Built To Do It

Make Your Poultry Pay

Feed your poultry hot cooked food during the cold winter months—it makes hens lay. Hot cooked food always goes further and it has been proved by experts to be five times more nourishing. Save your money by cooking your poultry food with the practically economical

Farmers' Favorite Feed Cooker and Boiler

Valuable for any number of uses—such as cooking all kinds of poultry and stock feed, rendering lard or tallow, cooking scrapple, sugar making, canning, sterilizing milk cans and boiling spraying mixtures. Heats shop or cellar. Costs little, wears long. Write for special sale list.

Lewis Mfg. Co., Box N, Cortland, N. Y.

CHAPMAN'S PICKING FRAME

Revolutionizes the plucking of poultry. Saves half the labor. Keeps everything perfectly sanitary. It is adjustable for all sizes. Alters the use of both hands in plucking. The bird can be revolved in either direction. In fact, it is the greatest little invention that has been placed before the poultry fraternity for ages. Send for catalogue describing this invention.

Chapman's Improved Trap Nest and Chapman's Sanitary Poultry Fountain Picking Frame \$2. Turkey Attachment \$1 extra. Three Trap Nest \$3. Glass Fountain \$1. Agents Wanted.

THE CHAPMAN CO.,
170 FEDERAL ST., BOSTON, MASS.

bird later on. I believe in keeping the fowls healthy and varying the food and keeping their quarters clean. I never close the doors of the hen house in cold weather unless the thermometer gets to zero or below, and I only do it then to keep the combs from freezing. I notice the open-front houses are being advocated, and I think it will finally be the only house used. When I built my hen house I had a furnace built in it; my theories were very extensive then. So I have had experience by the "heat route." Now I am going along the "cold route." Chickens should hustle for their living. I do not mean by this that they should never be fed. But I do say the chickens, young and old, that get out early in the morning and you find them scratching and working hard for something to eat, are the healthiest and develop most rapidly. I have cockerels I have scarcely seen for two months. They get out by daylight and follow the hogs. I "rounded them up" a few days ago and I never saw finer birds. I feed my young chickens meal. Have spent hours and days baking bread for them, and have tried all kinds of "chick feed," but find nothing so satisfactory as meal. Barely wet it enough to hold together, and about twice a week mix equal proportions of cayenne pepper and blood-root with it. There will never be any bowel trouble with the chicks if they are fed in this way. I continue this feeding until they are large enough to eat cracked corn and wheat. In fact, I have fed it with good results until

they were nearly frying size. Theories are all very nice, but one has to use common sense in all things, and one has to learn the best ways from actual experience.

Mrs. R. L. Pollard.

Bowling Green, Mo.

KEEPING ACCOUNT OF THE FLOCK.

YEAR 1910 is drawing to a close and with the end of the year comes the time for balancing up the account books. It is taken for granted that you keep books with your flock, for only by keeping strict account of the money paid out and cash received can we tell exactly whether our poultry pays or not, and furthermore, we can tell just where our greatest profit or worst loss occurs. Perhaps, for the year, we can show a balance on the right side of the ledger, but it may be that some months were more profitable than others and also if we run our poultry at a loss for the year we can tell exactly where the loss is and remedy it.

If you haven't kept accounts in 1910, start to do so with the new year, and keep strict account of the outgo and receipts. Take stock of your flock the first of the year and place a value on the flock. Keep strict account of all feed consumed and eggs sold or used at home. For the man who is just starting into the business the keeping of accounts will prove of the greatest value to him. It will enable him to tell

what it costs to produce a dozen eggs, to feed the hen for a year or to raise a broiler to a marketable age. And so, as he increases his flock, he will know where (in his case) the greatest profit is made and so he can develop his business along this particular line, whether it be eggs or broilers.

This keeping of accounts with the backyard flock places the keeping of poultry on a business basis, and it should be run on strictly business lines. The man who is content to buy feed and sell what eggs that are not wanted for home consumption, without knowing whether he is producing them at a profit or loss, will never make a success of the business. For poultry raising is a business and not simply a hobby, whether your flock numbers ten or one thousand.

For the man who decides to go into poultry, and pays, say, \$50 for a pen to start with, will find the account book of special value. By it he can tell what interest he is making on his investment, for, when he has so much invested, he wants to be able to show a balance on the right side of the ledger, if for no other reason than to convince the "unbelievers" that there is money in poultry.

Often one is asked the question "Is there any money in poultry?" If you do not keep accounts you may say "Yes;" but you haven't the figures to prove it. When, on the other hand, if you can turn to your books and prove by the figures that there is money to be made out of chickens, whether they

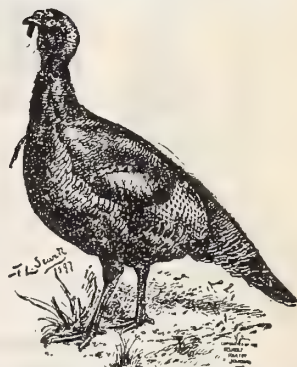


Bronze Turkeys and Partridge Wyandottes

America's Best

At the great Madison Square Garden shows of 1907-8-9-10 our Bronze Turkeys and Partridge Wyandottes won a total of twice as many premiums and twice as many points as any competitor. At the above 1910 show our birds won more premiums and more points than all competitors combined. The choicest Turkeys and Wyandottes we ever raised for sale now. Remember, all stock found not as represented may be returned at our expense and your money will be cheerfully refunded. All birds farm raised; vigorous and unexcelled for utility purposes. Write what you want; we'll try to please you.

Bird Bros., Box C, Meyersdale, Pennsylvania



DUSTON'S AMBITIONS

Have No Limit

Having in the Madison Square Show proved his stock without equal. Sighs for more worlds to conquer. Already his stock has been winning Canadian and United States shows all the fall. "There's a reason." He's got the "sweetest" bunch of young you ever saw, and no competition is too hot for his best. He'll sell without limit if a fair price is paid. Buy of a specialist, he knows little enough about the breed. Read a little history and see if the man who claims twenty years as a breeder can prove it! If he claims the "World's Best," if he has "made good" anywhere, but at a fall fair! Find out if he ever won anything with his own breeding! Had I the money I could buy whole flocks, and I'll bet I could win. Poor judgment, if I could not. Don't you think so? It takes brains to breed them! It beats me how a man can furnish winners for all these big shows throughout the country and cannot win prizes himself. Don't you wonder? Davey judged New York 1908-9 and it was acknowledged the best and finest judged show in years. I won first, fourth and fifth cockerel; first and third pullets; second hen, (considered by many unequaled as a Wyandotte); second pen, (considered by judge and fanciers superior to first, but told me "had to punish" on account of poor, broken, condition of cock's tail); fourth cock; first display; best shaped male in show and best colored male in show. The New York show has stood head and shoulders above anything held in the East. Any one not getting placed there usually enters for Boston, and WINS. Don't be wizardized, get the facts of who is who, and who can start you right. Remember I breed utility and laying stock as well as fancy, and can quote on breeders of all qualities. Write for just what you want. Send 10c for catalogue and learn about the breeder that has made possible the world's best flocks.

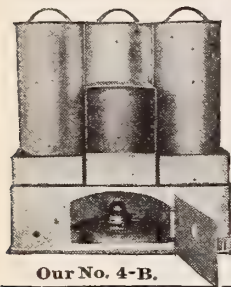
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BARGAINS in females from exhibition matings. 100 utility hens for sale, \$1 and \$1.25 each. Eggs half price.

MOORE BROS.

MOSCOW, NEW YORK



Our No. 4-B.

Warm Water and Warm Feed

will increase your egg yield one third in the coldest weather. Our combination warm water and feeder will not only make your hens lay but will keep the frost out of the hen house. No frosted combs. Send for book.

Our No. 5, 2 gal. fount, non-freezing..... **\$1.25**

Wendell Incubator Co., Holly, Michigan

Successor to Automatic Hatching Co.

WARM WATER GETS EGGS

A little Putnam stove, 9 inches square and 4 inches high, will keep a gallon of water temperate in coldest weather. Holds two quarts of oil, and burns a month without refilling or trimming. Prevents frosted combs and promotes comfort. With a flock as small as three fowls, it will pay for itself the first season by increased egg production. Don't waste your time with something you have to fill and trim every day. Price, \$1 each; 6 for \$5. Money back if not satisfied. Invented, owned and sold by

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BRONZE TURKEYS

300 : For Sale : 300

I have the largest, finest lot of Turkeys this season I have ever owned. Our Turkeys have won at Madison Square Garden, N. Y.; Chicago; Nashville, Tenn.; Cincinnati; Indianapolis; Great St. Louis World's Fair and Pan-American Exposition. Write me your wants.

Mrs. U. R. Fishel :- Box A, Hope, Indiana



Money in Orpingtons

OR

THE SENSATIONS OF THE POULTRY YARD

Is the title of our New Book including all Standard Varieties, Buff, White and Black. The breed that has made money for all who have bred them.

The author of this book, Mr. Will H. Schadt, was one of the first breeders to recognize the wonderful merits of Orpingtons and has probably done more than any individual to bring them to their present stage of popularity. As organizer of the National S. C. Buff Orpington Club and Secretary for the first five successive years he raised the membership from 4 to 1500. During all this period much valuable data was gathered which is now being published for the first time. Besides ideal cuts of Orpingtons many articles will be published telling just how to intelligently mate and breed this popular fowl. It is impossible to even begin to enumerate the information given in this book, but whether you are breeding Orpingtons or not, you want to know why they will continue in favor so long as fowls are bred. We are going to sell this book in connection with a subscription to Poultry Post, one of the best 25c poultry journals published, giving all the latest and best news to poultrymen. A sample copy free. For 50c we will send you our book entitled "Money in Orpingtons" and Poultry Post 2 full years. If you are not fully satisfied with the book your money will be refunded. Send Silver, Stamps or Money Order. Address

POULTRY POST, Dept. 31, Goshen, Indiana.

be Bantams or big fowl, new recruits could often be added to the fancy. And it is by reason of the new fanciers that the demand for stock and eggs is kept up and goes on increasing year by year.

Keep an account with your fowls. Don't keep them; make them keep you. Be an up-to-date fancier and be able to show a goodly balance on the right side of the ledger at the close of 1911.

R. H. Crosby.

Markham, Ont., Can.

WHY IT PAYS TO RAISE THOROUGHBRED POULTRY.

THE average farmer or poultry keeper realizes but little of the valuation of a flock of thoroughbred poultry, as he has the conception to believe they are for the purpose of having show and fancy stock. If he knew that the qualities of thoroughbreds and mongrels equaled the flow of milk from high-bred Jersey cows and the native variety he would lose no time for the adoption of thoroughbred poultry.

Also, in certain localities the incubator is not as well established as it should be, but, however, this project is spreading faster than the former. The chief advantages for keeping thoroughbreds are: increased egg yield, heavier market fowls, and fowls that are more uniform in size, color and weight, which bring better prices than the mixed varieties, with quick sales.

The increased production of eggs from thoroughbreds is marvelous. An experiment on our farm was made two years ago with a pen of White Wyandottes and a pen of the ordinary mongrels. The test showed that the thoroughbreds not only produced a larger amount of eggs than the mongrels, but also consumed less feed than the mongrels. Each pen was housed, fed and cared for the same. Mongrels well cared for will lay annually on an average from 60 to 90 eggs, while with the same care and less feed the thoroughbreds will produce from 125 to 150 eggs annually and this number can be increased from 25 per cent to 40 per cent where trap-nested birds are only bred. But we obtain good results without their use, although I would recommend their use where the stock can be penned in for breeders during the breeding season, which recorded the largest number of eggs during the winter. The thoroughbreds also command a higher price on the market, as they are more uniform in size, weight and color and attract a far neater appearance. The Wyandottes and Plymouth Rocks are excellent fowls for market purposes. The additional weight and higher price that is secured makes quite an extra item at marketing time. The extra profits from a thoroughbred is about \$1.25 per hen, annually.

For instance, a thoroughbred Wyandotte will lay from fifty to seventy-five eggs more than the common varieties, and same will, in the present year, sell on an average of twenty-five cents per dozen. These extra eggs would sell for one dollar to one and a half dollars. Now, place one dollar for a safe estimate. These fowls should be sold the following year, in the summer or fall (to make room for young stock). They will bring on any market one cent more per pound. At this age they will average six pounds each, which is two pounds heavier than the dunghills will average. Thus, an additional quarter of a dollar profit is secured. This makes

\$1.25, a very low estimate. The above is not figured out of any books or reading matter, but is a tested fact of merit, as experiments prove. Where heavy laying strains are kept, such as Leghorns, Orpingtons and others, no extra profit can be expected at marketing time, but the large increase in egg yield will bring out the same amount as above mentioned. The Leghorns, Orpingtons and others that belong to this class consume less feed than the heavy market fowls.

As pullets are the best winter layers, the old stock should be disposed of in the fall. Here is where the average farmer makes an error, as he shovels the young stock among the old, regardless of the age of other fowls. The fowls that are three, four or five years old are unprofitable. When reaching this age they are easily subjected to death during the moulting season.

Our thoroughbred toulouse geese yield 300 per cent more profit than our neighbors', who are keeping the common variety. The thoroughbreds lay from 40 to 45 eggs per annum, while the latter mentioned average from 15 to 20 eggs, and, moreover, the standard bred goose will weigh from five to six pounds more at marketing time, which always command a better price. The cost of raising both is the same. The cost to commence with thoroughbred stock is comparatively small, considering the profits that are obtained. He may purchase either eggs or stock to commence with and should look for quality, not quantity. I consider this the best investment that can be made in this branch of industry. It is just as essential to have good stock as it is to have a good incubator, or anything else of this nature, as the best is always the cheapest. Wm. Katt.

Oak Lawn, Ill.

HOW TO OBTAIN WINTER EGGS.

A SUBJECT, concerning which much has been written and, I believe it is safe to say, much more will be written. How to get winter eggs? That is the question which all poultry men are pondering over at this time of the year, and for the benefit of those who have had little or no experience along this line the following general rules, which surely can be followed with success, are intended.

In the first place, let us take into consideration the stock from which we wish to obtain our winter eggs. It is my opinion that for this purpose April hatched pullets are the best, and they should be fed with this end in view from the time they are first hatched until matured. Their ration should be such as will develop bone and muscle so that they may have physical stamina enough to withstand the strain of heavy laying.

The pullets should be placed in winter quarters in September, as they begin laying much earlier if they are housed in sufficient time for them to become accustomed to their quarters before cold weather sets in. The methods of poultry housing have been so freely discussed in the poultry journals that I will leave the reader free to use his own judgment in this matter, only be sure that you provide plenty of fresh air both day and night.

Now comes the all-important problem of feeding. It is the opinion of the writer that a warm, wet but crumbly mash fed once a day is of great benefit both in securing eggs and in keeping

the fowls in good condition. The mash may be given either in the morning, at noon or at night and the results will generally be the same, although personally I prefer giving it in the morning. The following is a ration that I have used with success for some time.

At night a feed of mixed grain, consisting of wheat, cracked corn, buckwheat and oats or any good scratch grain, is thrown in a deep litter of straw, which covers the floor of the coop. A sufficient quantity of this is given so that the fowls always go to roost with full crops and with enough grain left in the litter to induce them to exercise for it early in the morning, thus warming them up. In the morning a warm, crumbly mash is given, consisting of equal parts by measure of ground oats, ground corn and wheat bran, with half of the bulk being either finely cut clover, which has been covered with boiling water and allowed to

steam over night, or beets, potatoes and turnips cooked and mashed. To this is added a small quantity of commercial beef scrap or cooked lean beef, a pinch of salt and red pepper and the whole thoroughly mixed and covered with boiling water or, better, scalded skim-milk if it can be obtained. At noon a light feed of oats or wheat is thrown in the litter to keep them exercising and some green food given, the best of which is sprouted oats. If you have not the sprouted oats on hand, cabbage, beets or turnips hung on nails for them to peck at are good.

Last of all, do not forget that fresh water, slightly warmed in zero weather, should be given them three times a day. This, with wheat bran, grit, oyster shells and charcoal constantly before them in hoppers makes a well-balanced ration and one that should bring the best of results. Fay W. Stevens.

Coudersport, Pa.

FROZEN UP, but plenty of eggs.



Busy hens mean big money to you at this season. Make them lay eggs when most hens are loafing—when eggs are scarce and high and you'll get in on the big profits. That's what they'll do if you will give them

Pratts Poultry Regulator

every day. It is a guaranteed egg producer. It keeps poultry in perfect health and at their highest earning capacity the year 'round. Make the most from your hens—*keep them free from disease*.—Have poultry success without risking a cent. Use Pratt's Poultry Regulator, it is

Guaranteed or Money Back

We insist that you be perfectly satisfied. If not, your dealer is directed to return all you spend without question. You are losing money every day you do without Pratt's.

25 lb. pails \$2.50—also smaller packages and 100 lb. bags.

Send for a free copy of **POULTRY WRINKLES**. A most valuable book that every Poultryman needs.

PRATT FOOD CO.,
Dept. 1 Philadelphia, Pa.

Pratts Roup Cure prevents Roup, Colds and Diphtheria—mix in drinking water.

S. C. White Orpingtons

Cincinnati, Beaumont and Dallas Winners—Now is the time to select the cream of classy cockerels and pullets from above winners. I won sweepstakes on females at Dallas Fair, 1910. A square deal to all. A trial will convince you. Eggs, \$3 to \$5 per thirteen.

Roi Blake - - - Jasper, Texas

R.C. Reds

Early hatched cockerels bred from our Cleveland, Buffalo and Youngstown winners, for exhibitions now ready. Special sale of utility cockerels, large, vigorous fellows, \$2 and \$3 each. Some extra fine breeding cockerels from our Bean line for sale. Write for full information. Also a few breeding pullets.

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**MAKE your HENS**

pay a **CLEAR PROFIT** of \$3 to \$5 a year each by using my Famous **OPEN-AIR Method**. I show you how to make the best Fireless Hatcheries and Brooders, Rat-Proof Coops, Lice-Killers, Chick and Laying Hen Foods—everything you need, for **ONE-THIRD** the cost of others. See my Free Book. **F. GRUNDY, — Poultry Expert, Morrisville, Ills.**

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

A LETTER TO MY AMATEUR FRIENDS.

ADVICE to the new beginner often is misunderstood, especially advice about buying stock to stock their amateur plant. It is too often received as an ad for the writer. It may benefit all first-class breeders, to be sure, of which the writer may be, and often is, among that class, but, my friend, no matter of whom you buy, remember that the male is half of the breeding pen, even if 10 females are to be mated to him, and often is worth ten times that of any one female mated to him. No seller has any excuse to sell a male unfit for a breeder for anything but for poultry meat. Therefore, should you when you have made up your mind what you are going to invest in, a trio, pen, or double pen, at least pay half you have decided on for a trio or pen for the male bird, for he enters into every chicken you raise.

Yet there is reason for you not to be too wild and extravagant in what you buy. Above a reasonable price for breeding stock, the price has been too much governed by the wealthy in their pride of possession. This demand becomes a godsend for you, my amateur friend; your position for a time is to raise strictly nice stock for this demand.

My experience will demonstrate that it is not absolutely necessary for you to go into expensive showing, so long as you can breed stock that will win. You may sell a trio of birds for \$25 to \$30, a pen for \$35 to \$65, and your patron shows them and wins, which is often the case, first on cockerel, first and second on pullet, and sells the birds for twice what you received, or even he may have sold one pullet out of the breeding pen for \$100. This should please you, not make you jealous and foolish in your increasing the price on your general flock, for unless your patron can make a profit by patronizing you he will go elsewhere.

Better make your first sale secure to you a lifelong patron. The first \$1,000 worth you sell of strictly first-class birds will become a living ad for you.

Speaking of advertising, that is just as much an item as the grain you buy for your flock. Put in your ad no larger than you can afford and make it a yearly ad. Journals like the American Poultry Journal will bring you more orders in proportion to the calls for your circular than many others. The worth of such ads are in the orders they bring, not in the number of calls you get from circular sharks, like one I know of who asked me for a circular saying he now had over 1,000; he even failed to send stamp. I got no order from him, but for all that send a courteous answer to any letter you get and send stock well worth the price you receive, and in time your trade will grow. It takes times to establish yourself. The patient waiter is not a loser. State in your ad the plain and simple fact as regards your stock, a fact clearly stated is the strongest and most far-reaching. The human mind detects a lie very quick. To cheat a patron drives ten away from you. To please a patron will often add another patron to your list.

Even the express agents become your friends, they detect quickly whether your stock is first-class. Often an inquirer writes, "My express agent says you are sending out fine stock," and calls for your circular. It does not stop here, your name goes abroad and you are

Single Comb Black and Buff ORPINGTONS

I offer at very low prices all my breeding stock, including Boston. Providence, Worcester and other show winners. An exceptional opportunity to get high-class stock cheap.

Tyler Cruttenden Norwich, Conn.

WHITE Wyandottes

A few choice cocks, cockerels and pullets bred from as high quality stock as this country affords. My 1911 matings will contain exceptional quality. Eggs \$5.00 per 15. I guarantee them upon my word and honor. Free Circular.

GEORGE M. KLINE
Box 64, Downers Grove, Illinois
Breeder of highest quality Martin's Regals

Robison's

Buff Rocks will make one of the "Big Shows." Watch them there and see what they do. The best at reasonable prices. A few M. B. turkeys too.

W. S. Robison, R. 1, Fayette, Mo.
Secretary-Treasurer Southwest Branch A. P. A.

35 Varieties

POULTRYMEN—Send for our Free Catalogue; describes and illustrates 35 varieties. Full of useful information. ; : :

East Donegal Poultry Yards, Marietta, Penn.

ORPINGTONS S. C. Buff, Black and White LT. BRAHMAS

Winners at Boston, Worcester Providence and Brockton Fair. Breeders and show birds at reasonable prices. Mention American Poultry Journal.

SUNSET FARMS

Darling & McNear, Props., Box 15, Natick, Massachusetts

Economy Beef Scrap**THE QUALITY KIND**

The practical poultryman knows that it is essential to supply the birds with animal protein to obtain the maximum results, and that this can best be accomplished by the use of Beef Scrap. Therefore beware of purchasing low protein scrap. Economy Beef Scrap analyzes 65 per cent. protein, compare this with other brands, send for sample and discount on quantity orders.

The Economy Meat Food Co.
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**Do You Want A Better Position?**

Yes—do you want a better position—do you want to earn more—do you want to get out of the long-hour, short-pay crowd—in short, do you wish to win success in *your chosen line of work?*

The International Correspondence Schools can help you—for the *Business of This Place is to Raise Salaries*. In 1909, 3882 I. C. S. students of all occupations, of all ages, in all parts of the world *VOLUNTARILY* reported salaries raised through I. C. S. help. In August, the number was 307. Add to these the number of others who had their salaries raised, but who were *not* heard from, and you have some idea of the ability of the I. C. S. to better *your* position, to raise *your* salary.

Finding out *how* the I. C. S. can help you costs you nothing and places you under no obligation. Simply mark and mail the attached coupon to-day. You are the one to decide if you want a better position. The I. C. S. is the one institution that will help you—no matter who you are or where you live. *Mark the coupon.*

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Please explain, without further obligation on my part, how I can qualify for the position, trade or profession before which I have marked X.

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Mine Superintendent
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Stationary Engineer
Telephone Expert
Mechan. Engineer
Mechan'l Draftsman
Electrical Engineer
Elec. Lighting Supt.
Electric Wireman

Civil Service
Architect
Chemist
Languages—
Banking
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Industrial Designing
Commercial Illustrating
Window Trimming
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selling stock to cross the water. All this is secured by your being interested in your business and doing business on the square.

Strictly first-class breeding stock is worth \$5 to \$10 per female and \$7 to \$20 per male—no matter what breed. You have made up your mind what breed you have decided to be identified with, let the speculator and show men have the higher prices, they need them. It cost them as much to show and advertise as it does you to feed and raise them, and these high prices you hear of are no higher for them than yours are for you. Don't be jealous and try to rob your patron, who has been to that expense by saying in your ad that your stock won at these shows. It will hurt you more than you will gain.

The owner of a bird is entitled to the credit of its merit. Be a man in all things generous and honest, and in poultry culture you will succeed.

I. K. Felch.

HINTS FOR THE BEGINNER.

THIS article is not intended for the experienced poultry man, but for those desiring to embark in the poultry business either for profit or pleasure. I have been raising poultry for the past five years, but gave it very little attention until the spring of 1909, but after studying the question more deeply I came to the conclusion that there was both pleasure and money to be had from our old friend, the hen. Having become interested, I naturally decided in favor of the pure bred fowl and as my stock consisted mostly of

cross-bred barred plymouth rocks, I sold them so as to begin with a pure bred strain of poultry. I tore down the old buildings, etc., and plowed and limed the land thoroughly so as to have it in the best of condition for my hen birds. Now, the question arose, shall I start with matured hens or give the baby chicks a chance? After studying the matter thoroughly, I purchased 100 day-old chicks from a well-known breeder of pure bred Barred Plymouth Rocks.

Having studied several systems and all the literature on poultry keeping I could secure, and using common sense, I decided on the following plan for a brooder, and am glad to say it has proved successful.

I made two of these brooders exactly alike, using dressed tongue and groove lumber, and placed them in yards of the same size, as I wished to study the different systems of feeding them from babyhood to maturity.

The baby chicks arrived on May 2d in fine condition after their long journey of three hundred miles. I placed fifty in each yard, No. 1 and No. 2. I fed the chicks in No. 1 pen the following ration: 1 pound of cornmeal, 1 pound of stale bread, 2 hard-boiled eggs, made into a dough, dried and ground fine.

I fed them this ration four times a day for the first four days. Grit, sand and a little charcoal were scattered about the brooder from the start. Beginning with the second week I gave them a ration consisting of fine ground corn and wheat three times a day, as much as they would eat up clean. This third week I allowed them to run about

the yard, which had been sown with grass, this furnishing them with plenty of green food. After five weeks I removed the brooder and placed them in colony coops. I keep before them in hoppers a dry mash consisting of two parts of alfalfa meal, one part of corn meal, beef scraps, oyster shells, charcoal and grit. Beginning with the seventh week I began to feed them cracked corn and whole wheat and continued to feed them this ration until November, when I received my first egg. The average weight of pullets at seven months was six pounds, cockerels seven and one-half pounds. I have successfully raised forty-four chickens. All of them are fine healthy stock and give promise of being fine hens.

The chicks in pen No. 2 were fed the same as the ones in pen No. 1, only the feed was moistened instead of dry. Up to November 25th they had not begun to lay. The average weight of the pullets in pen No. 2 was four pounds, cockerels five and one-fourth pounds. They are fine lookers, but nothing to compare with the ones raised in pen No. 1. This experiment has proved to me that to successfully raise young chicks one must feed nothing but dry foods.

Joseph O'Grady.

Baltimore, Md.

Fresh green feed will be scarce during the winter months. Better turn to page 1338 and see what we have to say about scientific feeding. It's a good book.

There are many poultry journals, but only one American Poultry Journal. Readers, please advertise.

"RINGLETS" ARE MONEY-MAKERS

E. B. Thompson's Barred Plymouth Rocks are Making Money for Customers Everywhere

A breed that is in such great demand as the "Ringlets," and sell as they do, must have a world-wide popularity and be great layers, breeders and show birds.

"Ringlets" are the choice of thousands, they sell when no others will by reason of their matchless quality. Their prize record at the Imperial Show of all America—New York—is unexampled.

CANNOT SUPPLY DEMAND FOR "RINGLETS"

Mr. E. B. Thompson:

Dear Sir:—Please send me one of your latest catalogues with prices. I cannot supply the demand for "Ringlets" and will have to send you my orders soon. I have raised about 150.

Yours truly,

J. M. CULPEPPER.

CRAZY OVER "RINGLETS"

Mr. E. B. Thompson:

Dear Sir:—I have your Bargain Catalogue before me and I have looked over same several times. I want some of your stock. My trade demands "Ringlets" as Texas is crazy over the "Ringlets" and no other Barred Rocks are very saleable. I have been to some of the shows near here this year and the "Ringlets" were all the rage and I want to get a pen of each cockerel and pullet mating. I have been beaten two years by "Ringlets" and am tired of it. Yours truly, JARVIS M. LIPSCOMB.

FIRST PRIZE "RINGLET" COCKEREL

Mr. E. B. Thompson:

Dear Sir:—I write to inform you of my success with the "Ringlet" eggs last purchased from you. I had good hatches and raised some fine specimens; have one of the finest chks. I have ever seen. He has just taken first prize here in Burlington and also at Greensboro in strong competition open to the world, eight car loads of birds there from northern cities. The judge declared him one of the finest birds he had ever seen. With thanks for honest dealings and kind wishes, I remain,

Yours truly,

JNO. W. LASLEY.

"RINGLETS" ARE WINNERS

Mr. E. B. Thompson:

Dear Sir:—You remember sending me 100 eggs for \$50 last spring. I showed at Three Rivers, Mich., two cockerels and four pullets and won 1st and 2d full line of birds, old and young, while I did it ALL on young stock.

Yours truly,

Union City, Mich., March 3, 1910.

If you desire to win, I can help you; if you want to breed winners, I can sell you the birds correctly mated to produce high scorers. 1000 grand breeding and exhibition cockerels for sale—one of them will improve your stock. Elegant hens and pullets in any number. Show birds fit to win in any competition. New richly illustrated catalogue mailed upon request. It is full of pictures of New York Winners from life.

SEE MY
OTHER ADS

: E. B. Thompson, Lock Box 510, Amenia, New York



Winners of Special Prize for Best Pen Mated to Produce Exhibition Cockerels at Madison Square Garden, New York

FEEDING LAYING HENS FOR EGG PRODUCTION.

THE idea of this article is to help prospective poultry raisers, although space compels me to be brief.

We have demonstrated the fact that the American egg is the gold of the farmers' products.

The principles upon which feeding for winter eggs are based are a variety of opinions rather than a restricted science.

In order to reach a high state of productiveness, we must make our winter conditions comply with the summer ones as much as possible.

I find the majority of hen houses have small, dark windows. This is one great mistake. Keep your windows clean and free from dust or cobwebs. Remember the lines of one of our old hymns—open up your darkened windows and let a little sunshine in. Sunshine purifies the blood and insures strength and vigor.

The most essential food is a variety of vegetables, with good, sound grain.

At the present time the high price of cereals is an important factor in favor of root crops as a feed for laying hens. Mangel roots are the best root crop for feeding. "Although any root has a certain amount of nutriment," they contain the largest amount of dry matter of any vegetables and the yield per acre is the largest of any variety. An experiment some few years ago proves to us the value of mangel roots as a food. It was found that a larger per cent of dry matter could be found per acre in mangel roots than in a large yield of corn.

In the selection of green foods for laying hens, the cabbage should not be overlooked for this purpose. The cabbage is next to mangels in value as a nutritive food.

Clover and alfalfa cut fine and placed in a tub with boiling water and al-

lowed to steam, are greatly relished by hens.

You should provide your hens with a cheap litter of straw or chaff, the latter being preferred. In this litter mix your morning grain ration, which should be composed of a variety of grains. This form of feeding compels the hens to work for their living. Again at three o'clock in the afternoon feed your hens the same way. This will give them ample time to fill their crops before going to roost.

Exercise care not to overfeed. Overfeeding will fatten your hens and stop egg production. I find a good grain ration is two parts wheat or buckwheat, two parts cracked corn and one part oats. I recommend the use of cracked corn; it is harder to find in the litter and easier to digest.

You will find by carefully reading the different articles on feeding that there are a good many opinions on the subject: "How should ground grain be fed?" We find in the past the majority of poultry raisers practiced the feeding of a mash in the morning. This method is conducted at the present time with good results. Again we have the hopper system of feeding ground grain dry. I think this method is followed by the majority of successful poultry men. Where ground food is a part of their ration, when using the hopper system, allow the fowls free access at all times. A good ration is equal parts of bran and ground oats.

C. J. Parkhurst.

Schenectady, N. Y.

Editor American Poultry Journal.

Dear Sir: Being a constant reader of your valuable publication, I am very much surprised to find so little said concerning water fowls by its many readers. It seems to me that the raising of water fowls is a branch of the industry that in the past has been much neglected, but since the introduction into this country of the Indian Runner duck the

lovers of water fowls have taken new courage, as we find in them a fowl very valuable from several points of view. First and most important is their remarkable egg production. I believe under ordinary care they will run a close second to the Brown Leghorn hen, and if weight of eggs were taken into consideration I believe they would stand alone as the champion egg-producing fowl of America. They are easily raised and easy to handle and pen, a 2-foot netting turning them nicely. They are great foragers when let run at large, but the damage done by them to growing crops is not so large as that done by the same number of chickens, and if necessary they stand confinement well. They are great homers, always coming up and going into their pen about the same time each evening, so making the collecting of eggs an easy task.

I find that there are at least three distinct breeds, the Fawn and White, Brown and White Penciled and White. I have no doubt but one breed is as good as another, but the Brown and White Penciled being the only breed that I have had any experience with, I can only speak for them. Would like to hear from some of the breeders of other varieties as to their good qualities.

Charles S. Macy.

Arlington, Ind.

If you have failed in other business owing to your own neglect, don't start in the poultry business and expect to make good; but if you want a good-paying business, one that will bring big returns with reasonable amount of care, start in the poultry business today.

This is not a political paper, but, really, what do you think about the Democratic landslide? How much more will chickens and eggs cost next year? Better get in on the poultry ticket and be elected with the poultry landslide. It's the one safe bet.

Young
Stock
Matured

S. C. Buff Orpingtons

Exhibition
Quality

Well matured birds of the right quality is what wins in the show rooms. My stock is of the best blood lines and has won in competition with the best breeders at the best shows. My young stock is well matured, pullets laying, have correct type, superb under and surface color. Let me quote you prices on birds for your coming show and breeding stock as well.

ROSELAND POULTRY FARM, CHAS. W. SWITZER, ROUTE 1, SOUTH EUCLID, OHIO

White Orpingtons—S. and R. C. Reds

Winners Wherever Shown—75 White Orpington cock birds, Kellerstrass Strain, \$5 up. Also a few hens, \$5 up. 15 R. I. Red cock birds, both combs, \$5 up. 50 females, \$3 up. If you want something extra good, order at once and get first choice.

W. ETZENSPERGER

WILLOUGHBY, OHIO

800 White Plymouth Rocks

Absolutely the Best I Have Ever Raised

This is saying a whole lot when you consider my great record at the last three Chicago shows—1907-08-09—when I won the championship in succession in the face of strongest competition. My customers have also won many first prizes at the leading shows in the country. I have hundreds of testimonials to convince you.

Let Me Sell You a Winner

Write and describe your wants, and I will guarantee you *absolute satisfaction* or money back. My birds have that correct Standard type, are as white as the driven snow, and are big fellows. Send for catalog.

H. W. Halbach

Box A, Waterford, Wisconsin



QUESTIONS AND ANSWERS

Questions will be answered in this department only when full name and address is signed by the writer.

Question.—Would like to have information in regard to chickens with sore eyes. Eyes slightly swollen, watery and have the appearance of being blind.

Toledo, Ohio.

C. C. J.

Answer.—This is roup in the first stage. Procure some one of the various roup cures advertised in these columns and give as directed.

Question.—(1) Do you consider roup a contagious disease? (2) Will hens that have ever been affected with roup ever be fit for breeding purposes? (3) Should chickens be fed pounded glass for grit? (4) I need some Single Comb Brown Leghorn cockerels for next season from a good laying strain; can they be procured for 75c, as advertised in your paper?

Lodge, Mo.

R. C. A.

Answer.—(1) Yes. (2) No. (3) This may be used, but any of the commercial grits are far better. (4) 75c is a very small price to pay for cockerels of any variety and you could not expect to get much of a bird for this price.

Question.—(1) What is the best and cheapest thing to put in a hen house for hens to scratch in and shall I use the same for old and young chickens? (2) What shall I use in the dust box and shall I use the dust box for small chickens? (3) Have you a book concerning domestic rabbits, and if not, where shall I find one? (4) Have you a market for feathers? (5) Is a place with a temperature of 60 degrees too warm for young chicks from one day to eight weeks?

Barrington, R. I.

G. F.

Answer.—(1) Oat straw makes the best scratching material for old fowls, cut clover hay for young chickens. (2) Common road dust. It is not necessary to furnish dust box for small chickens. (3) We can furnish you with a book on rabbits, price of which is 25c. (4) No. (5) Day old chicks should have a temperature of 95 degrees and as they grow older temperature should be reduced until

they are eight weeks old, when it should be between 60 and 70 degrees.

Question.—(1) Which is the best breed of poultry to raise for broilers to get the best prices? (2) Which is the best egg producer, the Single Comb White Leghorn or the Brown Leghorn? (3) Will Leghorns produce as many eggs and do as well that are kept by the Philo System as if they have free range? (4) What is the average egg yield of the White Plymouth Rock, of the White Wyandotte and the White Orpington? (5) Which of the last three named lays white eggs?

Kerstetter, W. Va.

W. P. S.

Answer.—(1) There is really no best breed of poultry for broilers. Any of the American varieties, such as Rocks, Wyandottes and Rhode Island Reds make excellent broilers. (2) There is nothing to choose between these two varieties so far as egg production is concerned. (3) It is so claimed. (4) About 150 eggs. (5) None of them.

Question.—Please let me know in your Question and Answer column what kind of a chicken-food will ground peanuts make.

T. W. W.

Westernport, Md.

Answer.—We have never had any experience with this feed, therefore not in a position to state.

Question.—About the middle of October my young chickens became sick. Their combs and wattles were black, they would not eat and their feet were cold. Found the crops when opened very offensive and full of corn and those little black bugs that hatch out after the first good frost, and live off the filth of barnyards. Took a tablespoon Powdered Gentian to 1 pint of water and gave from a few drops to a half teaspoonful to each fowl two or three times and never lost another chicken. All the chickens in the neighborhood had the same thing. Will you please tell me in

your Question and Answer column the cause of the trouble?

D. W.

Stanton, Mich.

Answer.—This was liver trouble and sour crop, caused no doubt from what the fowls had been eating, and as your remedy was effective there is no need of giving another remedy here.

Question.—(1) Would poultry pay in a small town forty miles from Evansville, Ind., on a lot 50x100? (2) What breed would you raise for layers? (3) What should be the cost for the first ten weeks of raising a Barred Rock chick hatched the first of March and what should be the weight? (4) Are there any of your advertisers that can furnish me with day-old chicks of different varieties?

I. L. H.

Slaughtersville, Ky.

Answer.—(1) Yes. (2) Any of the Standard varieties. (3) About 15c. Weight should be 24 to 30 ounces. (4) Yes, see our advertising columns.

Question.—Will you tell me what is the trouble, cause and cure of my chickens? They have a sort of rattling in their throat, a white bubbly substance gathers around the eyes of some of them. Others have the rattling of the throat and run at the nostrils. They appear to eat well, but seems to be very light in weight and all breathe very hard. I noticed some of the pullets, when roosting at night, set with their heads raised very high and when breathing appear to keep bulging out at the neck and making a noise as though sneezing or coughing. I steamed them with hot water and carbolic acid and am now using Conkey's Roup Cure but without avail.

W. F. H.

Youngstown, Ohio.

Answer.—Your fowls have a complication of diseases, including roup and bronchitis and probably canker. They are in a very bad shape and it is almost impossible to doctor them successfully. The trouble may have been caused by breeding from diseased stock and they have therefore inherited it from their parents. It would be better for you to dispose of these birds at once and thoroughly disinfect your premises with some good disinfectant and procure some new stock. Our Poultry Doctor Book will give you full information about this and other diseases of poultry, price of which is only 50c.



CRUSADER III—A BOSTON WINNER

REGAL FACTS

Are you a breeder of White Wyandottes or are you thinking of taking up this splendid variety? Let me present a few facts for your consideration.

I—Regal White Wyandottes being bred in a northern climate have always been noted for size and vigor and beautiful silvery plumage.

II—Eggs hatch phenomenally well and the big plump chicks grow like weeds.

III—Regal White Wyandottes in the past ten years have won more prizes than any other strain. New York State Fair, Boston, Toronto and Guelph, Canada's two greatest shows; 218 regular prizes, not counting specials.

IV—In the past three months Regal White Wyandottes won important prizes at twenty-one state fairs.

V—While some breeders and judges in the past have made a hobby of color and ignored shape, Regal White Wyandottes have always been noted for shape and there are none any whiter.

To quote Judge Drevenstedt, the greatest living authority on Wyandottes, your birds have been bred to the Wyandotte type most consistently ever since I first handled and judged them at Toronto many years ago. They are true Wyandottes in shape and have the color to go with it. All over America my customers are winning the blue ribbons, so if "the proof of the pudding is the eating," why not send me a trial order and be convinced.

1,500 Cocks, Hens, Cockerels and Pullets for sale. Send for illustrated catalogue giving price and description of stock.

John S. Martin, Box 51, Port Dover, Can.

Question.—Will you kindly answer in your December number of the journal the following? I am an amateur fancier, but think I have some very fine stock and show birds, some imported ones that I would like to show at large shows this year. Being a business man, I cannot get away to attend the shows and look after the birds. Is it safe to send them without any one being present at the show who is an acquaintance? How would you go about it? Do your birds get just as good attention and is the judging done impartially? Are your premiums sent to you, ribbons and money, as soon as the show is over? Is there any danger of fraud or losing birds? A. H. Louisville, Ky.

Answer.—Thousands of birds are sent each year to poultry shows unaccompanied by their owners or manager. The birds get just as good attention as they would if the owner was in attendance. Premiums are sent as soon as the secretary of the show can get to it after the show closes. The danger of fraud or of losing birds is indeed very slight and the judging is or should be done impartially.

Question.—(1) How many chickens can be kept on a lot 65x168? (2) One of my pullets was found dead in hen house. There was a yellow-looking oil running from eyes and nose. She was all right the night before. (3) Young chicks have a continual opening and shutting of mouth and the crop is full of wind. What is the cause of this? G. F. W. Ensley, Ala.

Answer.—(1) About 400. (2) Probably caused by an over-fat condition. (3) This is probably sour crop caused by improper feeding. Give powdered charcoal in soft food and a tablespoonful of common baking soda to each quart of drinking water.

Question.—(1) My turkeys get droopy, do not care to eat. Their heads turn dark, red or purple and their droppings are thin and yellow. They live about a week and die. Please give cause and cure. (2) Do turkeys have tape worms? If so, what is the cause and cure? (3) Will acorns make turkeys poor or hurt them in any way? (4) Have noticed in the droppings of my turkeys a small worm. Please give remedy. (5) Where can I get a book on diseases of turkeys? Lixville, Mo. H. F. F.

Answer.—(1) This may be black head or it may be caused by worms. See article in this issue for cure. (2) Yes. (3) No. (4) See article in this issue. (5) Our Poultry Doctor Book will give you full information about diseases of turkeys and all other fowls; price of this book is only 50c.

Question.—From what have the Black Leghorns originated and what do you think would be their future if they had a few men to put their best efforts into their improvement? Could they be made to equal the whites of today? If not, what is against them? R. B. F. Homestead, Pa.

Answer.—The Black Leghorns originated in England and are a cross of Brown Leghorn and Minorca. They have never been very popular in this country, but no doubt could be made so if the proper effort was put forth.

Question.—(1) Is it a good plan to have a platform covered with about six inches of straw for Single Comb White Leghorns to sleep on during the winter instead of roosting? (2) To whom do you apply to join the Boys' National Poultry Club? (3) What will be the cost to enter a chicken in the show at the Coliseum on December 8th? (4) Do you have to belong to a poultry club in order to exhibit at a poultry show? L. J. Jr. Chicago, Ill.

Answer.—(1) No. (2) The secretary, Mr. E. Lawton Moore, Jr., Wyncote, Pa. (3) \$2.00, but you cannot now enter, as entries closed November 22. (4) No.

Question.—(1) Must Rouen ducks have water to swim about in, if you give them plenty to drink? (2) If I hatch Rouen ducklings, will they die for want of a place to swim in? (3) What is a good feed to give Rouen ducks? G. B. New York City.

Answer.—(1) No. (2) No. (3) Young ducks should be fed with corn meal and middlings moistened with warm water. Old ducks may be fed corn, wheat or any good grain.

J. D. B., Tyler, Tex.—Chickens are troubled with what is known as jiggers in the South, which is a small flea. They lay their eggs around the heads and when hatched are a solid mass, but easy to get rid of. Any soft grease or oil rubbed on

them will eradicate them at once. If one dose does not do the work, make the second application. Your chickens are running under an old building where the earth is very dry and fine, which is one of the best breeding places for fleas. It is a very common trouble here in the dry South. If you give the place a thorough wetting you will have no more trouble. Beaufort, S. C. Dr. J. A. Whitman.

Question.—(1) Should chicks be fed during the first 48 hours? (2) When should water be given? (3) What feed is best for first day and time to feed it? (4) How long should above feed be given? (5) When should chick food be first placed in litter? (6) What feed for chicks one to 10 weeks old? (7) When should raw bone be first given, and how much? (8) How should green food or sprouted oats be first given? R. C. M. Kansas City, Mo.

Answer.—(1) No. (2) When they are taken out of the incubator. (3) Hard boiled eggs and cracker crumbs after they are 48 hours old. (4) For the first four or five days. (5) Any time after they are three days old. (6) Any of the commercial chick feeds now on the market. (7) After they are six weeks old a very small portion of raw bone may be fed, but this is not necessary. After they are three months old they can be allowed one ounce three times a week. (8) Green food can be fed any time after the chicks are a week old.

Question.—I have blooded pullets of a good strain and have procured a cock of a still better but a different strain than my pullets. Would it be better to mate pullets with this cock, or to get a cock of the same strain? E. M. Delaware, Ohio.

Answer.—It is better whenever possible to procure a male bird of the same strain to mate with the pullets.

Question.—What is the matter with my eight-weeks-old chickens? Their face and around their combs get raw and later their eyes swell on the left side? Mt. Gilead, Ohio. Mrs. T. M. M.

Answer.—Your fowls have caught a severe cold, due probably to a draught. Take a lump of lard the size of an egg, melt it, after which add two tablespoonfuls of kerosene oil. Rub this warm mixture on the head and throat of the fowls;

BRED TO LAY : BRED TO PAY : BRED FOR EXHIBITION S. C. W. LEGHORNS : S. C. R. I. REDS

BIRDS OF QUALITY
BRED ON RANGE

Breeding Stock For Sale

Order your day-old chicks now and get deliveries when wanted. Prices: Utility Leghorns, \$12; Reds \$15 per 100.

THE WINONA FARMS, Box 272, LANSDALE, PENNSYLVANIA

ORPINGTONS

BUFF, BLACK AND PEARL WHITE

means all in the establishment of a reliable flock. Mr. elaborate 30-page, 8x10 catalog is complete and will be mailed for a dime. It tells the story of

YOU are familiar with my phenomenal records for the past twelve years in Orpingtons if you have watched the advancement of this wonderful breed. I won more premiums on Orpingtons at the 1908 and 1909 Chicago shows than any other exhibitor. I have supplied winners for the largest shows in the States and Canada in the past and will continue to do so in the future. There's a reason.

1500 young birds growing. An enviable show record awaits the early purchasers of this show stock, which I will reserve and deliver in the pink of condition if desired. A small deposit on advance orders will be sufficient to insure reservation. The quality of my stock is superior and the same in Buffs, Blacks and Whites. READ THIS AGAIN.

I have the quality of the hour in line bred birds that can be depended upon. That

THE FAMOUS BYERS' STRAIN ORPINGTONS
C. S. BYERS • ORPINGTON SPECIALIST • HAZELRIGG, INDIANA

Get a copy of our new 84 page book "How to Operate Incubators and Brooders Successfully."
Price 50 cents. See our other advertisement on another page of this journal.

BARNUM'S WHITE CORNISH

Winners again. This time at the big Michigan State Fair in a large class of Cornish. Get my strain and win at your shows. My egg records are the best device ever gotten up for the purpose. 25 cents a dozen, \$1.50 a hundred. Sample 2 cents.

C. A. Barnum White Cornish Specialist 320 Rohns Avenue, Detroit, Michigan

RANKER'S S. C. BUFF LEGHORNS

Blue Ribbon winners at Chicago, Boston, Cleveland and others for years. Cockerels, pullets and hens at bargain price. Cockerels, \$2 up. Hens and pullets, \$1 up. None better on earth.

L. W. Ranker - Box A - Tiffin, Ohio

Silver Wyandottes

I won at Cleveland, 1919, 1st pen, 2d cock and 3d pullet on three entries. At Coshocton, Ohio, 1910, 1st, 2d and 3d cock; 1st, 2d and 3d hen; 1st, 2d and 3d cockerel; 1st, 2d and 3d pullet; 1st and 2d pen. Also all specials in strong competition. Some choice cocks and cockerels for sale. No pullets for sale. Write for prices and description. Mention American Poultry Journal.

G. F. Stewart - Coshocton, Ohio

S. C. R. I. REDS

Strong, vigorous birds; large, good shape and color. Many cockerels for sale. Scored by Heimlich. Write me your wants; I can please you in both quality and price. Circular free. Satisfaction guaranteed.



H. T. Marshall : R. R. 53 : Sheridan, Illinois

Buff and Black Orpingtons and S. C. and R. C. Reds

Positively the GREATEST BARGAINS ever offered in the above varieties. Our show birds and grand breeders now half price to clean up quickly and make room for our 1000 head of young stock. All eggs half price. If you intend buying any of above varieties you make a mistake if you don't write us today.

Craig and Mapes, Box 4, Mt. Lebanon, Penna.

WHITE ORPINGTONS

Kellerstrass Strain. 30 cockerels for sale at reasonable prices. Satisfaction guaranteed. Write us your wants. First pen in a class of 161 birds at Illinois State Fair-1910, Springfield, Illinois. Mention American Poultry Journal.

Prairie View White Orpington Farm Rev. Will A. Green Manager R. 2, Barnett, Illinois

PARTRIDGE WYANDOTTES

With a Show Record—At Warren, Indiana, 1910, I won 1st cock, 1st hen, 1st old pen, 1st cock; rel, 1st pullet, 1st young pen. At Ft. Wayne, Indiana, 1910, 1st cockerel, 1st and 2d pullet, 1st and 2d hen, 1st pen. At Huntington, Indiana, 1st, 2d, 3d and 4th cockerel; 1st, 2d, 3d and 4th pullet; 2d cock; 1st and 2d hen; 1st pen. Some choice stock for sale.

G. A. Roberts - Warren, Indiana

White Crested Black Polish

The Fowl of Beauty and Utility. At the late Springfield, Ill. State Fair, my birds won 1st cock, 1st hen, 2d and 3d cockerel, 1st and 3d pullet. Have some high class exhibition stock for sale, both old and young, that will win in any show. All birds shipped on approval. 30 years a breeder.

W. H. SNOOK - POLO, ILLINOIS

POULTRY SUCCESS IN THE BACK YARD.

HOW often have we heard it said that poultry could not be successfully reared or profitably kept in close confinement or under conditions such as city or town people have afforded them. To such statements I cannot agree. In fact, my own experience teaches me altogether different. While only an amateur in the business perhaps it will not be amiss to tell the readers of these columns just what my success has been, or, rather, what I have accomplished in my "back yard." About the middle of January last I was seized with what is commonly called or known as the "chicken fever." The only remedy I could find for this malady was to purchase a trio of White Orpingtons from a western fancier and impatiently wait results, which I did much to my delight and satisfaction. I must not get ahead of my story, for in the meantime I had taken advantage of the combination offer on poultry journals and subscribed for four of them at the very low rate of \$1 for all four of them for one year. And I wish to say right here that I don't know how or where I could have invested a dollar to better advantage than I did by subscribing for these valuable papers. I read them carefully, and they have been my guide and have proven to be, as it were, stepping stones to whatever success I have achieved. It is my candid opinion that no one should attempt to raise poultry without first subscribing for several good poultry papers, of which there are a number, and peruse them carefully and learn just how the big fellows have achieved their success. Forget that old haphazard way which has so often resulted in complete failure, and sit up and take notice of the methods that the fellows with plenty of gray matter have worked out from practical knowledge and a scientific standpoint. In addition to my trio of White Orpingtons I also purchased a Cycle hatcher. I had never seen an incubator before, and knew nothing about them beyond what I had read in catalogues sent out by the manufacturers. However, I looked it over and soon constructed a small wooden frame, and with a piece of hose connected it to a gas bracket in an unused sleeping room, rigged up the hatcher and began operations with gas, and it worked O. K. I succeeded in getting a 75 per cent hatch throughout the season. Taking into consideration that a large percentage of the eggs incubated were taken at random from a grocery store, I deem it a fair hatch. At this writing I have in my back yards, which is 20x80 feet, 200 young chickens, all strong and hearty, ranging in different sizes and ages, the smallest six weeks old and the largest weighing three pounds each, 62 of these being White Orpingtons hatched from eggs of the trio I first purchased, and the breed I propose to bestow my best efforts upon. I have a great many visitors to see my birds, among whom are chicken raisers, and all compliment me on my success, or rather, as they term it, good luck. I usually reply that I think it not so much good luck as good attention. In addition to the above I neglected saying that I sold four weeks ago eight nice broilers at a good figure. During business hours my

wife looks after all the little details, and they are many indeed, yet of the greatest importance, for they contribute very largely to good health and profitable flocks. My coops, of which I have three, are built of matched lumber and colony style, have open screened fronts and equipped with drinking fountains and dropping boards which are convenient to keep clean, and the open front affords plenty of fresh air, which is absolutely necessary to produce good results. I am a strong believer in plenty of good fresh air and clean water and cleanliness throughout the entire system. Our loss by death has not averaged above 4 per cent, and for this amount of chickens to be kept in close confinement in small yards not over 8x10 feet square I consider pretty strong evidence that chickens can be successfully raised in the back yard. I expect to market enough of these fowls to more than pay my entire expenses of coops and feed and still have remaining thirty-five or forty White Orpington pullets which at this time are very promising and bid fair to supply us with fresh eggs for the winter. Just one more item and I will not weary you further. About eight weeks ago I procured from a friend in the country six turkey eggs which I incubated in my Cycle hatcher and brought out six strong, hearty turkeys. They are now four weeks old, running at liberty in the back yard and doing fine. I am living in hopes of enjoying both a Thanksgiving and Christmas turkey dinner. And again let me emphasize that what I know about raising poultry I have gained by reading the columns of the poultry journals.

P. W. Wenk.

PROTECTION AGAINST THIEVES.

A chicken worth hatching is worth saving. Every paper is full of timely articles on all manner of evils that beset chicks, but in all my readings have not seen an article on protection against thieves.

A thief can undo the work of a season in one night, and they are doing it all over our country. Why? Either because of carelessness or not knowing how to protect properly.

Am a breeder of White Wyandottes exclusively, and have my houses protected by both the open and closed circuit systems, making it impossible for a thief to enter without turning in an alarm.

My houses are of the open front type,

making protection a hard proposition. Each house has two windows 2½ feet by 6 feet, covered with 1-inch wire netting.

Following is one of the systems I use:

The open circuit system needs an electric bell, with 2½-inch gong, enough annunciator or bell wire to make a metallic circuit from your residence to your poultry house (a heavier wire for outside purposes is preferable, about a No. 12 Kerite rubber-covered wire will stand the weather), all wires must be insulated from the ground by placing on wooden posts, or buried in the ground in tile or wooden boxing. Two cells of dry battery should operate 200 feet of wire. On the sill of each opening tack a piece of copper or tin, 2 inches by 4 inches every 2 feet, under this contact, coil the end of a piece of small wire bared of insulation about 2 inches, leaving 2 feet loose; now saw a board the width of your sill and the length of each window, cutting it shorter by at least an inch, to fit over the sill, mark on the board where the lower contacts will strike and place some tin or copper with wire under on the board. Now get a No. 12 spring brass wire and make three or four springs about 1 inch high when opened enough to spring good, bore a hole in the sill and one in the upper board opposite each other about ¼ inch in depth, place springs in sockets. They should keep the contacts about ¼ inch apart. Bore four holes through top board size of a large round spike and set the board correctly, driving the spikes down until the heads leave about ¼ inch play above the board, this allows the board to work up and down if pressure is made on board at any point. The two wires brought from residence are carried along under the windows and past your door, each wire of the upper board is connected to one wire from the residence and each wire from the sill contacts to the other wire from your residence, the wires being bared for the contacts.

On the door tack a piece of tin or copper about 2 inches square, tack it on back edge of door with wire under same as windows; on weatherboarding place a piece of your spring wire about 2 inches long with an eye for a large screw, fasten a short wire through board to your screw, fasten both wires from this contact to residence wires same as windows. Leave both residence wires open at end.

When you lock your house at night

turn the spring on door over contact just so it will not touch unless door opens, your windows are always set. Now screw your bell where desired, running one poultry house wire to one binding post of bell, other poultry house wire to zinc of battery carbon of same battery to zinc of other cell and carbon of this cell to other binding post of bell.

A Large Egg Yield

A hen—any hen—will lay a great number of eggs (some more than others) if conditions and surroundings are such as meet the requirements of hen nature. Here is where *your* part comes in. Give the hen a regular daily portion (a penny's worth is enough for 30 hens) of Dr. Hess Poultry Pan-a-ce-a, and she will do the rest.

DR. HESS POULTRY PAN-A-CE-A

is not a food—it is a tonic, specially prepared to give tone to the digestive and reproductive organs, so that the maximum of food, over and above the maintenance ration, is used to make eggs. It has also a property foreign to a so-called poultry food. It is a germicide, that is, it destroys bacteria, the cause of nearly all poultry ailments. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M.D., D.V.S.), is endorsed by the leading poultry associations in United States and Canada, and is sold on a written guarantee.

1½ lbs. 25c., mail or express, 40c.

5 lbs. 60c.

12 lbs., \$1.25.

25 lb. pail, \$2.50.

Except in Canada and extreme West and South.

DR. HESS & CLARK,

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Instant Louie Killer
Kills Lice.



Send 2c for
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THIS 120 EGG
RELIANCE
FREIGHT PREPAID
NO EXTRAS

OVER 200,000 beginners as well as old timers have succeeded with this machine. Metal covered all 'round—front, back and sides, top and bottom—high-grade galvanized iron. Also metal legs and metal lamp. The safest incubator built; the easiest to heat; the surest to keep at exactly the right temperature. Simple as A B C; self-regulating; self-ventilating. Lumber walls, insulating walls and double doors—metal covered. All complete, ready to start your hatch; no extras to buy, and freight prepaid.

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The best guide to poultry success published. A money-saving market place for Incubators, Brooders, Poultry Supplies and Thoroughbred Poultry. Contains our guarantee and tells why we can quote prices way below others. Remember this is a 120-egg machine for \$7.50, and we pay the freight to points east of Missouri River and north of Tennessee. If you live further, write for delivered price. Don't order a thing in the poultry line till you get our book and prices. RELIANCE INCUBATOR CO., Box 550, FREEPORT, ILL.

This 120-Egg Incubator
Only \$7.50 Delivered
will start you right raising
chickens—Get our Free Book



The least pressure on window sills or contact at door will ring your bell as long as contact is made, which should be enough to waken you. Then get busy.

Houses equipped with both closed and open circuit system are practically burglar proof.

L. L. Potter.

ROSE AND SINGLE COMBS—NEW VARIETIES—AMATEURS AND VETERANS.

Dr. H. F. Ballard.

A writer in the Feathered World objects to the manufacture of so many varieties, with no distinguishing characteristic except comb. He says: "I think it is high time fanciers insisted on the comb being the one great point in any breed, and treat as mongrels (which, of course, they are) any which have not a comb characteristic of the breed. We have Minorcas and rose comb Minorcas, Leghorns and rose comb Leghorns, Rocks and rose comb Rocks, Rhode Island Reds and rose comb Reds, and we are being threatened with ever so many more. * * * These mongrel classes will in time ruin most shows, as few fanciers care to compete in 'Any Other Variety' classes. If the Poultry Club accepts standards for any new variety of a breed, they should insist on the main characteristics being preserved, and in no case allow both kinds of combs in the same breed."

How does that strike you American breeders? My opinion is that if carried out it would necessitate a big lot of culling in some flocks. You could not go unconcerned along your way, producing two kinds of combs from the same mating and calling them two distinct varieties. It's a money proposition, pure and simple. I am inclined to think the Englishman is right, or half right.

The Rose Comb Leghorn has never been able to keep up with its older brother, the S. C.

Another writer in the same journal is objecting to the Single Comb Wyandotte. That is a new one on me, and if there is such a misnomer it is about time somebody was objecting.

Well, I am thankful that we don't have any Rose Comb Cochins, and

don't want any. We don't want anything but Cochins blood in them and it would surely mean a mixture if we had them. We have so many mixed up varieties now that it takes an expert to define them, and it keeps the breeder in a continual wrangle fussing about shape. A Wyandotte with Rock shape and an Orpington with Wyandotte shape, yes, and even a Leghorn with Dotte shape and vice versa, I have seen mentioned.

An eastern breeder tried for years to introduce a pea-combed Plymouth Rock, and I have an idea that the knowledge that they contained Brahma blood deterred many breeders from taking them up. We get tired of a variety that is continually reverting back to an impure ancestry, and that is what these mixed up combs and things are forever doing. If we must have new varieties let us have some other distinguishing marks besides merely comb.

Here is another pretty good squib by an English writer; I wonder if it would hit anybody in the United States: "An experienced fancier or so-called professional is one who can win at the big shows. A novice is one who breeds the birds and sells them, to go eventually to the experienced fancier for the latter to scoop the pool with. A judge is one who, acting as middleman, buys the birds bred by the novice and sells them to the experienced fancier to win under him (the judge) at the next show at which he is officiating." He then goes on to say: "I back the novice who gets a good price for his birds, without the trouble and worry of exhibiting them." A few years ago I knew an Illinois breeder of White Plymouth Rocks, a lady, who sold regularly all her birds to a big breeder to fill his sale order with. There is probably a good deal of that kind of business done, though I think perhaps not quite so much as formerly, because most of the large breeders have enlarged their plants, so that, with incubators and brooders, they now raise more of their birds than formerly. It is perhaps only in exceptional cases where many birds are bought to be resold under the name of a breeder of reputation. Then, too, many of these smaller breeders had first purchased

their stock of the larger one, so there was really no deception in the matter, the birds all being of the same strain. It is all right to buy birds to be resold, the same as in any other kind of stock, providing the purchaser knows the stock and the pedigree back of it.

AN INCUBATOR HOUSE.

It is an open question as to where is the best place to run an incubator, in a cellar, house or in an unused room in dwelling house. Many are used in each.

Any place that has an even temperature and is well ventilated is all right for an incubator.

Have an incubator house 10x12 feet dug down 3 feet in ground and built 3 feet above. Walls and overhead ceiled with 1/2-inch pine ceiling, outside walls and roof boarded up tightly and covered with ruberoid roofing, both roof and walls. Floor is covered with 3 inches of gravel, walls are cemented up to the sills, steps covered with concrete.

Outside storm door in the south side fits tightly, the inside door a frame covered with domestic.

A half window in the east and west sides are hinged on the inside, on the outside they are covered with poultry netting first and then with domestic.

Ventilation is by the door and windows, which will have just the cloth covering except in severe stormy weather, when storm door or window can be closed as needed. The cloth covered door and windows will admit plenty of air and will still prevent a draft striking the incubators.

If the air becomes too dry the gravel floor can be sprinkled to supply needed moisture. Shall keep floor damp while machines are hatching. Have four incubators in house and still have plenty of room. If ground is not well drained it will be necessary to cover the floor with concrete, but where water does not seep in too much I would prefer the gravel floor.

Pleasant McBride.

Editor American Poultry Journal.

Dear Sir: In your October issue, "C. W." Montavilla, Ore., asks the quantity of water a laying hen will consume in a year. Due to the fact that you are unable to give him the desired information in any definite degree, I take the liberty of advising you that "50 laying hens in good condition require 4 to 6 quarts of water a day." I quote from page 24, Farmers' Bulletin, United States Department of Agriculture, No. 287. I trust you will impart this information to the gentlemen after you verify same, should you deem it necessary.

C. B. Woolverton.

WE CHALLENGE

any person in the world to hatch one egg the Magic Egg Tester registers unhatchable. This device is used before you incubate. 22,000 in use!! Unimpeachable Testimonials. Specialists in incubation, the newest methods go with each Tester. By registered mail on receipt of \$2.00. Four months' trial. If not satisfied, money returned. MAGIC EGG TESTER WORKS, Station B, Buffalo, N. Y.

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POINTS THE WAY
START RIGHT
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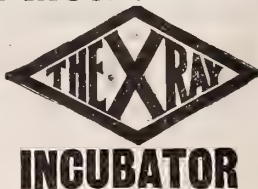
Other incubators may be as well made as the X-Ray but they don't hatch like the X-Ray because they're not made on the same principle. Here's an example. All other incubators burn the lamp high all the time—and let the excess heat escape when the egg-chamber gets too hot. We control the heat by cutting the flame down at the burner. That saves your oil. That's why

One Gallon of Oil

is enough for a hatch with the X-Ray.

We place the lamp underneath, in the center.

That's why we get absolutely uniform heat throughout the egg-chamber. And our lamp holds 4 to 8 quarts of oil. Fill it once and you never need touch it till the chicks are hatched out.



But those are not all the X-Ray advantages—although you will admit of their importance. Not alone do you save two-thirds of your oil and

Fill the Lamp Once

—but the X-Ray is also the easiest incubator to operate and turn the eggs in. The door is on top and has glass panels. Simply raise the lid. You can always see the thermometer without opening any door. Get all the facts. X-Ray Incubators are made of all genuine California redwood. Legs galvanized steel, strongly braced. See how the X-Ray works—how it hatches. We'll send it out freight prepaid on liberal free trial. Now send your name and ask for our interesting Free Book No. 10. Also tells about the X-Ray Brooders—just as superior as X-Ray Incubators.



X-RAY INCUBATOR COMPANY, Wayne, Nebraska.

STARTING A SMALL POULTRY BUSINESS.

In going into the poultry business, it is very important to start right. Many times persons have lost money the first year by not starting right, and then have grown disgusted with the business. This article is written for people who have the time for about fifty birds and want to keep them both for pleasure and profit.

I do not believe that the proper way is to spend any great amount of money at the first unless the person has had experience. This, by many trials, has been found to be the main factor in the poultry business.

Now the first year the man without experience should follow this idea. Build a house suitable for the number of birds desired. This house should be very plain, costing as little as possible, but strong and comfortable. Then some dollar birds should be bought. In obtaining experience it is better to keep perhaps one or two dozen. These birds should be kept merely for the eggs and raising broilers and roasters. By keeping these birds a year there should be a profit of twice the original cost, and what is still more valuable, experience. Then with the profit realized on these birds, some high-class stock or eggs should be purchased. In case eggs are bought, the hens can be used as mothers, and after the chicks are old enough, the common stock sold, and then keep nothing but high-class stock in the yards. Also with the profit of the first year it is often possible to build an addition to the original house, and soon there is a small but profitable business, founded on solid rock.

As a proof of this let me tell you of a friend of mine who wished to start the business. He had never kept hens before, but thought by reading all the books and magazines he could make a success of it. Of advice, he had a plenty,

and at last thought he was prepared to start out on his business venture, so he sent to a large breeder of his favorite class of fowl and bought twelve chicks at 50 cents apiece. He spent more on "the best colony house on the market," "the world's best chick feed," etc., and finally found he had laid out a good deal of money and only had his chicks, a pretty looking house, the practical use of which was doubtful, and a good amount of chick medicine and feed. He kept changing the variety of food for his chicks, but somehow could not seem to get the right article.

In the fall he had eight of the chicks left and the pullets refused to lay until some time in February, when they commenced a very scanty supply. During the spring he tried several hatches from his birds, but they were very poor, as his birds lacked the necessary vigor. At last he grew disgusted with them and sold them all at the highest price he could get, which happened to be a very low one.

So this unexperienced person lost a large sum considering his amount of stock, and decided that the poultry business was not for him. After all, it was his own lack of experience which caused the failure. If he had kept a few birds for a year or so he would undoubtedly have made a success of it when he started out with high-class birds, but it is too risky to attempt to breed such costly birds when there is any doubt as to the ability of the person, and ability means experience in the poultry business.

Now here is an experiment made by myself the first year I ever kept poultry, which was not so long ago. My plan was to prove that a profitable business could be built up with no capital and with no experience. I had never kept birds before and all I had in the line of poultry fittings was a small house. I went through the formality of bor-

rowing the original cost from myself and immediately bought twelve \$1 hens, which happened to be Rhode Island Reds. This was the 1st of October, and the hens began to lay at once. For feed I gave them a compounded scratch grain and plenty of green food, with beef scraps. By Christmas I had paid back to myself the original cost, and from then on they were a continual profit. I kept them about a year and then had a very nice profit, with which I purchased some fine eggs and set them under some of the hens. When the chicks were old enough I began selling the common stock and bought a pen of good birds, at the same time putting a small addition on my house. At last I had a yard of good birds and also had my experience, all of which had been started from nothing.

Although a year spent on common fowls appears to be a long time, this will always be found to be the best plan for success with poultry.

P. W. Harris.

You will never regret buying the best bird in a good breeder's flock if you can get him to sell it to you. If he won't sell his best, insist on his second best. Above all, deal with a responsible man; don't try to cut him down on his price, as he knows the value of his birds better than you do.

Cold storage men are making money these days. So are the poultrymen who have laying biddies at home.

Don't fail to have a look at the inside back cover page of the Journal. It's for everybody.

Join the Booster Club. Tell your friends about the American Poultry Journal.

What do you think of our two-color section in this issue?

Koehlinger's Columbian Wyandottes

The best winter layers, and I challenge the world to produce a more beautiful bird. Now is your chance to secure show birds or selected breeders. Write me your wants. Satisfaction guaranteed.

Philip Koehlinger Life Member A. P. A. Sec-Treas. Col. Wy. Breeders Assn. 1414 E. Grant Ave., Ft. Wayne, Ind.

WHITE ORPINGTONS

Hagerstown Winners We won every first we competed for, 1st, 2d and 3d cockerel; 1st and 3d pullet; 1st pen. No cocks or hens shown. This remarkable winning at a show of 7,000 birds like Hagerstown stamps our birds as real champions. We now own "Champion of England," the great sensational cockerel that won first and grand challenge trophy of England of \$250 cash prize for best bird in the show; also own the sensational pullets of Crystal Palace, 1910. Only the best good enough for us. 100 grand cockerels, show and breeding birds at special low prices. Trios and pens mated by us for best results. We will please you. Write us today.

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Burhans' Pure Bred Prize Winning Fowls

MY SPECIALTIES;

All Breeds Plymouth Rocks All the Orpingtons
All Varieties Wyandottes All the R. I. Reds

I breed all varieties of birds as above and breed them in their highest excellence. The newer varieties, such as Silver Pencilled Plymouth Rocks, Partridge Rocks, Columbian Rocks, Columbian 'Dottes, are here in my yards in all their gorgeousness. I have one thousand head to offer to the trade, all bred from my choicest pedigree matings and direct from the yards of the originators and winners at Chicago, Boston, New York, Buffalo, and the big state shows. My big annual poultry book filled with practical matter and full of the secrets of success for two red stamps.

Also breed Cornish, Buckeyes, Pit Games and Bantams. My yards are the most complete in the northwest. I make a specialty of breeding trios at ten and fifteen dollars. Every bird banded with my name on sealed band to insure quality. I bear in mind that you want something better than you have. Let me know what you want.

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Hanchett strain cocks, cockerels, hens and pullets. Buff Orpington cockerels for sale. W. T. Garner & Sons, Maple Lawn Stock Farm, Crossville, Illinois.



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A few cockerels for sale from a trio that scored 94½, 95, 95½, and the only birds I had to breed from. Winners at Detroit, Michigan and Toledo, Ohio. HENRY WITT, Kendallville, Indiana

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WHITE

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Barred Rocks

I breed Rocks that have that bright, snappy color and even barring that is hard to get. I can supply you with exhibition birds or breeders to improve your flock. Both chl. and pullet line. Eggs from choice matings.

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Won at West Virginia State Fair, 1910. 1st cock, 1st and 2d cockerel, 1st hen, 1st and 2nd pullet.

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At your dealer or write us. Whitewash your poultry houses and stables rapidly. Kills lice, sprays trees, washes wagons and windows. No. 28, galvan. steel double cylinder pump, continuous spray, 25 feet high, brass top, brass bottom, brass nozzle, brass extension rod, ball valves, heavy hose. All for \$2.50. Cash with order. Sent to any address, express prepaid. Also orchard sprayers and many other styles. Write for free catalogue and agency proposition. D. B. Smith & Co., 64 Genesee Street, Utica, N. Y.

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Poultry Show Dates, 1910-11

See November Issue For Complete List

- Dec. 1-3—De Soto, Mo. J. C. Johnston, judge; W. W. Cook, secretary.
 Dec. 5-10—Kewanee, Ill. Warnock, judge; Louis M. Fisher, secretary.
 Dec. 6-8—Bangor, Me. Barlett Coffin and Campbell, judges; L. A. Clark, secretary.
 Dec. 6-9—Medina, Ohio. J. E. Gault, judge; S. H. Ross, secretary.
 Dec. 6-9—Winfield, Ia. Russell Canby, secretary.
 Dec. 7-10—Edina, Ohio. C. H. Mulinex, secretary.
 Dec. 7-10—Mill Shoals, Ill. T. M. Campbell, judge; H. L. Files, secretary.
 Dec. 12-17—Youngstown, Ohio. Gault & Wolsieffer, judges; Jno. L. Simminton, sec'y.
 Dec. 13-16—Donnellson, Ia. P. M. Cooley, judge; H. G. Kirchner, secretary.
 Dec. 14-17—El Dorado, Kan. W. A. Lamb, judge; R. E. Earp, secretary.
 Dec. 15-17—Waynesboro, N. C. J. F. Marshall, judge; B. M. Covington, secretary.
 Dec. 15-18—New Orleans, La. Arthur W. Van Pelt, secretary.
 Dec. 17-20—Wellington, Ohio. Chas. McClave, judge; Wm. C. Foote, secretary.
 Dec. 19-24—Belvidere, Ill. H. P. Schwab, judge; S. U. Teeple, secretary.
 Dec. 22-28—Erie, Pa. H. P. Schwab, judge; L. B. Hindman, secretary.
 Dec. 26-31—Princeton, Ind. B. S. Myers, judge; Louis Wirth, secretary.
 Dec. 27-31—Grand Junction, Colo. C. H. Burgess, judge; W. J. Hendershot, secretary.
 Dec. 27-30—Walworth, Wis. A. B. Kaye, judge; W. W. Ripley, secretary.
 Dec. 28-30—Belle Center, Ohio. Thos. S. Falkner, judge; R. C. Graham, secretary.
 Jan. 2-7—Springfield, Ill. Hewes, Heimlich, Keeler, Pierce, Johnston, Kummer, Hare & Joos, judges; O. L. McCord, secretary.
 Jan. 2-5—Manchester, N. H. May, Coffin & Watson, judges; O. S. Conery, secretary.
 Jan. 3-6—Galion, Ohio. C. F. Eise, secretary.
 Jan. 3-7—Berne, Ind. Samuel Simison, secretary.
 Jan. 3-8—So. Tacoma, Wash. Miller Purvis, judge; Frank L. White, secretary.
 Jan. 4-6—So. Paris, Me. E. P. Crockett, secretary.
 Jan. 9-14—Coifax, Wash. H. H. Collier, judge; E. H. Rosenkranz, secretary.
 Jan. 9-14—Elgin, Ill. M. E. Meredith, secretary.
 Jan. 9-14—Waterloo, Ia. Russell & Hale, judges; C. J. Schneck, secretary.
 Jan. 10-12—Antrim, N. H. F. W. Eldridge, secretary.
 Jan. 10-13—Sioux City, Ia. Ellison & Elliott, judges; W. S. Snyder, secretary.
 Jan. 10-13—Butte, Mont. C. A. Greenfield, judge; Jos. Russell, secretary.
 Jan. 10-14—Marysville, Ohio. F. C. Runnels, secretary.
 Jan. 11-15—Three Rivers, Mich. H. H. Coburn, judge; E. E. Gihbart, secretary.
 Jan. 16-20—Platteville, Wis. H. Pargman, secretary.
 Jan. 16-21—Osborn, Ohio. B. F. Hewitt, secretary.
 Jan. 16-22—Piqua, Ohio. C. D. Struble, judge; Sherman D. Syler, secretary.
 Jan. 16-21—Dayton, Ohio. Thos. Falkner, judge; B. F. Hewitt, secretary.
 Jan. 16-21—Galesburg, Ill. W. C. Pierce, judge; F. W. Bohe, secretary.
 Jan. 16-21—Columbus, Ohio. Pierce, Keller, McCracken & Gault, judges; Wm. E. Hague, secretary.
 Jan. 16-21—Mt. Vernon, Ohio. I. K. Felch, judge; Omar Stephens, secretary.
 Jan. 17-20—New London, Ohio. M. M. Banger, judge; B. F. Harrison, secretary.
 Jan. 17-21—Mendota, Ill. O. L. McCord, judge; Edw. Brown, secretary.
 Jan. 17-21—DeKalb, Ill. F. W. Shellabarger, judge; W. W. Hyde, secretary.
 Jan. 18-21—Ridgway, Pa. R. J. Rauscher, secretary.
 Jan. 19-25—Louisville, Ky. Lane & Ewald, judges; Chas. A. Hess, secretary.
 Jan. 24-27—Pemberville, Ohio. J. E. Gault, judge; H. G. Gowlus, secretary.
 Jan. 23-28—Champaign-Urbana, Ill. O. L. McCord, judge; M. J. Fluck, secretary.
 Jan. 30-Feb. 4—Auburn, N. Y. Schwab, Webb, Townsend, Andruss & Seigfried, judges; Alban Linnenbach, secretary.
 Feb. 6-11—Alliance, Ohio. H. C. Stratton, secretary.
 Feb. 4-18—Anderson, Ind. D. T. Heimlich, judge; N. M. McCullough, secretary.

CARE OF THE FLOCK.

A QUESTION frequently put to me at this season of the year is: "Why is it that your hens are laying when I am not able to secure any eggs from my flock?"

There's a reason in most cases and the questions I generally ask are: "What care are you giving your flock? What are you feeding them now, and have they good winter quarters, free from draughts, thereby escaping colds?"

In most cases the reason is apparent why no eggs are forthcoming. The first thing to investigate, then, is the condition of the hen house, its location such that the sun shines through the windows part of the day at least, how about ventilation without draughts coming on the fowls, all of which is essential to the well being of the flock if eggs are to be secured. Again, are the fowls overcrowded, which is an essential point and one which must be reckoned with accordingly. The amateur should remember that a small number of choice fowls well cared for will repay amply better than a large flock which is neglected. What is worth doing at all is worth doing well. The next thing to be considered is the feed. A warm mash is excellent for the morning meal, consisting of corn meal, ground oats, bran, with table scraps. This might be fed to advantage at noon as well, and in the morning give cracked corn and make them hunt for it by scattering it about in the leaves that you have gathered in during the

ideal Indian summer weather; also warm the corn a little, both morning and again at night, just enough to take the chill off, and the results will be soon forthcoming.

But this is not all. How about the drinking water? It should be given twice a day, clear, fresh water that is made warm during the winter months, as it soon cools in the drinking trough. Place it where no litter can get into it, that it may be kept pure, and notice how the poultry drink. At night I would feed them a mixture of grain consisting of wheat, which is excellent for laying fowls, buckwheat and corn, which is fattening and wholesome. This also can be scattered among the leaves, which will keep the flock at work until night.

Keep the fowls also supplied with vegetables. Have a cabbage hung up by the roots where the fowls will have to jump for it for exercise, and keep the hens off from the roost during the day, and keep them busy, as exercise is vitally important to the laying hen or pullet. Grit, charcoal, ashes should be kept before them at all times; also remember there must be a substitute for bugs and worms which poultry pick up during the summer months, therefore feed them crushed bone occasionally. Then keep account of the cost of feed and the number of eggs you receive and you will notice that your flock has amply repaid you for all the trouble and labor you put upon them and getting a little fresh air and exercise yourself. Try it and see if there is not both pleasure and profit in poultry culture. Rev. Louis A. Pearson.

Mr. J. P. Gisleson, Red Bank, N. J., is one of our new advertisers whose ad appears in this issue. Mr. Gisleson is making a specialty of breeding high quality Col. Wyandottes, which his winning at Hagerstown, 1910, will prove. On four entries he won first cock, second hen, third pullet. At Trenton State Fair he won first cock, second hen, first, second cockerel, second, third pullet, third pen. The silver cup for best display of Wyandottes, all varieties competing, was also won by Mr. Gisleson. He has a long line of prizes to his credit for the short time he has been showing, which include specials, club ribbons for best shape and color and many other prizes too numerous to mention. You will find his ad elsewhere in this issue.

Mr. A. Schroeder, Red Bank, N. J., is not the largest breeder of Barred Rocks in the country, but he is a breeder of quality. Having won five blues three times in succession at Orange and Red Bank shows. Also won at the Hagerstown and Poughkeepsie and many other shows. Having won in all some ten silver cups, many gold specials and other prizes. He has both cockerel and pullet lines and is prepared to supply your wants if you are looking for quality. You will find his ad elsewhere in this issue.

In another part of this issue will be found four illustrations of noted Barred Plymouth Rocks, namely: Teddy I, Teddy II, Teddy III and Teddy V, winners of first, three seconds and third prizes at Chicago show; also winners of special prizes given by the Barred Plymouth Rock Club of America. The best colored cockerels ever produced. These birds were bred and exhibited by Truckenbrod Bros., Mendota, Ill.

In our November issue an error was made in the advertisement of S. R. Harrison, Shelby, Ohio. In the ad the claim was made that his White Plymouth Rocks, in competition, scored to 94½. This should have read 96½. Mr. Harrison has produced some of the very highest scoring birds in the country and is certainly entitled to have his records published correctly. Write him for what you want and mention American Poultry Journal.

Matt Bradley, Tioga, Kan., starts a yearly ad with us this month. Mr. Bradley comes to us very highly recommended. He breeds Crystal White Orpingtons exclusively, and has some very high class stock in his yards. His No. 1 pen is headed by the first prize cockerel at the late Texas State Fair. If you want eggs that will hatch prize-winners, write him and mention American Poultry Journal.

Sweet Hill Poultry Yards, E. B. Sweet, proprietor, East Holden, Me., reports a fine lot of breeding males in Barred Plymouth Rocks and Imperial Pekin ducks. He secured his foundation stock of Barred Plymouth Rocks direct from A. C. Hawkins and has been working his strain up until he feels confident to advertise it. His Pekin Duck stock came direct from Rankin and cannot be surpassed. His ad can be found elsewhere in this issue.

Conner's Automatic Feeder and Exerciser is an invention which will save the cost of itself many times over every year in the grain which it saves, which would ordinarily be eaten by sparrows, rats and mice. Besides this feeder will feed your chickens for you when you are not at home, and they get a little feed at a time, always having to exercise for it. Their ad appears on our two colored section in this issue.

We wish to call your attention to the ad of J. G. Budde & Co., Oak Park, Ill., which appears in our two colored section in this issue. We call this good advertising. Perhaps it will give you some idea for getting up your own copy another month, even if you are not interested in R. I. Reds. If you are you will surely want to read it.

A. B. C. Poultry Yards, Hettick, Ill., breeders of White Orpingtons, are offering some bargains in early hatched cockerels; also in pairs, trios and pens. They guarantee satisfaction. Write today and mention American Poultry Journal.

Maple-Dell Poultry, F. Gage Cutter, prop., Carthage, Ill., have just issued their fall sale catalogue. Better send for one today. There are some bargains in it for you.

Frank Schellang, Prop., R. F. D. 2, Erie, Pa., is a breeder of S. C. Brown Leghorns

exclusively, and has been winning at some of the largest shows in the country since 1903. Not only has he produced winners for himself, but also many winners have been hatched by his customers from eggs purchased from him, and when a breeder has quality in Brown Leghorns, to win in such shows as Cleveland and Toledo, Chicago, Pittsburg, Erie, Detroit and many

others too numerous to mention, not only one year, but year after year, he certainly is a breeder of quality. Mr. Schellang has not won a few minor prizes in these shows, but many special prizes and silver cups, which further stamps his birds among the best. He has a fine lot of stock for sale at this time, and you will do well to look up his ad elsewhere in this issue.

BRED TO LAY, BARRED PLYMOUTH ROCKS

Large and prolific laying strain. 250 hens averaged 219 eggs in 1 year. Bred for eggs, size and perfection for 16 years. 500 extra fine cockerels bred from my best layers and 200 pullets for sale. Circular free.

WM. J. DAVIS

R. R. 1, EATON, INDIANA

SPROUTED OATS, WINTER EGGS

Sprouted oats is conceded the greatest egg food known. Experiment stations and winter egg producers all recommend it. The trouble always has been to have the grain easily and quickly sprouted. This is now perfectly accomplished, Winter or Summer, by the **Double Quick Grain Sprouter**. Sprouted in 24 hours and four to five inches in four to five days. A nice piece of furniture and may be used in the kitchen, cellar, hen house, feed house or any kind of shelter. Makes two to three bushels of feed from one of grain, the cheap feed secret often advertised for \$1. Will quickly pay for itself in the increased egg yield and the increased feed it grows. Five minutes or less time each day. The most useful invention in years for the poultryman. Sizes from 50 to 500 hens.

Close-To-Nature Company : 38 Front Street : Colfax, Iowa

GOLDEN ROD STRAIN Single Comb Buff Leghorns

Choice females and males from this year's breeding yards at reasonable prices. Only a few choice pullets and cockerels left. The demand has been the greatest in our experience as breeders. Write before too late.

H. Cregar and Sons, 7329 Jackson Blvd., Forest Park, Ill.

WHITE ROCKS AND WHITE WYANDOTTES

Winners at two of the South's greatest shows. Winners of the **gold engraved leg bands**, Nashville, Tenn., September, 1910, **eight firsts**. Memphis, Tenn., September-October, 1910, **ten firsts, thirty ribbons on thirty birds**. First Madison Square Garden cockerel was bred by us three consecutive years, 1908-9-10. Also the first Boston cockerel and color special and \$100 challenge cup for **champion male**. Just a few of our winnings to show you we have the stock. You have read an honest advertisement of honest breeders (who try to give satisfaction), but not all we could truthfully tell you. You must be interested and want to know more. Just a two-cent stamp will bring you any information you desire to know about our stock. **Remember we are breeders.** Just give us a trial. Our motto is, "Promptness, Fidelity, Quality and Satisfaction." Write today, mentioning American Poultry Journal.

Rockandotte Farm : W. R. Graves : Mrs. S. H. Graves : R. 3, Southboro, Massachusetts

COCKERELS — COCKERELS

1,000 Head Early, Vigorous Birds

White Wyandottes
Single Comb Rhode Island Reds
Rose Comb Rhode Island Reds
Barred Plymouth Rocks
Buff Plymouth Rocks

Single Comb Buff Orpingtons
Single Comb White Orpingtons
White Plymouth Rocks
Single Comb White Leghorns
Single Comb Brown Leghorns

We can furnish you an exhibition cockerel for any show. A breeder fit to head any pen, a utility cockerel that comes from a strain of known layers. We are offering this stock at about one-third regular prices for this month only. Score card furnished if requested. Every bird sent subject to approval. Write us your wants. We can and will please you.

Goshen Poultry Yards :: Goshen, Indiana

CYPHERS MAMMOTH INCUBATORS.

Compartment Hot-Water Hatching Machines That Hold 4,000 to 60,000 Hen Eggs At One Filling.

On this page is shown an 18,000 hen-egg capacity Cyphers Mammoth Incubator—a hot-water compartment hatcher built in double rows, two tiers high and heated by one hard coal boiler.

Cyphers Incubator Company, Buffalo, N. Y., has installed these big incubators on large practical poultry plants from Massachusetts and Long Island, N. Y., on the east, to California and British Columbia on the west.

This company has been favored with several repeat orders for Mammoth incubators from customers who first tried a Cyphers mammoth during one, two or three seasons, then bought again. (See sample cases of this kind in advertisement on another page of this issue of American Poultry Journal.)

Custom hatching and the day-old chick business are here to stay and no doubt the same is true of Mammoth Incubators. The Cyphers Company began its experiments in the construction of Mammoth Incubators

cially. Orpingtons now seem second nature to me, for I have been breeding, showing, exporting and judging them for the past twelve years. My record in the show room has few if any equals, having won the coveted prizes at six consecutive Chicago shows, as well as elsewhere. My customers' winning alone with 'Byers Strain Orpingtons' would fill the American Poultry Journal. My services as judge of Orpington at the largest shows of the country are in constant demand, but my business on the plant will not permit of my absence more than a few weeks in the year. I wish to add that there are few, if any, vocations so attractive, pleasant or remunerative to the fellow who works with untiring energy and sincerity of purpose, than the breeding of domestic fancy fowl. The indispensable prerequisites for a successful career as a poultry fancier are untiring energy, the use of practical common sense, and the strict adherence to the principle of a 'square deal.'

The evolution of manufacturing industries has resulted, among other things, in there being a special product for every special purpose. And the manufacturer who has been able to make his product in different kinds for the different purposes

either of these varieties that you write Mr. Fox, as he informs us he has a fine flock of birds coming on, that are superior to any he has produced heretofore, and his birds have won in many a hot class the past several years. He particularly mentions a fine bunch of silver cockerels which are now ready for the show room. In Golden he has some 12 fine cock birds. We are satisfied that Mr. Fox has the quality, and will please you in any order that you may entrust to his care. His address is to be found in each issue of A. P. J.

The Co-Operative Breeding and Hatching Co., of Tiro, Ohio, have their new baby chick book off the press and are ready to supply the thousands of eager poultry raisers that desire information on the newest and most wonderful phase of the poultry industry, the shipping of little chicks thousands of miles before they are fed. This industry is surely revolutionizing the poultry business, as this company is able to hatch and deliver thousands of chicks from sixteen varieties each week. Our representative noted the quality of their different varieties of Orpingtons and Wyandottes at the Ohio State Fair, where they were heavy winners, and found them to be birds of exceptional merit. Their book



18,000 Hen Egg Capacity Cyphers Mammoth Incubator.—Photographic view of one of the large number of "Big Hatching Machines" built and installed during the last two years by Cyphers Incubator Company, Buffalo, N. Y.

twelve years ago. During the last seven years these experiments have been carried on every season without interruption on the Cyphers Company's \$40,000.00 commercial and demonstration poultry farm, Buffalo, N. Y., and with very satisfactory results.

Cyphers Incubator Company has just issued a well-printed, 20-page two-color circular that illustrates and fully describes the two types of Mammoth Incubators manufactured by them, one for hatching hen eggs, the other for duck eggs. A copy of this circular will be sent free to any reader of A. P. J. who will write for it. Address Cyphers Incubator Company, Buffalo, N. Y., and please mention this journal.

During a conversation with Mr. Carl S. Byers, Hazelrigg, Ind., he said: "I commenced the fancy poultry business with only a few dollars when a boy on the farm. My father was a breeder of fancy cattle and horses and it was quite natural, being interested in fancy stock, that I chose to be a poultry fancier. Admiring the majestic Orpington (which was at that time a new breed) I unhesitatingly decided to make Buff, Black and White Orpingtons my spe-

cially. A very good example of this is afforded in the case of F. W. Bird & Son, who make different roofings for the different types of buildings and waterproof building papers for every purpose. In the early stages and in fact at present in the case of most ready roofings the great obstacle in the way of success has been the impossibility of use for more than one class of building. No matter what the building, however, among the Neponset roofings will be found one that will just meet the purposes. These include Neponset Proslate for residences; Neponset Paroid for barns and industrial buildings, and Neponset Red Rope for smaller and more temporary structures. F. W. Bird & Son have been in the one business for one hundred and fifteen years, and were, indeed, the originators of the ready roofing idea and waterproof building papers.

Wm. J. Fox, R. F. D. 17, Cabot, Pa., is a specialist in breeding high class exhibition birds, in both Golden and Silver Wyandottes, and we suggest if you are in need of exhibition or breeding specimens in

gives a complete history of the chick business; also tells how to care for chicks and mature them, gives valuable feed formulas, tells how to sprout oats and a host of other information. Their ad will be found in this issue. Look for the stork. This company is incorporated under the Ohio state laws and its officers are men of high business qualifications and standing.

The Newtown Producing Co., at Newtown, Pa., have thousands of Single Comb White Leghorns that are marvelous egg machines, at the same time are show birds and go out and win, not only for them, but for their customers. They are offering the public a mammoth incubator that contains many simple, yet new features for this style incubator. All users of mammoth machines should have their catalogue.

G. A. Roberts, Warren, Ind., the old and well known breeder of Partridge Wyandottes, is advertising some choice stock for sale in this issue. See his list of winnings in his ad this month and write him for what you want. Mention American Poultry Journal.

Fresh cut bone, with adhering meat and gristle, contains a great quantity of protein. In fact, one ounce of such bone contains more protein than four ounces of grain. Protein is what makes eggs. In summer your hens get protein in the worms, bugs and insects. That's why you get so many eggs in summer. In winter you must feed protein—if you want the summer quantity of eggs. The best way to feed protein in winter is to feed fresh cut bone. Raw bone costs you practically nothing. Your butcher will supply you with fresh raw bone from the block. Cut this bone in one of the many bone cutters advertised in our columns. Take Mann's latest model bone cutter for example. There's a low priced machine that enables you to double your poultry profits. It is made of the finest materials and is built on the right principle. Thousands of progressive poultrymen are using this machine with most profitable results and there is good reason why you should use it. Send your name to the F. W. Mann Co., Box 56, Milford, Mass., and they will tell you about their liberal plan to let you try the machine ten days free, without a penny in advance and without a cent of deposit. Return the machine at their expense if unsatisfactory. If you will write them a postal they will also send you their interesting booklet, "Worms, Bugs and Your Poultry Profits"—and their large catalog of bone cutters, etc.

At two recent shows, Poughkeepsie, N. Y., September, 1910, and Brockton, Mass., October, 1910, Messrs. Grannis Brothers, of LaGrangeville, Dutchess Co., N. Y., had exhibits of Orpingtons, and won at the two



A prize-winning Barred Plymouth Rock. Property of H. Burkholder, Clyde, Ohio.

shows a total of 56 prizes. At Poughkeepsie, their winnings were as follows: White Orpingtons, 1st, 2d cock; 2d hen; 1st, 2d cockerel; 1st, 2d pullet; 1st, 2d pen. Buff Orpingtons, 1st, 2d cock; 1st, 2d hen; 1st, 2d cockerel; 1st, 2d pen. Black Orpingtons, 2d cock; 1st, 2d hen; 2d cockerel, 2d pullet, 2d pen; a total of 25 prizes out of a possible 30. At Brockton, White Orpingtons, 2d, 3d cock; 1st, 2d hen; 1st, 2d, 4th cockerel; 2d, 3d, 4th pullet; special for best display in White Orpington class; special for best shaped White Orpington male; special for best shaped White Orpington female. Buff Orpingtons, 4th cock; 3d hen; 3d, 5th pen; special for best shaped Buff Orpington female. Black Orpingtons, 1st, 2d cock; 1st, 2d, 3d hen; 2d cockerel; 1st, 2d pen; special for best display in Black Orpington class; special for best shaped Black Orpington female. To top off the list of prizes they won the grand special for best display of Orpingtons, all classes, a total of 31 prizes. Having just installed a Hall Mammoth Incubator, Messrs. Grannis Bros. will be perfectly equipped, the coming season, to furnish healthy, sturdy day-old chicks from their superb stock. Send them your name and receive their egg and day-old chick circular, to be issued soon. Address Grannis Bros., LaGrangeville, Dutchess Co., N. Y.

Simmons Bros., Stockton, Ill., breeders of Golden Wyandottes, have just issued a special sale list in which they are offering some exceptional bargains. Better send for this list today and secure one or more of these bargains.

UTILITY, BREEDING OR SHOW BIRDS

No matter which, we can please you in **quality and price**. Winners at Williamsport, Pa.; Rochester, N. Y., and Elmira, N. Y. Barred Plymouth Rocks and S. O. Buff Leghorns.

GAGE & HUSTON : **BOX X** : **WILLIAMSPORT, PENNSYLVANIA**

RHODE ISLAND REDS

Greatest prize winning strain. Send for prices and particulars.

LESTER TOMPKINS

CONCORD, MASS.

MICA AXLE GREASE

The Grease that
Stays On—
Never rubs off or gums

Mica Axle Grease forms an almost permanent coating of mica on the spindle and axle box. It is the ideal wagon lubricant. Sold by dealers everywhere, or write to the nearest agency of the

Standard Oil Company
(Incorporated)



I Have a Message for You

Lovers of poultry, fanciers, chicken raising friends of mine, wherever you are, I want you to send for my free book. I have been a poultry man myself so long, and have spent so many days and nights working out the best way to hatch and raise chickens that I feel I must tell you my story.

Friends, you will be interested in the record of success as I have written it in the latest Queen Incubator catalog. Over 61,000 people operating Queen Incubators when the catalog was printed. The number is greatly increased now. They are the most prosperous and the most enthusiastic army of poultry raisers in the world. You want to know these people.

The Queen for 1911 is a better machine than ever. The improvements are on things that count. Easier to operate by people who don't know how. Surer, takes less oil, saves the heat better—everything that goes to make better hatches at less cost. It makes the poultry business a *real* business.

My friends, I can't tell the whole story here. It takes a good big book to hold it, and that book is yours for the asking. Write me; I'll get it off to you by return mail. Use the coupon or send a postal. Address

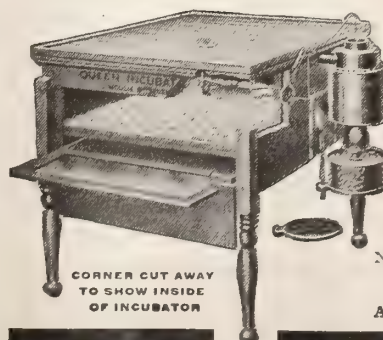
WICKSTRUM, QUEEN INCUBATOR MAN

Box 4, Lincoln, Neb.

WICKSTRUM, Queen Incubator Man

Box 4, Lincoln, Neb.

Please mail me the Queen Incubator Book.



CORNER CUT AWAY
TO SHOW INSIDE
OF INCUBATOR

Name

Address

There is no need to tell you how necessary green feed is to the greatest egg production in winter. All summer the hens have free run of the yard and eat much of succulent roots and vegetables. In the winter they want such food, but do not get it. So the number of eggs you get in winter is far less than in summer. Feed cut roots and vegetables to your hens in winter and watch your poultry profits increase. A small patch planted to beets, turnips, carrots or other roots is one of the best investments a poultryman can make. Grain in the morning, shredded roots mixed with corn meal or middlings at noon, and cooked food, not hot, at night—is a good ration that will keep the flock in a healthy condition during the winter months and keep the egg supply at the summer average. The Banner Root Cutter, made by O. E. Thompson & Sons, Ypsilanti, Mich., is just the machine that cuts fast and in worm-like strips, which prevent choking. Has adjustable knives of tempered steel and is self-feeding. It is thoroughly well made—yet low priced. We suggest that you write to the above company for their new folders. Send them a postal card, mentioning this paper and requesting "Banner Root Cutter Free Folders."

The process of manufacture of some of our most useful and important articles of every-day life and work, makes a most interesting story, largely because we grow accustomed to the use and reliance upon that article without giving a thought to the painstaking, careful performance of a multitude of little details in its making, but each one of which is necessary to the reliability, permanency and accuracy of the instrument. For illustration, if we could go through the factory where the famous "Tycos" Incubator Thermometer is made, and could see the operators at work, in one process after another, from the selection of the glass to the final shipping of the finished, guaranteed instrument, including filling of the tube, "pointing," graduating the scale, testing, etc., many of us who incubate poultry would have an increased respect for this little "heart of the thermometer" upon whose truthfulness the success of our hatch depends. After the little tube has been filled with mercury, sealed and laid away to "season," so that it may become permanently accurate; after it is taken out of its many, many months of "ageing" in the big vaults, and the scale has been fitted and it has been assembled for packing and shipping; after being tested through all these processes of actual manufacture to make sure of accuracy, it would seem that it might be a perfectly safe instrument to intrust one's eggs to, but even there the manufacturers of "Tycos" Thermometers will not allow their instruments to go out upon the market without one final test to determine if each and every thermometer for incubator use will perform exactly as it should when put to actual incubation use.

To make the final test, the Taylor Instrument Companies have made at great expense an air-tight, electrical testing apparatus, capable of maintaining an even temperature for an indefinite period of time.

It is arranged with a double deck for holding a quantity of "Tycos" Incubator Thermometers, and is fitted with glass doors

and windows, for the careful observation of all stages of the test, as any draft of outside air would disturb the temperature of the inside chamber. A standard "Tycos" Thermometer is located in the chamber, and as the heat of the chamber increases, this instrument is closely watched until the temperature is shown to be 105° Fahrenheit; or HIGH incubating temperature.

The temperature is held at this degree for a short period while the registration of the thermometers to be tested is observed, after which it is reduced to 103° Fahrenheit, or correct incubation temperature. This is continued until all the thermometers in the case have had ample time to register and demonstrate their accuracy under actual incubating conditions. This testing machine is in line with the policy of the TAYLOR INSTRUMENT COMPANIES, that their instruments must show efficiency under actual working conditions. An interesting booklet on the making of "TYCOS" Thermometers for incubators, "TYCOS" Incubator Thermometer Facts Worth Knowing," may be had from the TAYLOR INSTRUMENT COMPANIES, Rochester, N. Y., upon request.

Away back in 1894 a new and strong champion of White Wyandottes came to the front and in 1896-97 winning at Boston, while in 1898 won three firsts, including first pen. This was Arthur G. Duston, now of South Framingham, Mass., formerly of Marlboro, Mass. It is recognized by all that Mr. Duston has done more for the advancement of the White Wyandotte than any other man. Showing to the world the wonderful laying and market qualities as well as their possibilities of being the peer of all breeds as regards beauty. For many years the two names, the breed and breeder, has been almost synonymous. Probably no man in the world has sold and shown as many winners in hot competition as has Mr. Duston. Last year, owing to a physical injury, he did not show at New York, but his winnings for three years back of that is a wonderful record. Twice winning first display and the other time second display. In considering this, one must remember that the whole country and Canada is scoured for winners to go to Madison Square. We understand he has something up his sleeve this year that pleases him. That all his mating proved far superior to any he ever had. His sales on winners this year began in August and took the cream wherever shown. The low, blocky type of the Duston Wyandotte is always recognized. Mr. Duston writes he can furnish winners for any show in the world, Madison Square not excepted. He has several hundred birds to dispose of and it is our advice that you write for his prices and catalog, which he sends out for a dime. It will repay you.

Observant readers of recent advertising have doubtless noticed the many claims put forward by certain advertisers of new systems for poultry culture which pay enormous profits.

There is no disposition on the part of any one to dispute these claims. In fact, it is only reasonable to suppose that the steady onward march of wider knowledge regarding poultry culture, as of other things, is bearing its logical fruit in larger results.

But one fact must not be lost sight of. New systems—valuable as they undoubtedly are—do not, necessarily, contain the sum and substance of all poultry knowledge; nor is success entirely dependent on close observance of their teaching. Old ways have brought good profit to hosts of veterans in the poultry business; and it's a safe prediction that they will continue to do so. Old ways are the crystallization of well proven practice and are never based on theory alone.

Take that now popular idea of feeding, originated and practiced by Dr. Hess—the giving of a tonic in the soft feed. It has done more to make a nation-wide business of poultry culture than any other one thing. Actual statistics are, of course, not available; but it is within the bounds of probability that egg production in the United States has increased 50 per cent since Dr. Hess Poultry Pan-a-ce-a was placed on the market.

Those seeking the reason back of this statement have but to remember that this preparation, by increasing digestion and assimilation, increases the amount of food devoted to egg production.

Once that fact is thoroughly understood, it is a simple matter, indeed, to understand why Dr. Hess Poultry Pan-a-ce-a has built up the poultry business.

Just as a mill, run at high speed and forced with grain, turns out more grist, so the hen, getting all the meal and meat and grain she will eat—and digest—turns out more eggs. Simple, isn't it? and just as reasonable as anything can be.

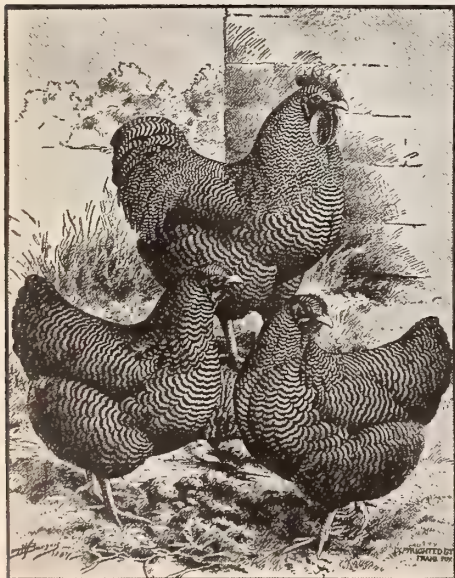
Dr. Hess Poultry Pan-a-ce-a is said, too, to prevent poultry disease. This seems a reasonable claim, because anything tending to build up bodily vigor, as Pan-a-ce-a does, fortifies against disease to just that extent.

So, taking all the testimony at hand for what it's evidently worth, it seems a fact beyond dispute that Dr. Hess Poultry Pan-a-ce-a is a very good thing for the poultry man, either novice or breeder of long experience, to tie to if he is really out after the best results.

We call attention to the advertisement of C. M. Reynolds, of Fullerton, Neb., in this issue. Mr. Reynolds purchased some of the best stock and eggs in the United States when starting his flock of White Plymouth Rocks and now has some of the finest birds as well as one of the finest equipped poultry farms in the west. He owns a cock bird that took first prize at Cleveland in 1908 and also first at Ohio State Fair in 1909. He ships everything on approval, and guarantees to please. Write for his catalogue and mention American Poultry Journal.

G. F. Stewart, Coshocton, Ohio, starts a yearly ad with us this month. Mr. Stewart comes to us very highly recommended as a breeder of Silver Wyandottes. In 1910 he made a grand record in the show room. Look up his ad and write him for what you want and mention American Poultry Journal.

Have you seen a copy of the new Mandy Lee incubator and brooder catalogue? If not you should send for one at once. It is chock full of things you ought to know. Send for one to Geo. H. Lee Co., Omaha, Neb.



Money in Poultry and Squabs

Is the title of my new 100-page thoroughly revised and illustrated book which tells how to make it; also how to feed, breed, grow and market your poultry for best results. Plans for houses, diseases and cures. This book probably gives more reliable information about the poultry business drawn from actual experience than any book of the kind published. It tells you how to start raising poultry in a small way and grow big. It contains many illustrations, tells all about raising poultry for profit, feeding for eggs, broiler raising, artificial incubation and contains many valuable and interesting articles. Illustrates and describes the largest pure-bred poultry farm in the country. It also describes and illustrates all leading varieties of pure-bred fowls, and the Frank Foy incubators and brooders, and quotes extremely low prices on fowls, eggs, incubators and brooders. Mailed to any address for 4c in stamps.

ADDRESS

Frank Foy, Box B, Des Moines, Iowa

EXHIBITION BARRED ROCKS.

Wm. H. Hoover, Polo, Ill., who breeds Barred Rocks exclusively, has produced a large number of excellent specimens from his last season's matings. An experienced poultryman recently visited Mr. Hoover's place and has the following to say: "That like produces like, even in exhibition Barred Rocks, was amply proved to us on the occasion of our visit to the Barred Rock farm of Wm. H. Hoover, Polo, Ill., October 20. We found here scores of young birds rounding up into show shape and of the type and quality that will win at almost any show. And remember that these youngsters are sired by such males as Bismark, winner of first as cock at both Rockford and Polo in 1909; Little Boy Blue, winner of first cockerel at Polo, 1909 (and he in turn sired by Bismark); Blue Bird, winner of first cockerel at Oregon (also sired by Bismark) Victor, winner of first cockerel at Polo, Rockford and Delavan, 1910 (another son of Bismark); True Blue, first cock at Polo, 1910, etc.

"Mr. Hoover is to be congratulated on the success of his matings this season in producing so large a per cent of show type youngsters both in cockerels and pullets and in being able to offer to our readers such an excellent line of both exhibition and breeding birds."

Oak Hill Farm, J. A. Haskell, proprietor; I. M. Elston, manager, Red Bank, N. J., is located two and one-half miles from Red

Bank in a pretty rolling country. The farm consists of 386 acres, is handsomely laid out with winding drives and has many large farm buildings, all built of the best material, and the poultry department is equally well equipped, no expense being spared to make it complete in every detail. The breeding and laying houses, brooder house and incubator cellar, with large feed room, are all equipped with the most modern improvements, including a gas engine for the grinding of feed and bone. The main breeder house is 14x170 feet; besides this there are 18 colony houses and 16 brooder coops for young stock, and are used to house and rear the birds at Oak Hill Farm, Columbia and White Wyandottes, White Rocks and S. C. R. I. Reds. Mr. I. M. Elston took charge of the poultry department some two years ago and has been carefully culling and mating the birds since that time, setting his aim very high for exhibition quality, and that he has succeeded is proven by the following show records: In 1909 they won 8 silver cups, 3 gold specials, a large number of club ribbons and other special prizes. In 1910 they won 10 silver cups, 3 gold specials, club ribbons and other special prizes, including silver vase for best bird in American class at Monmouth County Fair. Many of these prizes were won in keen competition at such shows as Hagerstown, Red Bank, Trenton, etc., some being won for best bird in the class, others for the whitest bird in the show and again others for the best bird in the entire show. They have also won over 200 regular prizes, so you

can readily see that they have a long string of prize winning specimens at Oak Hill. Each of the several breeds has shared about equally in these winnings. They were unfortunate in getting out the usual number of early birds, but have a large flock of late hatched youngsters coming on a little later. In order to make room for these young birds that they may be properly cared for and matured into breeding and exhibition specimens they are making a special offer on the birds used in their breeding pens this year, which include the birds which won many of the prizes above named. If in need of stock in any of these varieties you will do well to look up their ad, which appears elsewhere in this issue.

Edw. R. Cornish, Ann Arbor, Mich., the well-known breeder of Rhode Island Reds, informs us that owing to his other business he is compelled to part with all his splendid birds that many judges say cannot be duplicated at any price. Among these are all his prize winners at the leading shows in the country. He is prepared to dispose of these in pairs, trios or pens and at a price that will move them quickly. Write him for further information and mention American Poultry Journal.

Goose Lake Poultry Farm, Morris, Ill., breeders of Barred Rocks, Rhode Island Reds and Buff Turkeys, have a large two-colored ad in this issue. Better look it up and write them for catalogue, which gives prices and other information about their stock.

Make Your Hens Lay

When Eggs Are Worth Most

HENS relish juicy bugs and worms because these supply the protein feed they require to make eggs. The craving for meat and bone food—protein feed—is simply nature working out the egg-laying proclivity. Hens **must** have food rich in protein or egg-making elements, or it will be impossible for them to lay.

Our little book tells you all about the how and why of this. It makes you master of egg-getting. It's a book that opens up to you the real possibilities with poultry.

It's simply a matter of knowing what food to supply and how to prepare it. It is now established beyond all doubt that raw, green bone, with adhering meat and gristle, cut fine, is the ideal egg-producing food. Its cost is a mere trifle and its preparation is easy with a

Mann's Latest Model Bone Cutter

Sold On 10 Days' Free Trial—No Money Down

It turns easily and rapidly, cutting green bone, with adhering meat and gristle, wasting nothing.

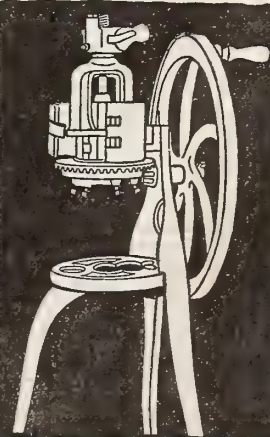
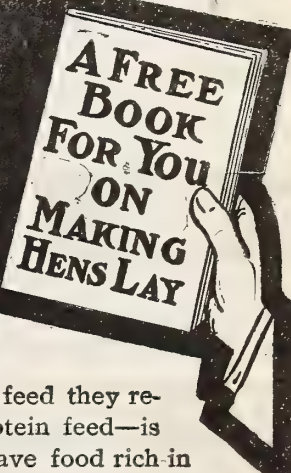
Its self-governing feed automatically adapts the cutting to your strength, so that anyone can use it.

Its open, hinged cylinder is easily cleaned, and it takes in large bones. It is strong, durable, and requires few repairs. We want you to try one.

We will send you a Mann's Latest Model Bone Cutter on 10 Days' Free Trial—no money down. If satisfied after the trial, buy it. If not, return it at our expense.

You want our good books, at any rate, send for them. We'll forward by return mail.

F. W. Mann Co., Box 56, Milford, Mass.



Cream Separator Buyers TAKE NOTICE

You know that the Babcock tester—used the world over for testing skimmed milk—contains neither disks nor other contraptions. Since the Babcock tester does not need inside contraptions, it is plain that a properly built cream separator does not need them.

Sharples Dairy Tubular Cream Separators



are the only separators free from disks and other contraptions. The only simple—the only properly built separators. The World's Best. Produce twice the skimming force of common separators, and proved by the Babcock tester to skim twice as clean. The saving Tubulars thus make you is clear profit you cannot get any other way.

Guaranteed forever. A free trial for the asking. Send no money to anyone. Pay no freight. Risk nothing. Tubulars are made in the world's biggest separator works by America's oldest separator concern. We made the first separators manufactured on this continent and have been at the business 30 years. Illustrated catalog No. 205 tells all about Tubulars. Write for it and ask for free trial.



30 yrs

THE SHARPLES SEPARATOR CO.

WEST CHESTER, PA.

Chicago, Ill., San Francisco, Cal., Portland, Ore.
Toronto, Can., Winnipeg, Can.

155 EGG INCUBATOR \$11.25 AND CHICK BROODER FREIGHT PREPAID (EAST OF THE ROCKIES)

The greatest offer ever made. You not only get the big features found on the high priced incubator, such as cold rolled copper tank, hot water heat, double disc regulator, deep nursery, high legs, double doors, Tycos thermometer, safety lamp, etc., but in addition you get an incubator made of cold and heat resisting material. This material forms hundreds of dead air cells which prevent any sudden drafts and used by us only.

The Brooder is also heated with hot water and every inch of the cover is heated alike. No one need pay the high prices asked by most makers, for in the Progressive you get everything necessary to make money out of poultry. Both sold on "buy-back guarantee." Order direct from this advertisement, or if you want to know more about the Progressive write for the "Progressive Method"—it's free. Write today, to

G. C. Wheeler, Mgr.
Progressive
Incubator Co.
Box 135 Racine, Wis.



FREE
The "Pro-
gressive
Method"
tells about Pro-
gressive Incubator

Banta

The incubator that hatches strong chicks—Gives hatching service longer than any Guaranty—Get our Free Books—a valuable fund of Poultry Information.

THE BANTA-BENDER CO.,
DEPT. C, LIGONIER, IND.

CALDWELL'S "BABY CHICKS OF QUALITY."

The name "Baby Chicks of Quality" is a synonym for the ideal of perfection as found in day old chicks. Mr. Caldwell is a specialist in White Plymouth Rocks and for the last few years as opportunity afforded has been improving by purchasing and producing his flock of pure Fishel strain White Plymouth Rocks from which he now supplies his chicks.

He is located not far from Lyndon, Ross Co., Ohio, on a beautiful little farm of forty-six acres naturally adapted to the rearing of high grade birds. There is no other variety on the farm or near by. This insures absolute purity of the chicks sent out.

Upon this farm during the past summer have been built a number of excellent buildings especially designed for the purpose of taking care of his chick trade, which has grown wonderfully. The start having been made a few years ago with one small sized machine. The principal building is the large three-story combination house. In this is located the basement, 66 ft. long by 18 ft. wide and 8 ft. high, which contains the large Cyphers Mammoth Incubator. The cellar is large enough to double the present capacity, which will be done before spring. The floor above the incubator cellar is entirely taken up by the brooder system, having a capacity of fifteen hundred chicks at one time. Here are started the chicks from which come the breeders to be used in producing the eggs for the chicks trade. If a customer wishes to hold back a shipment, or the weather is too bad to make a shipment, the chicks are easily and safely cared for in the well equipped plant. The third floor is occupied by the store room, containing supplies of all kinds, and the condition for preparing grown fowls for the show room. The large laying house is 20x100 feet, constructed on the Maine Station plan. Here is housed a large flock of select breeders, having free range of the pasture and woods and access to a fine never failing spring. In this addition there are some thirty colony houses, scattered over the field. In the orchard are eight breeding pens, each with an ample grassy run. The entire equipment has been carefully planned with the thought of producing the best chicks possible. Realizing that it is the small details that make success or failure of any undertaking, all of these are looked after on this farm with scrupulous care.

The only stock kept on the farm is pure Fishel strain White Plymouth Rocks. These produce the eggs for hatching the White Rock chicks sent out. The utility flocks are carefully selected for the purpose of producing the very best birds for those who wish to keep fowls for recreation or amusement or for revenue producers, whether on a large farm or merely for family use. Chicks from this class will be a good investment. For the man who wishes to keep birds with not only utility purposes in view but to win in the show room will find that chicks from exhibition pens will turn the trick. All of Mr. C.'s time is devoted to the rearing of his breeders and hatching and shipping the chicks, which go out under the "Baby Chicks of Quality" label. He is a specialist in this business and like all other specialists is in a position to give the best service. All S. C. White Leghorn chicks sent out from Caldwell farm are hatched from eggs produced by a well known breeder's successful experience with this one breed. No other variety is allowed on his place, so that purity of strain is absolutely guaranteed. The Barred Plymouth Rocks and the Single Comb Rhode Island Reds are each produced on separate plants and by men who are devoting their entire time and attention to these particular breeds. This method of procuring eggs makes it possible to get the best that money and high grade skill can produce. This is one more reason why Caldwell can send out "Baby Chicks of Quality."

In order to safely carry the chicks to their destination a light, very strong corrugated paper board box has been adopted. This box safely carries the little fellows to their destination, yet by reason of the small weight the express charges are low. This is just one little thing more that shows the care that is taken on this plant. One man after his chicks have been on the road three days and nights and having been transferred seven times reported that every chick was alive and well when he opened the box. A number of one hundred per cent shipments have been made. As a rule one or two from every shipment will die on the road. In order to overcome this extras are always included; in this way the customer always gets full count and his money's worth. In fact, no detail is overlooked which would improve the quality of the chicks or the right treatment of the customer.

Mr. C. issues a handsome twenty-four page catalogue which fully describes his chicks. It will more than pay you to send six cents in stamps for it. It will come to you on return mail.

Orders are already being booked for early spring delivery. In fact, being in very easy access to the south orders are being sent out now. Especial attention is being given to orders for early spring delivery to southern states, so that any one in these states can get early chicks, which are so desirable in that climate.

Good healthy breeders, only one breed in a place, an expert in charge of each variety, absolutely pure strains, expert incubation in the best equipment possible, carefully packed shipments guaranteed to reach destination in good condition, produce "Baby Chicks of Quality and Satisfaction." Yet with all of this care the prices of each grade are very moderate.

His ad appears elsewhere in this issue on page —, will be run regularly. By addressing your inquiry to R. C. Caldwell, Box 1021, Lyndon, Ross Co., Ohio, you will receive a prompt reply to the same.

BILLION-DOLLAR INDUSTRY.

Cyphers Incubator Company's Catalogue and Poultryman's Guide for 1911
Now Being Mailed Free to All Who Ask for It.

The New Year Book and Complete Catalogue of Cyphers Incubator Company, Buffalo, N. Y., entitled "Profitable Poultry Raising," is now being mailed at the rate of more than one thousand copies per day to interested persons who have asked for it. This is to be kept up until the demand is supplied. Will be sent free to readers of this paper who would like to receive a copy postpaid.

Grant M. Curtis, president of Cyphers Incubator Company, says that he wants every poultryman and poultrywoman who believes in the poultry business as a big and growing industry, to send for a free copy of this new catalogue and guide. It is the fifteenth annual catalogue of the Cyphers Company, and Mr. Curtis has made it a celebration edition. In it he tells of the "Billion Dollar Poultry Industry" for 1911, describes what the poultry industry is and gives new and interesting facts and figures about the remarkable growth of Cyphers Incubator Company during the last twelve years—a business that for 1911 bids fair to exceed \$1,250,000 in actual sales of incubators, brooders, poultry foods and standard poultry supplies.

Says Mr. Curtis: "We have worked hard to have this celebration catalogue the most complete, the most helpful, the most inspiring of any year book we have ever published—and we have had a reputation for putting out interesting and instructive reading matter."

"Profitable Poultry Raising" consists of 212 pages 7½x12 inches in size, contains a great many illustrations and should be in the hands of every earnest and progressive poultryman and poultrywoman who is endeavoring to get out of the poultry business all the pleasure and all the profit there is in it. Free, postpaid, to any address if you will mention American Poultry Journal. Address Cyphers Incubator Company, Buffalo, N. Y., or their branch house nearest you, viz.: 23 Barclay Street, New York City; 12-14 Canal Street, Boston, Mass.; 1569 Broadway, Oakland, Cal.; 340-344 North Clark Street, Chicago, Ill.; 317 S. W. Boulevard, Kansas City, Mo.; or 121-123 Finsbury Pavement, London, England.

The Galesburg Fancy Table-Egg Plant of Galesburg, Ill., breeders of Single Comb White Leghorns, are crowded for house room and must dispose of their surplus cockerels within the next 30 days, and they are offering \$10 birds for \$5, and \$25 birds for \$10. The foundation stock of this flock is from the best strains in the country, including Wyckoff and D. W. Young, and if you want a winner or a breeder you cannot do better than take advantage of these cut prices and secure one of these choice cockerels. Remember these birds must be sold within the next 30 days. First come first served. They guarantee all their stock and will ship birds on approval.

All leg band troubles are overcome if you use the bands made by A. E. Wagler, of Marshall, Mo. They have big bright numbers, are made adjustable and nonadjustable, of good heavy aluminum. They go on easily and stay on and never come off until removed by human hands. See ad of Gibraltar Bands in another part of this issue. Send a stamp for sample.

ONLYA FARMS, MORRISTOWN, N. J.

We recently visited Onlya Farms, owned by Philip Kearney and managed by Chas. Staaff, and will endeavor to tell you what we saw and their method of housing, mating and rearing their White Wyandottes and Barred Rocks.

Onlya Farm is the home of Philip Kearney. The grounds around the house are beautifully laid out, consisting of walks and drives, ornamental shrubs and trees of every variety and beautiful beds of flowers, being located on high ground with a rolling country around it, having a grand view to the south over the valley, with the foothills in the distance. Besides Mr. Kearney's residence, which is a very large and handsome structure, there are several tenement houses in which the help live.

The poultry houses are large and of the best quality of material; being well painted they certainly present a handsome appearance. The breeding houses and yards are located in a large grove of oak and chestnut trees, which affords ample shade for the birds at all times. Each pen has a large run which is well fenced to prevent any mixing of the birds, and they are always under the constant eye of Mr. Staaff and his assistants. Particular attention is paid to culling the flock very carefully and to mating up the pens in such a manner that they are well balanced, so that better stock is always produced from year to year.

Everything is kept scrupulously clean and sanitary conditions are given particular attention. Mr. Staaff, the manager, is a very enthusiastic fancier and can talk "chicken" all day and never tire. He breeds chickens because he likes them and knows every chicken on the place and how it is bred. Therefore you can rest assured that he is producing the best White Wyandottes and Barred Rocks that he knows how to do. With the careful culling that he does and the careful mating, and the close attention which he gives to the birds at all times to insure the best possible fertility, the growing young stock which, given free range in colony coops out in the cornfield after they are big enough to be removed to this location, you can rest assured that the fertility of their eggs is of the highest and that the young birds are exceptionally strong, vigorous and a healthy lot.

We will not repeat the recent winnings here which have been made by this farm this fall, as they are already well known, and certainly are a credit to any farm. This is especially true when we tell you that these winnings were not all made on the same string of birds, as Mr. Staaff does not believe in exhibiting a good bird too often and they have many younger birds now coming in, to take the place of these winners, which will be used in their breeding pens.

Onlya Farm originally bred White Wyandottes exclusively, but when Mr. Staaff came there to accept the position as manager he had some fine cockerel bred barred Rocks which he had perfected after many, many years of careful breeding, and he brought one pen of very fine specimens with him, and therefore they now have a nice little flock of this variety, and that they have good birds in this variety is proved by the fact that on three birds shown at Syracuse they carried home three prizes.

After the birds are brought up from the cornfield they have several large runs in the grove before mentioned, in which they are placed. The cockerels and pullets always being separated from the time it is possible to determine the sexes. The plant

is also equipped with a large number of pens with individual coops for the purpose of confining the cock birds after the pens are broken up. Here we found a fine string of male birds coming through the moult in nice shape.

In another yard was a fine bunch of Barred Rock cockerels, and some two or three yards contained White Wyandotte cockerels, many of which were show specimens of high quality. They also have a cockerel house fitted with stationery coops having Empire fronts to the pens, where the birds are cooped before they are shipped, and where their show birds are trained and fitted for the show room.

This year Onlya Farm tried out the baby chick business in a small way and could not supply one-half the demand which they received for baby chicks. They are making plans, however, to be better equipped for this business another year, and intend to mate at least 9 pens of White Wyandottes, which they will use wholly for this purpose, also a number of pens of cockerel bred Barred Rocks.

Mr. Kearney made it very plain to the writer that he was not in the poultry business to beat anybody but to give everybody a fair deal and full value for every dollar which they spend with him, and all birds were shipped with the strict understanding that they could be returned if not satisfactory and the money will be cheerfully refunded.

C. W. Zimmer.

A Collie dog is a dog you will bless long after he is laid to rest. As he lives a life of usefulness and pays you back one hundredfold for every dollar he may cost in gold. But the first cost is not the thought. You have a friend that cannot be bought.



And if misfortune overtakes you, and the old homestead must be sold. But when it comes to the collie, you would say: Keep your gold. Why? Because it would be like parting with one of the family.

Bloomington, Ill. F. R. Clark.

Illustration: Four-year-old boy and four-months-old Collie pup. What could you buy that would please a child any better for a Christmas present?

A DAY WITH THE LARGEST BUFF LEGHORN BREEDER IN THE WORLD.

The writer recently spent a day with F. S. Smith, Hamilton, Ohio, who at this time is the largest exclusive breeder of Buff Leghorns in the world. Mr. Smith gave us the pleasure of riding from farm to farm in his Red Devil auto and he tries to do everything in the same way as he breeds Leghorns and that is on a fast or large scale, and you can imagine how fast we went from farm to farm under these circumstances.

Mr. Smith this year raised over 8,000 birds from 500 breeders which were selected from 4,000 birds raised last year. Now besides the amount that he raised from the 500 he has shipped eggs into every state in the Union, also Mexico and some other foreign countries. He has also shipped birds to a number of foreign countries this year. Mr. Smith informed us that he intended to mate up 540 pens for this season's egg and day old chick trade. His capacity for day old chicks the coming season will be 11,000 chicks every three weeks. He recently received one carload of incubators, which is an addition to his 1910 capacity.

There is no question but what Mr. Smith is now the Buff Leghorn king of the world, and he is also taking steps to become the Indian Runner duck king of the United States, as he is figuring on raising from four to ten thousand ducks next spring. During the last show season, Mr. Smith exhibited at nine of the largest shows and he intends to be in them again this season; also most all of the other large shows.

He informed us that of all the birds he has shipped out he has never had one returned to him; this speaks very highly of the class of stock he has and sends out. He is certainly giving the people the value for their money or they would send them back.

We have seen a great many Buff Leghorns in our travels but we have not seen anything that excels Mr. Smith's and we do not believe that there are many if any that can do so. His birds are bred to lay and win. He does not push all points at one time, but keeps strengthening the weak ones and he now has them where they are second to none in egg productions and show qualities. He has some of the largest Buff Leghorns we have ever seen and his birds are exceptionally strong in eye and head points.

Mr. Smith has thousands of birds to dispose of and if you are intending to buy Buff Leghorns we would suggest that you try him; he has the quantity to fill your order from as well as the quality; he has the laying quality in his birds and the size and general make-up and just what you want, regardless of what you want it for.

F. C. Wing, Wayland, Mich., breeder of Single Comb Black Minorcas, reports over 800 birds hatched and matured this season and he has already sold over 200 pullets from this season's stock. Mr. Wing informs us that he has turned away more orders than he could fill for pullets. His Minorcas have been first prize winners wherever shown and he expects to be at the leading shows in the middle west this season. Write him for what you want.

Jackson Poultry and Pigeon Association will hold its annual show Dec. 31, 1910, to Jan. 5, 1911, at Jackson, Mich. Judges, Schwab, Traviss and Gibson. For premium list address the secretary, W. O. Wellman, Jackson, Mich.



Here's the 120 egg Ideal sold for \$10 with the 120 Chick Ideal Brooder shown opposite. The biggest value ever offered. Write for my book first—see how they're made before you decide on any. Send me a postal now.

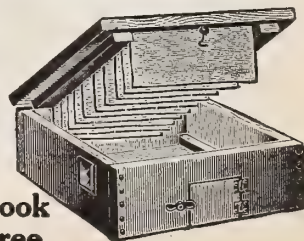
\$10 FOR BOTH—Freight Prepaid
120-Egg Ideal Incubator and 120-Chick Ideal Brooder

The record of the Ideal speaks for its quality. No other incubator has given such universal satisfaction among the experienced and inexperienced alike. And the price speaks for the greatest incubator and brooder value on the market. Ideal Incubators are made right—of the best materials; three thicknesses of wall and dead air space between; covered all over, top, bottom, sides and all, with 28-gauge galvanized iron. Perfect heating and ventilating system. Automatic regulating. This combination—at \$10—makes this offer

The Most You Can Get For Any Money

in this size. No higher quality anywhere at any price. I'll even pay the freight if you live east of the Missouri River and North of Tennessee. If you live beyond, or if you want larger size Ideals, write for delivered price to your R. R. station. Send me a postal now anyway for my big Free Book. Don't buy any incubator or brooder till you see what I offer. My big book is the best ever published on the subject of incubators, brooders and poultry. Write me now.

J. W. Miller—J. W. MILLER CO., Box 56, Freeport, Ill.



Book Free

A LEAP FOR THE PENNANT.

In Which Your Friend "Bob" Essex Puts One Over and Gets a Grasp On the Leadership.

"Bob Essex is making a winner out of the 'Model,' and I guess we are all glad to see him doing it."—J. W. Bell in American Poultry Journal.

It will be no surprise to our readers to hear that the Robert Essex Incubator Company's bid for the leadership in the incubator and poultry supply line is assuming a most interesting phase.

Bob Essex has the reputation of being conservative; and he is; but it is that brand of conservatism that causes him to look

The consummation of this transaction, with the others mentioned herewith, is certainly going some. It is a record at which the poultry fraternity may well feel gratified; and it has been accomplished by one of us in the quiet unassuming style that poultrymen possess. It could not have been better managed by one of the professional "big" men of the business world. How does it read to you?

Let us see what has been done in a few months:

On February 21 Robert H. Essex decided to sever his connection with Cyphers Incubator Company, notwithstanding his large financial interest in that firm—representing his savings of over 15 years.

By March 4, with the aid of some good friends, he had purchased the business of the Model Incubator Company, and entered

ning of this article states, secured at a single leap a grasp on the leadership.

The above is a tale of accomplishment in this industry of ours. The final step in reorganization was taken on October 31—only eight months and one week from the date that Mr. Essex handed in his resignation as assistant general manager of Cyphers Company.

Are things prospering still?

Look at the illustrations of a couple of departments in the Robert Essex Incubator factory—the metal shop, and the incubator joining room; and take note that the photographs were made in October. Nearly a full force was working in the factory at that early date. Generally speaking, incubator companies do not begin manufacturing in earnest until November, but the popularity of the "Essex-Model" Incubators and Brooders (as they are now called) is such as caused Mr. Essex to remark at the time: "I never before experienced anything like it at this season of the year; and I've been in touch with the incubator business a long time."

(We believe readers will do well to get the 1911 catalogue of the Robert Essex Company, No. 3 Henry St., Buffalo, N. Y. The one chapter in which Mr. Essex tells from his long experience "How some people make money and are successful in the poultry business where with equal chances others lose," will we feel sure be read with interest by experts as well as by beginners. It is free.)

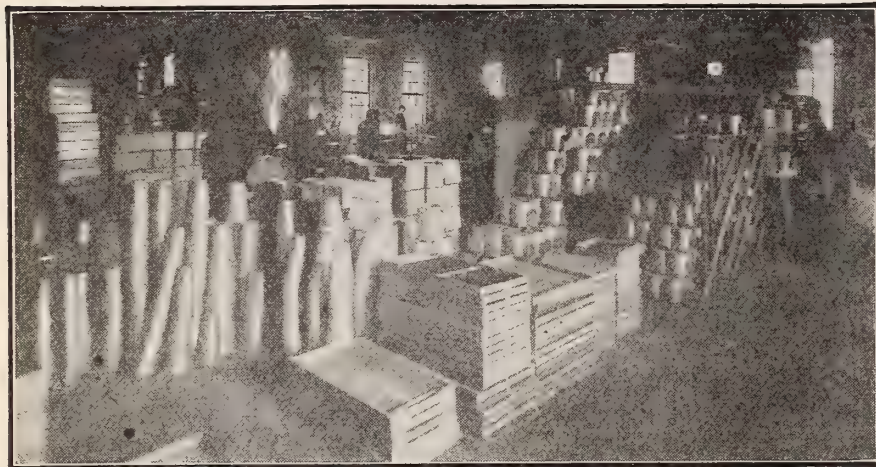
The above tells one of the most extraordinary tales of business acumen it has been our lot to relate. It would be hard to beat it in any line of industry. It is one more feather in the caps of the poultry-keeping fraternity; and we believe readers will be with us if we say, as Theo. Hewes, of the Inland Poultry Journal did when Mr. Essex started out on this undertaking:

"Here's to you Bob! May your shadow never grow less!"

Mr. M. M. Baker has turned all his Orpingtons, together with cups, medals and the good will of the business over to Milton W. Brown, proprietor of the famous Cheviot Farms, Cincinnati, Ohio. This includes the birds that won the famous Stanfield Trophy for the best Buffs shown in 1908 at Chicago, National Club meet at Cleveland, Madison Square Garden, New York, and other places of importance, and also includes Mr. Baker's sensational imported birds. The last of these birds were turned over November 4 and Mr. Baker retires from the fancy.

The White Feather Poultry Farm, formerly of Rocky River, Ohio, is now located at Olmstead Falls, Ohio; Mr. H. T. Whitney, proprietor of this farm, recently purchased 17 acres of fine land well adapted to poultry and fruit and on this farm will continue to breed his Snow-Fluff strain of Single Comb White Leghorns and White Wyandottes.

J. C. Fishel & Son, Hope, Ind., have just gotten out one of the neatest and most attractive booklets that has come to our desk



A section in the metal department of Robert Essex Incubator Company, Buffalo, N. Y., where the wall founts, food hoppers, etc., etc., are made. (Photo taken in October.)

before he leaps; to think before he promises; and then to do things without making a fuss about it. Any one of our readers who gets a promise from "Bob" may lie down in his little cot and sleep contentedly so far as the fulfillment of that promise is concerned. We believe he carries out the practice of "making good" purely because he wants to. It's a habit he has.

But we were speaking of his grasp on the title of "leader" in the manufacturing business.

What do you suppose his latest step upward consists of? Nothing less than the purchase of the business of the well-known Cornell Incubator Company, of Ithaca, N. Y.

Remember! He already had selected what he considered the best incubator on the market when he bought the Model Incubator Company's business last spring. Then his thoughts naturally turned to brooders; and what was more probable than that he should recall the popular "Peep o' Day" and the "Old Homestead" brooders, the patents on which the Cornell Incubator Company owned?

Conservatism didn't stop Mr. Essex from quickly making up his mind that he wanted those patents, even if he had to buy out the Cornell Incubator Company to get them.

And that's just what happened!

It happened like this:

The Cornell Incubator Company was approached with an offer for the patents.

"No, Mr. Essex," said the owner of the business. "I'll acknowledge that my time is very much taken up with other things, and for that reason I might perhaps be willing to dispose of this business, but as for selling the patents alone, I couldn't do it. They are the soul of the business. It would be of little utility without them. Why, I gave \$12,000 cash for the 'Peep o' Day' patent alone, and \$2,000 for one of the others. The patents we own have cost us in actual cash far more than the amounts named, not including a cent for time spent on inventing, experimenting, material, construction—simply cash paid out for patents, and applications for patents. Why not buy the whole business? Then you'd have the patents."

As we remarked above—Mr. Essex wanted those patents.

A little reflection; a rapid figuring of values; and he replied: "How much do you want for the business—stock-in-trade, patents and all?"

The price was named.

Our friend Robert said, "I'll take it." And that settled it.

upon its management and reorganization. Some time ago he wrote that the way his numerous acquaintances were flocking to him with orders was a caution to beholders, and he wants to thank them all for it—sincerely; "for," said he, "it is their confidence in us and in our goods that has enabled us to take another step up the ladder."

To proceed with our little tale:

Under high-pressure endeavor, business began to look up. Within a couple of months it increased 20 per cent. By June it had increased 150 per cent. By September it registered 360 per cent over September, 1909; and we understand it is now approaching the 500 per cent mark.

Having accomplished so much it did not take Mr. Essex long to decide that he



A busy corner in the incubator joining room of Robert Essex Incubator Company, Buffalo, N. Y. (Photo taken in October.)

ought to organize a company to take over the entire businesses of the Model and the Cornell. To think was to act; and the outcome was the incorporation of the Robert Essex Incubator Company; an organization to be proud of, and one that, as the begin-

ning of this season. This booklet is original and carries their idea of having the best in printed matter as well as the best in White Wyandottes. Don't fail to send for a copy of this booklet, as it will interest you. Please mention American Poultry Journal



First Cock, Chicago, 1909

STANDARD LINE-BRED S. C. WHITE

LEGHORNS

EXCLUSIVELY--THEY LAY WHILE OTHER
BREEDS SLEEP



First Hen, Chicago, 1909

Chicago Winnings

At the last great show, December 7-12, 1909, in the largest entry and the strongest competition ever shown at Chicago, 1st, 2d, 3d cock; 1st, 2d, 3d hen; 1st, 2d, 3d pullet; 2d, 3d, 4th, 5th cockerel; 1st, pen. Exhibition birds of the highest quality will be ready for the fall and early winter shows. My stock in customers' hands won firsts in most of the leading shows last winter and will do it again.

Do You Want the Winners in Your Show?

If so, get in touch with me and state your wants. Beautiful trios, pens and single birds in either breeding or exhibition stock, sired by my Chicago winners, now ready. I can please you and will ship on approval. What more could you ask?

My matings were right this year as usual, and I have thousands of young stock better than ever before. To save time in ordering exhibition birds, either state the amount you would care to spend for same, and I can describe what I can furnish for the price, or you can describe what you want and I will tell you what I can furnish them for.

Inclose 10c in stamps or coin for the finest S. C. W. Leghorn catalogue published. Every inquiry or order has my personal, prompt and careful attention. Prices low considering quality.



First Pen Cockerel, Chicago, 1909

Parkside Poultry Farm

N. P. Easling, Proprietor

Box 40, Pekin, Illinois

LARGEST SPECIALTY S. C WHITE LEG-
HORN POULTRY FARM IN THE WORLD



First Pullet Chicago, 1909



Watch For Automatic Feeder!!

A SURE WINNER

Harries & Benedict Co. : 67 Barclay St., New York

McDanell's

GOLDEN & COLUMBIAN WYANDOTTES

Win at HAGERSTOWN. Golden: 1st and 2d cock (13 in class); 2d cockerel; 4th pullet. Columbian: 4th cockerel; 4th and 5th pullet.

J. H. McDanell - Proprietor Old Homestead Farms - Warsaw, Kentucky

BLANCHARD'S WHITE LEGHORNS

The Leading Strain of Heavy Layers. Winners at Madison Square Garden, New York, 1903, 1904, 1905, 1906 and 1907

Are no experiment, having been carefully selected and bred for over 20 years with results that fully justify the claim that they are one of **The Great Laying Strains of S. C. White Leghorns in Existence**. No labor or expense has been spared in building up perfecting the strain, and while the production of large, pure white fancy market eggs has been the main object, **Standard Qualities** have not been neglected. They are **Large, Vigorous, Active and Handsome**. Good winter layers and keep at it all summer. Unexcelled for introducing new blood or as foundation stock. **Eggs for Hatching. Stock for Sale. Illus. Circular Free.**

E. E. Pabst : : Formerly H. J. Blanchard : : Groton, Conn., New York

WE HAVE WINNERS FOR YOU

SINGLE AND ROSE COMB REDS

At the Great Brockton Fair, October, 1910, on 89 Birds Had 77 Under the Ribbons—For five consecutive years we have shown at Brockton and won more regular and special prizes than any other competitor showing in all of the same classes. We have a large flock of birds to select from: can supply you show birds, rich red color and good long backs. Special prices on 500 good husky cockerels, \$3.50 and \$5. **Ducks**—Pekin, Rouen, Light and Dark Fawn Indian Runners, at prices from \$2 to \$5. Exhibition and utility specimens. Your correspondence urgently solicited. All birds sent on approval. Write your wants today.

White Birch Poultry Farm : Mary B. Conant, Proprietor : W. H. Withington, Manager : Union Street, Bridgewater, Massachusetts

Afton Farm

Mammoth Imperial Pekin Ducks

Single Comb White Leghorns

Cornish Indian Games

Barred Plymouth Rocks

White Wyandottes

Breeders

For Sale

S. B. & E. W. TWINING

"AFTON FARM"

YARDLEY, PENNA.



1st Cockerel, Madison Square Garden

WILLARD'S BUFF ORPINGTONS

Big winners at Madison Square Garden, Boston, Chicago, Michigan State Fair, Detroit, etc., etc. Heavy Layers.

1000 YOUNG BUFFS FOR EARLY SHOWS

45 tested breeders, 8 yearling cocks, prize winners. Bred from our 73 prize breeders. They have large size, good type, sound level exhibition color and hackles, clean wings and red eyes. Home raised birds \$2 to \$50 each. Trios \$5 up. Pens \$9 up. Imported birds of mammoth size \$35 to \$150 each. Winners furnished for any show. Approval shipments. Write me today.

JOHN O. WILLARD,

Vice-President of the National S. C. Buff Orpington Club for Michigan

LINDEN, MICH.

MONEY SAVED

By Learning How to Operate Any Incubator Before Purchasing Your Machines

In order to pull off a successful hatch you must know all the details of incubation. Everybody can run an incubator, but few can operate one to the degree of accuracy necessary to obtain a 90 per cent hatch. Realizing this fact and knowing that at the present time there is no book published which gives the beginner all the information necessary to enable him to pull off such a hatch, we have published a new book.

"How to Operate Incubators and Brooders Successfully"

This book contains 84 pages of solid reading matter; it tells you how to operate all standard makes of incubators successfully, how to select your eggs, how to care for your little chicks after they are hatched; in short, it tells you everything you ought to know in order to pull off a successful hatch. Although the information contained in this book is worth a fortune to the beginner, we have fixed the price at 50 cents per copy. Send your order today to

Incubator Exchange : Dealers in New and Used Incubators and Brooders : Brookfield, Illinois

Send Stamp for Our Price List Before Buying Elsewhere. We Save You Money. See Our Other Ad Elsewhere in This Issue

Proof Positive!

HARRIES' WHITE ORPINGTONS STILL LEAD THE WORLD

New York, November 18-24, 1910—In competition with the leading Eastern breeders, we won first cock (9 in class), first and second hens (14 in class), first pullet (14 in class), first and second pens (10 in class), Silver Cup best display Orpington any variety, Silver Cup best display White Orpingtons, Club Cup best display White Orpingtons, Silver Cup best White Orpington pen and five other specials.

This, with our win of first pen at Madison Square, 1910, the record win at Philadelphia, 1910, is proof positive that our White Orpingtons are the leaders. Our hen, "The Lily," was pronounced by the judges present to be the best Orpington type ever shown.

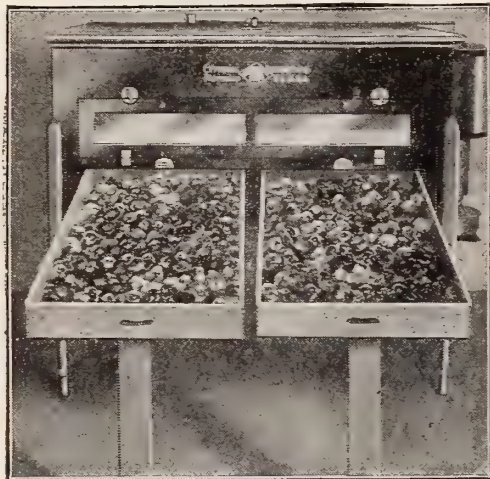
Some winning cockerels for sale.

Address all mail for "Fernlea" to

Fred Harries, 67 Barclay St., New York City

Let These Owners Tell You How The Cyphers Keeps On Hatching

LET US look at this chicken-raising question from the standpoints of *good business—permanency*. On these points we are offering something stronger than *our words and claims* for Cyphers Incubators and Brooders.



325 Barred Plymouth Rock Chicks

Picture—made from photograph—shows 325 Barred Plymouth Rock Chicks hatched in a No. 3 Cyphers Incubator by D. W. Tobey, manager for G. M. D. Legg, Sterling, Ill.

We submit the simple, truthful testimony of actual users of Cyphers machines—located in different parts of the country—meeting different difficulties, and overcoming them—*succeeding* with the Cyphers.

They have tried it out—not for *one* hatch, or a *single* season—but for year after year—hatch after hatch.

They tell how they have found Cyphers Incubators the world's greatest *continuous* hatchers—the most *reliable* and *profitable*.

And you can safely believe that they did not write these letters till time made *absolutely* sure of the *facts*.

Strong Proof from the Coast

Every poultryman knows or has heard about Petaluma, California, the hen metropolis of the Golden West. Read this about the Cyphers *continuous* hatching quality from one of the most successful Petaluma poultry raisers. It is dated Sept. 29, 1910.



This Shows an Average "Fair Hatch"

Fig. 1.—63 chicks from 120 fertile eggs. This would be called a good hatch from a cheaply-built incubator.

"It is with pleasure I recommend the Cyphers Incubators. They transform all the hatchable eggs into lusty, livable chicks, which it is a pleasure to care for with a minimum of care, worry and expense. During the past season I have operated four large size, 390-egg Cyphers machines, and for the season took an average of 323 chicks per machine per hatch to the brooders. Two machines are old style and two your latest Insurable pattern. These last run with practically no variation of temperature."

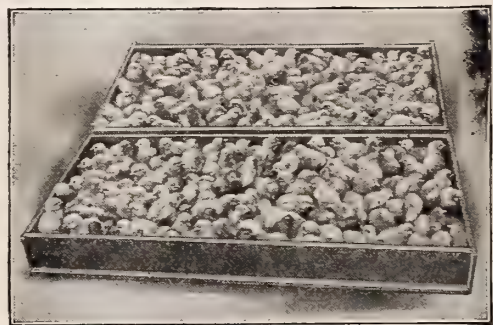
Wayside Yards. Yours truly, **CARL GREGORY.**

And just bear in mind that this isn't the report of a single hatch *accidentally* good—but of a steady whole season's average. 323 chicks from a 390-egg Cyphers—from all eggs set.

A. G. Lord, of Higganum, Conn., writes us under date of July 30th, 1910: "As a result of 21 consecutive hatches held by me the past winter and spring with No. 3 and No. 2 Incubators of your manufacture, I secured 5,523 chicks from 5,914 fertile eggs.

"My first hatch with the No. 3 machines was Feb. 1, 1910, my last was June 1st. I set in all 3,902 eggs. I tested out 345 infertile eggs and hatched 3,304 chicks.

"With No. 2 Cyphers machines my first hatch was Feb. 13, 1910, my last May 24th. I set 2,640 eggs, tested out 263 and hatched 2,219 chicks.



Single Hatch from a No. 3 Cyphers

326 White Leghorn and Rhode Island Red Chicks hatched on Avondale Poultry Farm, Hayden, Idaho. Said H. F. Rau, Manager "There are 326 chicks in the trays. This good hatch speaks for itself, and is only one of the large number of similar hatches we have had."

Read This from a Beginner

Here's another strong letter. This one is from a beginner. He's mighty enthusiastic. And rightly so. It's written by Theodore R. Brown, 333 Hinkley Ave., Rockford, Ill., and dated June 25, 1910.

"No doubt you think I am lost—but I am here, and so are the chicks! I am glad to report my first five hatches:

"First hatch, 346 chicks from 350 fertile eggs; second hatch, 226 chicks from 294 fertile eggs; third hatch, 288 chicks from 330 fertile eggs; fourth hatch, 260 chicks from 287 fertile eggs; fifth hatch, 300 chicks from 325 fertile eggs.

"That makes in all, 1,454 chicks from 1,586 fertile eggs.

"Remember, I am a beginner, and that's going some!"



A "Good" Hatch—the Cyphers Kind

Fig. 2.—104 chicks from 120 fertile eggs. It is from the number of chicks between 63 and 112 that the profits are to be made.

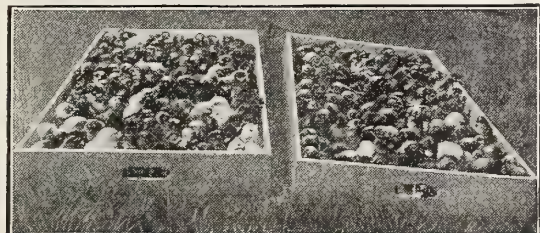
A Billion Dollar Industry Is Told About In Our 1911 Book

What other poultry raisers are doing in every part of the country—you can do—on whatever scale you desire.

Half the battle in poultry raising is starting right—with a real incubator. Deal fairly with yourself! Get a genuine Cyphers and be rid of risks—be sure of continuous service—big percentage hatches right along.

You cut out moisture-troubles—heat-troubles and uncertain regulation and ventilation when you get a Cyphers. You *save eggs, oil, temper, time*—and you *make money*.

You will have the *same equipment* that the most successful people in the business use for best results, for Cyphers Incubators and Brooders are used by more Government Experiment Stations—by more large poultrymen—by more big breeders of national reputation and by more successful duck raisers *than all other makes combined*.



A Beginner's First Hatch

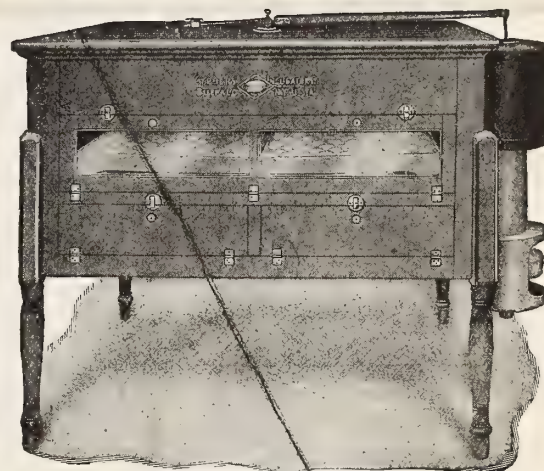
Picture (from photograph) shows hatch of 340 Chicks from 350 eggs in No. 3 Cyphers made by Theo. R. Brown, Rockford, Ill. Said Mr. Brown, June 25, 1910: "I am sending picture of my first hatch—346 big, lively 'peeps' from 350 eggs. Not bad for a beginner!"

We want your name so that we can send free—with *Our compliments*—our big, handsome year book—"Profitable Poultry Raising," our complete 1911 catalog of Cyphers Incubators and Brooders, Poultry Foods and Supplies. It contains

Everything For Poultry Raisers

Incubators
Brooders
Brood Coops
Chick Shelters
Brooder Stoves
Leg Bands
Egg Packages
Egg Testers
Caponizing Sets
Scratching Food
Developing Food
Chic. Food
Forcing Food
Laying Food
Short-Cut Alfalfa
Shredded Alfalfa
Meal-d Alfalfa
Full-Nest Egg Food
Nodi Charcoal
Poultry Remedies

Lice Powder
Lice Paint
Napcreol (Disinfectant)
Anti-Fly Pest
Egg Preservative
Fumigating Candles
Drinking Fountains
Grit and Shell Boxes
Food and Water Holders
Roost Supports
Roosting Paper
Spray Pumps
Powder Guns
Wire Fencing
Bone Cutters
Chick Markers
Bone Mills
Root Cutters
Nest Eggs
Poultry Books



Cyphers Incubators and Brooders

We manufacture nearly 100 different articles for up-to-date, progressive poultrymen and women, ranging from Cyphers, Mammoth Compartment Incubators, holding 50,000 eggs at one filling down to china nest eggs. Every article guaranteed to be as represented or money refunded.

Note below our six places of business in the United States, which insure low freight rates and prompt delivery of goods.

We will appreciate it if you will supply the information asked for on the Memory-Jogger below, which places you under no obligation at all. Write today—addressing home office or branch store nearest you.

Memory-Jogger

This reminds me to send today for Cyphers Company's new book "Profitable Poultry Raising" and complete 1911 catalog of Incubators, Brooders and Poultry Supplies. I have in mind the purchase of a size incubator (or) size brooder.

My name is

My address is

To Cyphers Incubator Co.
Dept. 30, Buffalo, N. Y.

Cyphers Incubator Company, Dept. 30, Buffalo, New York

23 Barclay St., New York City, N. Y.
2325 Broadway, Kansas City, Mo.

340-344 N. Clark St., Chicago, Ill.
2,000 selling agents

12-14 Canal St., Boston, Mass.
1569 Broadway Oakland, Cal.

CLASSIFIED ADS

UNDER this heading ads will be inserted for seven cents per word each month for less than three months, and five cents per word each insertion for three months or longer. Changes in copy allowed every three months. Numbers and initials count as words. All ads will be inserted under classified headings. No ads accepted at less than an average of sixty cents per insertion. Terms, cash with each ad. Count the words carefully to avoid delay in publishing. Write your copy plainly, as upon this the correctness of your ad largely depends. When placing your ads remember that advertisers using Classified Ads get better returns from AMERICAN POULTRY JOURNAL than from any other poultry journal—none excepted. On writing any of these advertisers mention A. P. J. All copy for Classified Ads must reach us by the 17th of month preceding date of issue.

PLYMOUTH ROCKS.

HATHAWAYS BARRED ROCKS Cockerels \$2. Exhibition birds, \$5, up. George A. Hathaway, Sheldon, Ill. 12-1

"RINGLET" BARRED ROCKS and Felch Light Brahmas. Stock and eggs for sale. Fletcher Ogle, Star City, Ind. 12-3

WHITE ROCK COCKERELS—Fishel's, \$5, \$3. Dr. J. H. Martin, Binghamton, N. Y. 12-3

"RINGLET" BARRED ROCKS—Pullet bred cockerels, \$2.50 and \$3.50. T. O. McClure, 847 N. Main St., Marion, Ohio. 12-1

EXHIBITION BARRED ROCKS—Ringlet strain, cockerel and pullet mating. Cocks, cockerels, hens, pullets, \$2 to \$5 each; five females and male, \$10, sold on approval. Circular. John Northon, Clare, Mich. 12-3

BRADLEY ROCKS, good scored cockerels and pullets. E. E. Durston, New Windsor, Ill. 12-3

WHITE ROCKS—Four grand 200-egg White Rock hens sacrificed at \$15.00. W. C. Snider, Buncheon, Mo. 12-1

BARRED PLYMOUTH ROCK Cockerels purchased as chicks direct from J. W. Parks; 200-egg strain; price \$3.00. H. E. Doolittle, Tamaroa, Ill. 12-1

CHOICE STOCK, Buff Plymouth Rocks cockerels, pullets, yearling hens. Harry Backhaus, New Bremen, Ohio. 12-3

BRADLEY BARRED ROCK Ckls. and Hens, \$1 each. Won 1st chl. Bushnell, Ill. score 924. Edwin C. Laux, Bushnell, Ill. 12-3

BUFF ROCKS, Cocks, Cockerels, Hens, Pullets, \$1.50 each. Henry Schowe, Jr., New Bremen, Ohio. 12-3

BARRED ROCKS, PURE BLUE Belle Pullet strain; Ringlet cockerel strain for sale cheap; none better bred. T. H. Kaldenberg, Pella, Iowa. 12-3

WHITE PLYMOUTH ROCK Cockerels, good ones, \$1.50 to \$3.00. Mrs. John A. Jewell, Decora, Iowa. 12-3

RINGLET BARRED ROCK cockerels; E. B. Thompson strain; farm raised; \$2.00 each. Mrs. B. H. Gross, Onawa, Iowa. 12-3

WHITE PLYMOUTH Rock cockerels and Indian Runner drakes for sale. Lynn White, Calamine, Wis. 12-1

EXCEPTIONALLY FINE BARRED ROCK Cockerels from Owens Farms finest 1910 cockerel matings, worth \$10 to \$25; they go at \$3 to \$10; some pullets cheap. Highland Poultry Farm, Normal, Ill. 12-3

BARRED ROCK, S. C. WHITE Leghorns, baby chicks a specialty; orders booked now. Harry Flory, 919 West King St., York, Pa. 12-6

WHITE PLYMOUTH ROCKS—Young stock for sale. Chas. Tilden, Huntertown, Ind. 12-2

BUFF ROCK COCKERELS at a bargain; fine big fellows guaranteed. George Bartlett, Seymour, Ind. 12-1

BUFF PLYMOUTH ROCK cockerels for sale \$2 to \$5; also two cocks. R. P. Culver, De Kalb, Ill. 12-3

BARRED ROCK COCKERELS, Ringlet Strain; we guarantee every bird; prices reasonable. Evans Bros., Box 19, Brokaw, Ohio. 12-3

BARRED PLYMOUTH ROCK Cockerels—Bradley Brothers' strain cockerel or pullet mating; satisfaction guaranteed. Geo. L. Hart, Route 1, Princeton, Ill. 12-3

BUFF ROCKS (Burdick-Lapham), at score prices, cockerels score 92-94½, Pullets 92-95, eggs, \$5, \$3 per 15. A. V. Hageman, Heyworth, Ill. 12-3

BUFF ROCKS BRED FROM Chicago, Peoria and Springfield winners. Extra large in size, fine show color, reasonable prices. J. C. Schaefer, 14 Oak St., Freeport, Ill. 12-3

WHITE ROCK COCKERELS, \$3.00 each, bred from Fishel \$35.00 breeding pen. Indian Runner Drakes, \$1.50 each. G. N. Burt, Box F, Oakwood, Ohio. 10-3

BARRED ROCK FANCY Cockerels, Latham Strain. Mrs. F. A. Daniels, Vandalia, Mo. 11-3

BUFF PLYMOUTH ROCKS—Standard Bred, young and old stock for sale at reasonable prices. Exhibition birds a matter of correspondence. Satisfaction guaranteed. Otto Wendt, La Hogue, Ill. 11-2

500 BARRED PLYMOUTH ROCKS for sale that are great layers as well as prize winners. Incubator eggs in 100 or 1,000 lots. L. F. Thompson, Hope, Ind. 11-2

WHITE PLYMOUTH ROCKS—Some grand young birds ready for the fall and winter shows, also utility birds five years of pedigree breeding for standard requirements and heavy egg production back of them. The original female used to start my strain laid 213 eggs in one year. Silver Cup winners at the leading shows in Illinois, under such judges as Russell and Heimlich. Eggs in season. Mating circular free. Chas. A. Simmonds, Camp Point, Ill. 11-6

BARRED ROCKS THAT WIN 12 first prizes in 1910. Some fine cocks and cockerels and pullets for sale. Eggs in season. G. B. M. Haverstraw, Williamstown, W. Va. 11-3

FISHEL WHITE ROCKS—Pullets and cockerels, \$2 to \$5 each. I. L. Baldwin, Oxford, Ind. 11-3

WHITE PLYMOUTH ROCKS—Bickerdike strain. Farm raised stock for sale. Good color and size. Satisfaction guaranteed. Write for prices. C. F. Long, Waggoner, Ill. 11-3

EVENTUALLY YOU WILL WANT the best White Plymouth Rocks. Why not buy them now? Write for illustrated circular giving description and prices. E. A. Hayward, Cooksville, Ill. 11-3

BARTLETT'S BUFF ROCKS—Cockerels and pullets of good color, shape and size, for sale, bred from first-class stock. A few good show specimens. Satisfaction or your money returned. In writing, to save time, please state just what you want. M. A. Bartlett, 508 Lincoln Ave., Canton, Ohio. 11-3

FINE BARRED ROCK cockerels, three for \$5.00. Extra fine, two for \$5.00. Thirty-six first Premiums. Circular free. Mrs. L. W. Heller, Ladora, Iowa. 11-3

WHITE ROCKS EXCLUSIVELY—100 early hatched cockerels, 100 pullets and 50 yearling hens. Bred from prize winners and as good as grown; if you want show birds or utility stock, write me. H. L. Brown, Oxford, O. 11-3

FOR SALE—WHITE AND Barred Rock cockerels; eggs for hatching, any number. Burket's Poultry Farm, Frenchtown, New Jersey, Route 1. 11-3

100 FINE FISHEL WHITE Rock cockerels, \$1.50 each if taken promptly; Circular. Merton Cox, Manchester, Iowa. 11-3

GLADSON'S WHITE ROCKS—Grand in shape, size and color; if you want show birds, don't fail to write J. E. Gladson, Vandalia, Ill. 11-3

BUFF AND BARRED ROCKS, Buff Orpingtons. Stock. H. L. Ragsdale, Centralia, Ill. 11-3

WHITE ROCKS, FISHEL DIRECT. Old and young stock for sale. B. C. Thompson, Elmira, N. Y. 10-3

WHITE PLYMOUTH ROCKS. The kind that lay. Fine young stock for sale. Write for prices. W. F. Cole, Topeka, Ind. 10-3

BARRED PLYMOUTH ROCKS. Start with vigorous breeding stock and exhibition birds and good layers are sure to follow. My flocks of winter hatched cockerels and pullets are splendid specimens of poultry vigor. Excellent shipping facilities. Satisfaction guaranteed. Prices quoted on request. B. F. Hunter, Paris, Tennessee. 10-3

BUFF ROCKS, 20 RIBBONS and 1 sweepstakes in Nineteen-ten. Young and old stock for sale. John D. Wilkins, Pocahtontas, Ill. 10-3

BARRED ROCKS. Exceptionally fine, dark cockerels from stock bred 12 years for show birds and eggs. R. A. Church, Seneca Farm, Lock Box 258, Davenport, Iowa. 10-3

FISHEL STRAIN WHITE ROCK COCKERELS, early hatched, \$2.00 to \$5.00. Frank Warwick, Waterloo, N. Y. 10-3

BARRED ROCKS, THOMPSON STRAIN; fine young cockerels from special mated yards; also from utility flock; mine will surely please you in quality and prices. Mrs. Jas. M. Kemp, Kenney, Ill. 12-3

100 WHITE ROCK Cockerels (Fishel strain), \$1.00 upwards. Henry Heitkamp, New Bremen, Ohio. 10-3

HEDGES' PEDIGREED WHITE ROCKS. The winning and laying strain. Bred exclusively fifteen years. Egg records to 272. Young stock for sale. Mating list free. Miss Alice M. Hedges, Pana, Ill. 10-3

RINGLET BARRED ROCKS, a choice lot of exhibition and breeding stock. Cockerels, \$2 to \$5; yearling hens and pullets, \$2 to \$3 each. H. E. Kipp, Red Hook, N. Y. 10-3

RINGLET BARRED ROCKS, E. B. Thompson strain direct. Choice breeding stock, \$3 to \$5. Mammoth Bronze Turkeys, pairs and trios, not related. Satisfaction guaranteed. Mrs. D. L. Johnson, Chrisney, Ind. 10-3

RINGLET'S FINE, LARGE, good colored pure bred Ringlet Barred Plymouth Rock cockerels; also properly mated pens and trios, bred from stock bought direct from Thompson's New York winners. Return them if not satisfactory. C. F. Bauer, R. 1, Litchfield, Ill. 10-3

WYANDOTTES.

MILLER'S WHITE WYANDOTTES have won more prizes than any other strain in Pennsylvania. Winnings—Hagerstown, Baltimore, Cleveland, McKeesport; also first display cup Pittsburgh, 1909. Prize cocks, cockerels, females and eggs. Prof. A. A. Miller, McKeesport, Pa. 2-10-1yr.

REGAL STRAIN WHITE WYANDOTTE hens and pullets for sale, \$1 each; also some fine cockerels from \$2 to \$3. Albert Reed, Clifton Springs, N. Y. 12-3

FOR SALE—20 WHITE Wyandotte pullets, \$1 each. D. Henderson, Oshetmo, Mich. 12-1

SILVER WYANDOTTES—Samson strain. Cockerels, \$1.50 up. Eggs, 15 for \$2, 30 for \$3.50. Fertility guaranteed. Charles Haake, 4342 N. Hermitage, Chicago. 12-3

WYANDOTTES—PARTRIDGE SILVER Pencilled and Black Wyandottes; New York, Cleveland winners. W. R. Hinz, Eagle Cliff, Ohio. 12-3

BUFF WYANDOTTES—Large blocky birds, the kind that win and lay; stock and eggs in season; satisfaction guaranteed; Piser strain. O. F. Turner, Vulcan, Mich. 12-3

BLACK WYANDOTTES—Good stock at reasonable prices. R. Kempton, Hillsdale, Mich. 12-3

WHITE WYANDOTTE PULETS, seven months' old, \$1.50; very fine, and of good layers. John Rorem, Ottawa, Ill. 12-1

BUFFS ONLY—Fine lot of young stock now ready; early hatched, farm raised and sold at farmer's prices. Willis Brown, Slipperyrock, Pa. 12-3

WHITE WYANDOTTES—Duston strain direct, exhibition and utility stock from my St. Louis, Decatur, Berne and Albany winners; cockerels and yearling cocks, \$2 to \$6; circular. Herbert F. Smith, R. S. Bluffton, Ind. 12-1

GOLDEN WYANDOTTES with that beautiful rich golden bay and good open lacing; no old hens for sale. Haines Bros., R. F. D. No. 10, Dayton, Ohio. 12-3

PARTRIDGE WYANDOTTES—Fifty choice cockerels; a few hens and pullets; every bird guaranteed. A. B. Evans, Box 39, Roxbury, Ohio. 12-3

PARTRIDGE AND WHITE Wyandottes—Trios \$5; write your wants. G. G. Douglas, Rantoul, Ill. 12-1

PARTRIDGE WYANDOTTES—Winners at the Illinois State Show, and at Davenport, Iowa. Cockerels, hens and pullets for sale. W. W. Moorhead, Alledo, Ill. 12-3

SILVER LACED WYANDOTTE specialist. Won over 200 firsts and specials since 1906; fine birds; right prices. Helfrich Brothers, Hammond, Ill. 12-3

WYANDOTTES.

WHITE WYANDOTTES—A few choice cockerels, \$2 each. J. Berger, Waterford, Wis. 12-1

GOLDEN WYANDOTTES—Choice cockerels, \$5; fine, well marked; no females left. Dr. D. Oscar Mead, Pinckneyville, Ill. 12-2

SILVER WYANDOTTES for sale—Cockerels, \$3 each; two, \$5. Mrs. Julia H. Martin, Marshall, Mo. 12-1

COLUMBIAN WYANDOTTES—Will sell all cheap, 75 hens and pullets, 1 cock and 4 cockerels. Poor health the cause. C. E. Ballou, Huntertown, Ind. 12-3

SILVER LACED WYANDOTTE cockerels and pullets, \$1. \$1.50. Mrs. C. W. Whitham, Fairfield, Iowa. 12-1

HIGH CLASS SILVER LACED Wyandottes—Fine marked cockerels from trapped hens, having laying record of 200 eggs or more one year; also Gold Laced cockerels, none better. Frank Fahs, Jr., Box 91, Dyersville, Iowa. 11-3

BUFF WYANDOTTES—My stock has won in the largest shows for ten years; fine lot young and old; both sexes. F. L. Waterman, Barrington, Ill. 11-3

FOR SALE—PARTRIDGE Wyandottes; good birds at reasonable price. Wm. Shreve, Ulrichsville, Ohio. 11-3

WHITE WYANDOTTE COCKERELS for sale; no hens or pullets. J. C. Lauther, Three Oaks, Mich. 11-3

WHITE WYANDOTTES EXCLUSIVELY—Cockerels and White Holland Toms, \$2.50. Sam'l Woodruff, Brook, Ind. 11-3

BUFF WYANDOTTES—Cockerels, pullets and yearling hens, \$1.00 each. Satisfaction or money back. Sunbeam Poultry Yards, 1739 Iowa St., Oshkosh, Wis. 10-4

WHITE WYANDOTTES exclusively; fine stock for sale. C. E. Ewell, Milan, Ohio. 11-3

FOR SALE—PARTRIDGE WYANDOTTES sent on approval. James Schrub, Urbana, Ohio. 11-3

SEVENTH YEAR, WHITE Wyandottes exclusively; fine cockerels, \$1.00 up. Mrs. O. Parmeter, Concord, Mich. 11-3

VERGERONT'S WHITE WYANDOTTES until Jan. 1st, cockerels, \$1 each. Vergeront, Montfort, Wis. 11-3

BUFF WYANDOTTES—COCKERELS, pullets and eggs for sale; write for prices. Cyclone Poultry Yards, David E. Morrow, R. R. No. 3, Logansport, Ind. 11-3

GOLDEN WYANDOTTES—A few fine show birds and a choice lot of good all around select breeders; circular. W. Spalding, Cox's Creek, Ky. 11-3

WHITE WYANDOTTES (DUSTON)—Cockerels, \$2 to \$5. Pullets, \$1.50, from stock scoring 93 to 96. Blue ribbon winners. Frank Hardwidge, Poneto, Ind. 11-3

COLUMBIAN WYANDOTTES—Birds of quality as well as utility. Write your wants for well matured birds. L. H. Davis, Port Jefferson, New York. 11-3

PARTRIDGE WYANDOTTES—200 choice young birds for sale; exhibition birds and breeders; a fine bunch of large, vigorous cockerels; cheap for quality. Wm. H. Milward, Box A, Madison, Wis. 11-3

BUFF WYANDOTTES—"LAYWINGOLDS," 1910 winners at Cleveland, Pittsburg and Indianapolis. Stock and eggs. Rev. Henry James, Kent, Ohio. 10-3

SILVER LACED WYANDOTTES. I have a number of fine well bred cockerels for sale at right prices. Samuel Schroeder, Altamont, Ill. 10-3

PARTRIDGE WYANDOTTES—oldest and best blood lines in the world. Cockerels and pullets any quality. Specify wants. Write for prices. H. W. Michael, Box C, New Castle, Pa. 10-3

HIGH CLASS WHITE WYANDOTTES, winners at Toledo, Cleveland, Chicago, Detroit, etc. Specials, \$25. Ivory soap cup, cup for best display, cup for best cock, hen, cockerel and pullet, etc. Many of the blue ribbon winners were hatched from eggs we sold in the last 8 years. Eggs, \$3 per 15; \$5 per 30. A. H. Emch, Toledo, O., State Secretary National White Wyandotte Club. 9-11

LEGHORNS.

SINGLE COMB BROWN LEGHORNS, a fine lot of young stock now ready, get my prices. A. F. Lehman, Toulon, Ill. 12-2

ROSE COMB BUFF LEGHORN cockerels and pullets for sale, bred from Madison Square winners. Howard J. Fisk, Box A, Falconer, N. Y. 12-3

ROSE COMB BROWN Leghorns. Percy E. Ligon, Gloster, Miss. 12-1

FULL BLOOD S. C. BROWN Leghorns and Dark Brahmas. Hens or pullets, \$1, and roosters, \$1.50. H. Wilson, Bonfield, Ill. 12-3

WYCKOFF STRAIN DIRECT. Limited number choice Single Comb White Leghorn cockerels, \$2, \$3, \$5. Satisfaction guaranteed. Robert Donnan, Cambridge, N. Y. 12-1

BLANCHARD-WYCKOFF SINGLE Comb White Leghorns. 20 eggs, \$1; 100 eggs, \$4. Orders booked now spring delivery. Circular free. W. Albers, Lombard, Ill. 12-3

SINGLE COMB WHITE LEGHORN cockerels from 196-egg strain, good sized, blue-white quills, scoring 94 to 96 1/4. McClave. George W. Wolf-rum, Carey, Ohio. 12-3

"QUALITY KIND" PURE BRED Single Comb White Leghorn cockerels, one dollar. M. G. Valleskey, Collins, Wis. 12-1

SINGLE COMB BUFF LEGHORNS for sale that lay and pay; bred for both heavy egg yield and standard requirements; quality equal to the best. Prices reasonable. Westview Poultry Yards, Box A, Machias, N. Y. 12-3

D. G. GILLETTE, Proprietor; G. Bass, Manager. Single Comb White Leghorn birds, \$3 to \$5. Satisfaction or your money returned. Richardson, Miss. 12-1

ROSE COMB BUFFS. Fine lot of young stock now ready. Early hatched, farm raised and sold at farmer's prices. Willis Brown, Slipperyrock, Pa. 12-3

YOUNG'S S. C. WHITE LEGHORNS. Some young stock for sale. Write for prices. W. F. Bleakmore, Adena, Ohio. 12-3

R. C. B. LEGHORN cockerels; good birds. Reasonable prices. Mrs. Corda Dildine, Armstrong, Iowa. 12-3

CHICAGO WINNERS. Rose Comb White Leghorns. Exhibition and scored birds. None better. Thos. Brogren, Rush Lake, Wis. 12-1

COCKERELS!—SINGLE COMB Brown Leghorn. A few vigorous exhibition fowls. Write for prices. Parker Leonard, Wood St., Piqua, Ohio. 12-1

DAY OLD WHITE LEGHORN chicks. Pure Wyckoff strain. Vigorous, healthy breeders. Trap nest records, 200 eggs year. Housed in open-front houses. Safe arrival, satisfaction guaranteed. Largest, most modern plant in Michigan. Best references. Circular. Michigan Poultry Farm, Lansing, Mich. 12-3

ROSE COMB WHITE LEGHORN cocks, cockerels, \$1.50 each. Henry Schowe, Jr., New Bremen, Ohio. 12-3

50 SINGLE COMB White Leghorn cockerels. Large, pure white, well shaped, vigorous. Bradshaw-Blanchard strains. \$1.50 to \$3 each. Satisfaction guaranteed. Hoak, the Incubator Man, Ligonier, Ind. 12-3

CHOICE STANDARD BRED Single Comb Brown Leghorn cockerels, \$1 up. Fifteen years a breeder. Addie Whiteside, Memphis, Ind. 12-3

SINGLE COMB WHITE LEGHORN cockerels—Active, thoroughbreds. John Hjelte, DeKalb, Ill. 12-2

SINGLE COMB WHITE LEGHORNS. Young's and Wyckoff's strains. Young and old stock. Prices reasonable. White Feather Farm, New Bremen, Ohio. 10-3

S. C. WHITE LEGHORN cockerels. Easing strain. Hatched from dollar eggs. Prices \$2 to \$5. G. Dixon, West Thirty-third St., Indianapolis, Ind. 12-1

SINGLE COMB WHITE LEGHORNS. Wyckoff and Young's strains direct. Fine exhibition or breeding birds at low prices. J. A. Shineman, Canajoharie, N. Y. 12-3

SINGLE COMB BROWN LEGHORNS—300 for sale from \$1.50 to \$10.00 each; they win for me and my customers; 70 fine cockerels; write me your wants. Eph Bolin, Hammond, Ill. 11-3

SINGLE COMB BROWN Leghorn cockerels, choice ones now; reasonable; write for prices. Dave Gladfield, R. No. 34, Peoria, Ill. 10-4

SINGLE COMB BROWN LEGHORNS—Large, vigorous, standard-bred cockerels. Maple Leaf Poultry Yards, Tunnel City, Wis. 10-3

SINGLE COMB BROWN LEGHORNS—Breeding or exhibition stock from New York, Indianapolis, Illinois state show, Decatur winners; "the best for the price—always." Upland Poultry Farm, Box B, Decatur, Illinois. 11-3

COCKERELS. SINGLE COMB White Leghorns, \$2; Barred Rocks, \$5. Hart Lester, Ransomville, N. Y. 11-3

HERE IS YOUR CHANCE—First cock Illinois State Fair and offspring, all for sale; Wyckoff White Leghorns; bargains in cockerels. Clar. Root, Springfield, Ill. 11-3

S. C. WHITE LEGHORNS—Winners at leading shows for 27 years. Choice stock for sale; write your wants. J. H. Kollmeyer, Quincy Heights Poultry Farm, Quincy, Ill. 11-3

SINGLE COMB WHITE LEGHORNS—Am one of largest breeders in Northwest. Winners of large majority prizes Minnesota State Fair, Minneapolis and St. Paul shows. Henry Hintermister, Room A, 553 Wabasha St., St. Paul, Minnesota. 11-3

GRAND LOT S. C. WHITE Leghorn cockerels; bred from Ill. State Show winners. Mrs. I. A. Francis, Paris, Ill. 11-3

S. C. W. LEGHORN cockerels for sale, pure white prize winners; bred from a strain of heavy layers, of large pure white eggs; price \$2.00 to \$5.00 each; satisfaction or money refunded; I guarantee to save you one-half. Homer Garges, Iuka, Ill. 11-3

SINGLE COMB WHITE LEGHORNS—Hens, 75c; cockerels, 90c. William Vercler, Chenoa, Ill. 11-2

S. C. W. LEGHORNS cockerels, parent birds score to 96; Wyckoff strain, \$2.00 each. A. L. Ackerman, R. 6, Rich Hill, Mo. 11-3

NONE BETTER—Rose Comb White Leghorns, cockerels and hens, \$2.00 each; write. J. Peters, Lincoln, Ill. 11-3

REDUCTION SALE ON SINGLE Comb Buff Leghorn hens; 250 egg strain; get our prices. Buff Leghorn Poultry Yards, Brunswick, Ohio. 11-3

S. C. BUFF LEGHORNS; four yearling cocks; twenty hens. This year's breeders. Also fifty fine cockerels for sale; our strain winners Cleveland, Toledo and Youngstown, Ohio. S. E. Shipman, North Girard, Pa. 10-4

LEGHORNS, BLACKS AND BUFFS—Reasonable. Bred from Chicago, Omaha, Kansas City, Minneapolis winners. Nick Fuse, Naperville, Ill. 11-3

TEN DOLLARS DOZEN White and Brown Leghorn Females. Cooperative Poultry Co., Lewis-town, Ill. 10-3

SINGLE COMB BROWN Leghorn cockerels, choice ones now. Reasonable. Write for prices. Dave Gladfield, R. No. 361, Peoria, Ill. 10-3

H. C. WACK, Coshohocken, Pa. Route 1. Fine cockerels from my heavy laying S. C. W. Leghorns, \$3.00 and up. Last season my stock won at Morristown, Sellersville, Reading, East Greenville and Philadelphia. 10-3

SINGLE COMB SNOW WHITES. Cockerels from world's greatest laying and winning strains. Egg line and Young's separate. Reasonable prices. Satisfaction guaranteed. Egg Line Yards, Catawissa, Pa. 10-3

FOR SALE—S. C. WHITE Leghorn Cockerels. Farm raised utility, \$1.00 and \$2.00 each. Good breeders, \$2.50 and \$5.00 each. J. M. Briggs, Wakeman, Ohio. 10-3

SINGLE COMB WHITE LEGHORNS, Young's strain, pure white, no brass, 600 birds. Cockerels, trios and pens from exhibition or heavy winter laying pens. Very reasonable prices. Bert Michaels, Tiffin, Ohio. 10-3

COCKERELS—ROSE COMB Brown Leghorns of quality, \$2, \$3. Golden Gate Farm, Lafayette, Ind. 10-3

FANCY ROSE COMB WHITE LEGHORNS. Bred from my 1st pen at St. Louis, 1909. The cream of the country. Write your wants. Geo. A. Rigler, Bantonsport, Iowa. 10-3

S. C. BROWN LEGHORNS. Fine, large, early cockerels. Price and quality right. Mrs. John Dietrich, Borden, Ind. 10-3

SINGLE COMB BROWN LEGHORNS, grand lot cockerels. Queen Quality Poultry Farm, Miss Maggie Sword, Prop., Pekin, Indiana. 10-3

SINGLE COMB WHITE LEGHORNS. Cockerels, pullets and yearling hens, \$1.00 each. Satisfaction or money back. Sunbeam Poultry Yards, 1739 Iowa St., Oshkosh, Wis. 10-4

YOUNG'S STRAIN Single Comb White Leghorns—Send for circular and winnings; guarantee satisfaction. Frank M. Griffith, Short Creek, Ohio. 11-3

ORPINGTONS.

TWELVE AND FIFTEEN DOLLARS dozen Buff Orpington females. Cooperative Poultry Co., Lewistown, Ill. 12-3

60 BLACK ORPINGTONS, 1910, comprising winning blood of America. For eggs, color, size can't be beat. Prices right. Also few Crystal Whites. T. A. Noonan, Wyoming, Ohio. 12-3

KELLERSTRASS CRYSTAL WHITE ORPINGTON cockerels. Big, strong fellows. March and April hatched. Fine birds at \$3 each. Pullets, \$2 each. Eggs, \$2 per 15; \$6 per 100. H. E. Thompson, Portales, New Mexico. 12-1

"GOLDEN ROD" BUFF Orpingtons. Up to and above standard weight. Score, ninety to ninety-five. Write for catalogue. Richard Seward, Originator, Smithfield, Ill. 12-3

SINGLE COMB WHITE ORPINGTON cockerels, four months' old, \$1.50 each. The Hammett Orpington Farm, Chas. Hammett, Manager, Mansfield, Ohio. 11-2

ORPINGTONS.

SINGLE COMB BUFF ORPINGTON cockerels from high bred matings, \$2 to \$5 each. C. R. Conner, Victoria, Ill. 12-3

SINGLE COMB BUFF ORPINGTONS. Size, shape and color. Young and old stock, \$2 up. Egg circular in season. Tulloch Bros., Barnard, Mo. 12-1

THE ORPINGTONS' HOME. Kellerstrass and Bryers' strain of Whites. Whitaker's and Wilkerson's strain of Buffs. Some very choice cockerels at 5 to 10 dollars. Pullets at 3 to 5 dollars. A few one and two-year-old hens and cocks at 3 to 10 dollars. Also 25 fine Barred Rock pullets at a bargain. Eggs in season. Address The Orpingtons' Home, Box 592, Chariton, Iowa. 12-1

SINGLE COMB BUFF, BLACK, White and Rose Comb Whites. Big bargains in breeding stock. Some excellent youngsters for sale. Dr. Evans, LeGrand, Iowa. 11-3

KELLERSTRASS STRAIN White Orpington cockerels, \$1.50 to \$5. Edward A. Zerbst, St. Joseph, Mo. 12-1

BUFF ORPINGTONS. Cockerels, \$3; pullets, \$2. Golden Buff. O. Hooper, L. B. 396, Lancaster, Mo. 12-1

KELLERSTRASS AND COOK strain White Orpington cockerels, \$3 up. Bargains. B. F. Bullock, Fredericksburg, Va. 12-3

IF YOU WANT a fine Black Orpington or Houdan cockerel, write H. Merriam, Ashburnham, Mass. 12-2

FOR SALE—First prize pen R. C. Buff Orpingtons, \$15. Choice hens, \$2. R. C. Buff, Black and White Orpingtons. Birchwood Poultry Farm, Westbrook, Me. 12-1

KELLERSTRASS STRAIN White Orpingtons. Scored birds. All guaranteed. Thos. Brogren, Rush Lake, Wis. 12-1

BLACK ORPINGTONS. Good size, shape and color. Fred Alger, Waukau, Wis. 12-3

SINGLE COMB BUFF Orpington pullets, \$1.50 each. W. L. Reamer, Powhatan Point, Ohio. 12-1

FOR SALE—100 good S. C. White Orpington cockerels, Cook and Kellerstrass strains, \$2 to \$5 each. W. B. Myers, Wayne City, Ill. 12-3

MY BUFF AND BLACK ORPINGTON pullets at one dollar up. Cockerels, three dollars up. Will please you. Buff cock, ten dollars. Ask for description. W. H. Nation, Muncie, Ind. 12-1

DUKE KENT Single Comb Black Orpingtons. Winners. Cockerels, eggs. Reasonable prices. Horace Phillips, Kewanee, Ill. 12-1

100 S. C. BUFF ORPINGTON cockerels at \$1 and \$2 each if taken soon. Eggs in season, \$1.50 setting. L. C. West, Dallas Center, Iowa. 12-3

BUFF, WHITE, Black Orpingtons—At the Poughkeepsie, N. Y., Fair, Sept., 1910, where a total of 3,900 birds of all breeds were exhibited, we won 25 prizes out of a possible 30. At the Brockton, Mass., Fair, Oct., 1910, usually conceded to be one of the two best, if not the best, of the fall shows in the U. S., we won 31 prizes, including a Grand Special for best Display of Orpingtons, a total at the two shows of 56 prizes. We have the quality that will produce winners for any show. A few Buff and Black yearling cocks, also White and Buff cockerels, for sale at low prices to make room. Eggs after January 1st. Day-old chicks about March 1st. Send for egg and day-old chick circular to be issued soon. Our incubator system is the best known. Particulars in circular. Grannis Brothers, R. F. D. 12, La Grangeville, Dutchess Co., N. Y. 1-10-1 yr

YOUNG BLACK ORPINGTONS, ONLY \$1. Orpington Yards, Delavan, Wis. 12-1

HIGH SCORING HEAVYWEIGHT BLACK ORPINGTONS a specialty. Young show stock now ready. Orpington Yards, Delavan, Wis. 12-1

BEAUTIFUL DIAMOND JUBILEE ORPINGTONS. First at Chicago, Cincinnati, Indianapolis. Orpington Yards, Delavan, Wis. 12-1

KELLERSTRASS WHITE ORPINGTONS—Old and young stock. Alice Rawson, Big Rock, Ill. 12-2

FINE ROSE COMB White Orpington cockerels, verp cheap. Orpington Yards, Delavan, Wis. 12-1

BUFF ORPINGTONS. Exhibition cockerels. Large size, good color. Reasonable prices. J. C. Schaefer, Freeport, Ill. 12-3

CRYSTAL WHITE ORPINGTON cockerels for sale. This stock is from eggs direct from Kellerstrass. \$3 to \$10 each. Miss Alma Eichelmann, R. 4, Waterloo, Ill. 12-1

SINGLE COMB WHITE, Black and Buff Orpingtons. Book your orders for eggs now. "Van," Milford, Iowa. 12-3

KELLERSTRASS STRAIN WHITE ORPINGTONS. We have for sale cockerels, pullets and some yearling hens bred from Kellerstrass famous pen of thirty hens. If you want a fine Kellerstrass cockerel to head your best pen I can please you. T. E. Lockbridge, Liberty, Ind. 10-3

FOR SALE—EARLY HATCHED White Orpington pullets with score cards. Mrs. E. E. Probeck, 806 Wenuah Ave., Oak Park, Ill. 12-3

KELLERSTRASS CRYSTAL WHITE Orpingtons; also Light Brahmas; thirty years a breeder. Geo. Luhrsens, Sadorus, Ill. 11-3

COCKERELS, SINGLE COMB Buff, farm-raised; \$2.00 each. Lida Martin, Ripley, O. 11-3

BUFF AND WHITE Orpingtons—Stock from grand cockerel, direct from Cook; prices right. E. E. Webster, Washington, Ill. 11-3

SINGLE COMB WHITE ORPINGTONS and Barred Rocks—Extra fine birds at reasonable prices. B. Wenk, Washington, Ill. 11-3

KELLERSTRASS WHITE ORPINGTON cockerels, three dollars up. H. B. Hutchinson, Olympia, Wash. 11-3

SINGLE COMB WHITE ORPINGTONS—For vigorous, typical pure bred birds, inquire of S. S. Kanaga, Taylorville, Ill. 11-3

DIAMOND JUBILEE AND BLACK Orpingtons. Beauties, grand layers, large birds; fine specimens for sale; eggs in season. Rev. W. Berberich, Peotone, Ill. 11-3

CRYSTAL WHITE ORPINGTON cockerels, Kellerstrass strain; \$2.00 up; eggs booked for spring, 10c each. Clayton Williams, Andover, N. Y. 11-2

SEND TEN CENTS FOR New Illustrated Catalog, just out, with history of the Orpingtons and hints on poultry keeping; originators of all the Orpingtons. William Cook and Sons, Box A, Scotch Plains, New Jersey. 11-10-1f

SINGLE COMB BUFF ORPINGTON COCK-ERELS—Bred from stock direct from Cook; \$2 to \$5. H. V. Wynd, Mt. Pulaski, Ill. 11-3

KELLERSTRASS STRAIN CRYSTAL White Orpington cockerels, spring hatch, very choice, heavy boned birds; prices reasonable; have no female stock for sale. Harvey Brown, Lock Box 441, Highmore, So. Dak. 11-3

FOR SALE—S. C. WHITE Orpingtons, Cook's strain; also Crystal White Orpingtons, Kellerstrass strain; price \$5 and up. Mrs. J. H. Weaver, Winamac, Ind. 11-3

S. C. BLACK ORPINGTONS—Stock for sale; eggs for hatching in season; send for list of winnings and description of stock; blue ribbon winners. T. O. Evans, Dousman, Wis. 11-3

S. C. CRYSTAL W. ORPINGTON cockerels for sale; Kellerstrass strain exclusively; early hatched; \$3.00 to \$5.00. L. C. Claybrook, Martinsville, Va. 11-2

KELLERSTRASS WHITE ORPINGTONS—Stock for sale. Mrs. J. M. Stokes, R. D. 4, Kankakee, Ill. 11-3

FOR SALE—FINE LARGE S. C. White Orpington cockerels, sons of first Indianapolis cockerel, 1910. Clarence B. Wilson, Aurora, Ind. 11-2

S. C. BUFF ORPINGTONS—Yearling hens, one fifty to two dollars; cockerels, two dollars up; trios, five dollars up; two cocks; stock shipped on approval. C. F. Vosburgh, Westfield, Pa. 11-3

SINGLE COMB WHITE ORPINGTONS. Kellerstrass strain; the better kind; cockerels and a few pullets for sale; eggs and chix Jan. 1. Clover Lawn Poultry Yds., Box 6, Delhi, Ill. 11-3

FOR SALE—S. C. BUFF Orpingtons, Cook strain direct; 100 choice hens, \$2 each; 10 fine cocks, \$3 and \$5 each; 100 cockerels and pullets, \$2 each. B. S. Long, Little Sioux, Ia. 11-3

ORPINGTONS—BLACK AND WHITE; properly mated pairs, trios or pens; write me your wants. Walt Arnold, Le Grand, Ia. 11-3

SINGLE COMB BUFF ORPINGTON cockerels and pullets at a bargain. Need the room. Look up my show record. Satisfaction or money returned. Dr. Powell, Elsberry, Mo. 11-3

EIGHTY ACRES of Kellerstrass Crystal White Orpingtons. Exceptional values in cockerels. White Feather Farm, Liberty, Ind. 11-3

75 SINGLE COMB White Orpington cockerels, Kellerstrass strain. These big robust fellows need to be seen to be appreciated. Farm raised. Prices reasonable. John S. Leach, Hartford City, Ind. 10-3

KELLERSTRASS WHITE ORPINGTONS. Young stock for sale. Write your wants and I will try to please you. Shadyside Poultry Farm, Henry J. Moore, R. D. 1, Waynesburg, Pa. 10-3

WHITE ORPINGTONS OF QUALITY. Winners of 11 firsts and 2 cups. Young stock for sale. Write your wants. Sheldon Wolf, Washington, Pa. 10-3

SPECIAL SALE—KELLERSTRASS White Orpington cockerels. Five dollars each. Satisfaction guaranteed. Edward Buss, Janesville, Wis. 10-3

S. C. BUFF ORPINGTONS. Bred from stock direct from Cook & Sons. Cockerels and pullets, \$1.50 each. Mrs. J. E. Grinstead, Route 3, Danville, Iowa. 10-3

CRYSTAL WHITE ORPINGTON cockerels from \$100.00 pen direct from Kellerstrass. Great bargain! Also 500 S. C. Buffs. Alice Morris, Big Rock, Ill. 10-3

S. C. W. ORPINGTON cockerels; large, thoroughbred, specially fed. Eggs, \$3.00 per 15, until 1911. Hill Side Poultry Plant, 909 N. Walnut St., Champaign, Ill. 10-3

CRYSTAL WHITE ORPINGTON cockerels for sale, \$3.00 up, March, April hatched. Chas. McWhorter, Wakeman, Ohio. 10-3

VERY CLASSY Single Comb Golden Buff and Crystal White Orpingtons. Yearlings and young stock. Won thirty prizes in 1909. J. L. McDavid, Hillsboro, Ill. 10-3

SINGLE COMB BLACK ORPINGTON cockerels. Prices reasonable. C. N. Hambleton, Jeffersonville, Ill. 10-3

KELLERSTRASS STRAIN White Orpington cockerels, early hatched, \$2.00 to \$5.00. Frank Warwick, Waterloo, N. Y. 10-3

SINGLE COMB WHITE ORPINGTON cockerels \$2, upward. White Feather Farm, New Bremen, O. 10-3

S. C. BUFF ORPINGTON cockerels bred from stock direct from Cook, \$3.00 and \$4.00 each. Frank Myers, Oakwood, Ohio. 9-4

SINGLE COMB WHITE ORPINGTONS—Eggs at all times, \$3 for 15, \$5 for 30. Cook or Kellerstrass strain. G. H. Torrey, 2611 West 15th St., Chicago. 1-10-1-yr.

SPECIAL PRICE on White Orpington eggs from eight select pens. No better to be found. See display ad on another page. Brookdale Farm, Hillsdale, Mich. 5-10-1f

RHODE ISLAND REDS.

RHODE ISLAND REDS. Cockerels, 2 and 3 dollars. Mrs. Black, Meredosia, Ill. 12-3

SINGLE COMB RHODE ISLAND Red cockerels and Pekin ducks for sale, \$1 each. Mrs. Mary Sawtell, Colo, Iowa. 12-1

S. C. RHODE ISLAND REDS. Fine stock. The Red kind. Cockerels, \$1 and up. Pullets, \$2 and up. Write for information. O. J. Myre, Elkton, Minn. 12-3

SPECIAL SALE OF COCKERELS—50% discount. No culis. Every bird sired by Originator the Fourth, the sire of my State and National (Chicago-Toronto) prize winners. Do you know that there are not six blood lines in existence the equal of mine? Myron B. Seward, Cleveland, Ohio. 12-1

A FINE LOT of S. C. Black Orpington cockerels, sired by first cock at Buffalo, for sale at \$2 to \$10 each. Vernon Mathews, Vineyard, New York. 12-2

PURE BRED ROSE Comb Rhode Island Red cockerels and pullets, \$1.50 up \$2. Effie Hill, Achilles, Kan. 12-1

ROSE COMB RED cockerels. Superb in color and shape. Direct from Buschmann's best pens. Dr. A. M. Taylor, Elsberry, Mo. 12-3

FOR SALE, CHEAP—Thompson's strain Single Comb Rhode Island Red cockerels. Paul Wilke, Forest Park, Ill. 12-2

CORNISH QUALITY Reds are the world's best Reds. Satisfaction guaranteed. See advertisement page 1336. 5-10-1f

FOR SALE—30 S. C. R. I. Red cockerels, March hatched. Will be scored by Hemlich December 24. Tompkins' strain. Herbert Hodges, Albion, Ill. 12-2

ROSE COMB REDS—Trap-nested for great egg production. Beautifully illustrated descriptive catalogue, all about prize winning Reds, free. Iowa Poultry Yards, Gilmore City, Iowa. 12-6

BRED TO LAY—R. C. R. I. Red cockerels, Tuttle strain, \$2 up. Farm range. W. E. Spiegel, Mondamin, Iowa. 12-3

ROSE AND SINGLE COMB RED pullets and cockerels. Better than ever. Pure Tompkins strain. Dr. W. C. Bradshaw, Ogden, Iowa. 11-3

ROSE COMB REDS, good shape, size and color; cockerels, \$1 up; pullets, \$15 dozen up. Thos. Agnew, Cannon Falls, Minn. 11-3

R. C. RHODE ISLAND Reds—Winners at Kankakee and Illinois State Fairs; stock for sale. W. W. Mallatt, Sheldon, Ill. 11-3

SINGLE COMB REDS—Fine young stock for sale. Ben Neiman, Noblesville, Ind. 11-3

SACRIFICE SALE OF Red Cockerels, both combs; fine large, lusty fellows; \$1 and up; write me your wants at once. Frederick H. Lind, Garden Grove, Ia. 11-3

SINGLE COMB RHODE ISLAND RED cocks, hens, cockerels. Fine stock. Prices reasonable. L. D. Hopkins, Big Suamico, Wis. 10-3

REDS, BOTH COMBS—Farm raised, cockerels, \$2 up; trios, \$5 up; plenty of exhibition cockerels; money back if not satisfied. Jasper Moorlag, Vandalia, Mich. 11-3

RHODE ISLAND REDS.

MAPLECROFT SINGLE COMB RHODE ISLAND REDS win at all the leading shows. At The North Westchester Horse and Cattle Show, New York, 5 first, 5 second and 5 third prizes, a clean sweep also silver cup for best display in a strong class. At the great Danbury Fair, Conn., 4 first, 3 second and 2 third prizes. Choice breeding pens a specialty; cockerel and four pullets at \$17, \$21 and \$25; cockerels, \$5 and upwards; utility laying pullets, \$2 each. "It pays to buy the best." J. G. Dutcher. Address: Maplecroft Farms, Pawling, Dutchess Co., N. Y. 11-2

TEN TO FIFTEEN DOLLARS DOZEN Rhode Island Red Females. Coöperative Poultry Co. Lewistown, Ill. 10-3

SINGLE COMB Rhode Island Red cockerels for sale from silver cup winners. Prices reasonable. Wm. Ginn, Delphi, Ind. 10-3

DeGRAFF REDS—BIG, LUSTY, free-range-raised stock. Also Brown and White Leghorns, Plymouth Rocks, Pekin Ducks. Exhibition quality. Low price. Satisfaction guaranteed. Bargain circular. Jay Crawford, Frazeysburg, Ohio. 10-3

S. C. RHODE ISLAND REDS. March cockerels, \$1.50 to \$2.00. From prize winning strain. Mrs. Lorinda B. Hyde, Marshfield, Mo. 10-3

RHODE ISLAND WHITES.

RHODE ISLAND WHITES are gaining in popularity daily; our 1910 youngsters are beautiful; get started for 1911 with a trio or pen; free catalogue. E. C. Bartlett, Box 600, Boro-dino, N. Y. 11-3

MINORCAS.

McCONNELL'S ROSE COMB BLACK MINORCAS. Pedigree stock. Show specimens. Greatest utility laying strain. Catalogue free. S. A. McConnell, Steubenville, Ohio. 12-10-1 yr

ROSE AND SINGLE COMB Black Minorcas. If you want size, shape and color at live and let live prices, state your wants. Chas. Derr & Co., Litchfield, Mich. 12-3

NORTHUP'S MINORCAS—The world's best. List free. Buy direct from Marcus Allen Northup, Orangeburg, N. Y. (formerly with Geo. H. Northup & Son). 12-3

ROSE COMB WHITE MINORCAS—Cockerels from state winners for sale. Frank Fellwock, Monett, Mo. 12-2

SINGLE COMB BLACK MINORCAS exclusively. Fine young stock and eggs from winners at Madison Square, Cleveland, Cincinnati and Toledo. Al. Renner, Coshocton, Ohio. 12-3

ST. LOUIS WINNERS Rose Comb White Minorcas. Scored birds. None whiter. Thos. Brogden, Rush Lake, Wis. 12-1

WHITE MINORCAS—Two years at Madison Square we won every first except one. Large typical youngsters for sale reasonable. Harvey J. Tietz, Gloversville, N. Y. 12-3

ROSE COMB BLACK MINORCAS—5 cocks, 50 hens and 50 cockerels for sale; trapped stock with the best blood lines in America. Frank Muesel, Jefferson, Wis. 11-3

FINE STOCK FOR SALE of Rose Comb Black Minorcas, Northrup strain; 50 choice breeding hens, 2 cocks, a few pullets and cockerels; write your wants. B. D. Staley, Chambersburg, Pa. 11-3

MINORCAS—ROSE COMB Black Minorcas, Northrup strain; choice cockerels for sale. E. T. Clouser, Watervliet, Mich. 11-3

A FEW CHOICE ROSE Comb Black Minorca cockerels at reasonable prices. Albert Krauss, Mears, Mich. 11-3

FOR SALE—Some choice Single and Rose Comb Black and Single Comb White Minorca cockerels, well bred and good birds. Write for prices. Frank Littebrant, Hart, Mich. 11-3

MINORCAS, S. C. BLACK—Winners of 116 premiums, including Ohio State Championship last season; the quality stock you want, guaranteed to please. Chas. W. Helman, Waverly, Ohio. 11-3

FOR SALE—SINGLE COMB Black Minorcas from trapped hens and of the great egg producing Bluegrass strain. R. S. Oetzel, New Richmond, Ohio. 10-3

FOR SALE—March and April hatched Single Comb Black Minorca cockerels and pullets. Bred from prize winners. Satisfaction guaranteed. Gus. Steffen, Bismarck, Mo. 10-3

ROSE COMB BLACK MINORCAS exclusively, Northup, Sutton, Mishlers strains; 14 years breeding this stock exclusively. Will win in strongest competition. Insure satisfaction. Send for circular. J. D. Stevenson, Coshocton, Ohio. 9-4

ST. LOUIS WINNERS—ROSE COMB White Minorcas; exhibition and fancy breeders. Thos. Brogden, Rush Lake, Wis. 11-1

ANCONAS.

MOTTLED ANCONAS. A few cockerels sired by the 2nd cockerel at Madison Square Garden, 1909. Mrs. Ada Bereiter, Brighton, Iowa. 12-3

HIGH QUALITY ANCONAS for sale. Kearns-Preston Poultry Plant, Ripley, O. 12-1

ANCONAS—SINGLE COMB cockerels, for sale, reasonable. Leo. Van Hess, R. 5, Box 47A, South Bend, Indiana. 11-3

ANCONAS—Both Combs; marvelous egg-producers; I won every 1st and 2nd at Chicago; have you sure winners? Write me. Dr. Guy Blencoe, Vice President International Ancona Club, Alma Center, Wis. 11-3

BURNHAM'S ANCONAS—WINNERS wherever shown; greatest layers; grand cockerels, trios and pens for sale; correspondence invited. H. L. Burnham, Strongsville, Ohio. 11-3

PRIZE-WINNING MOTTLED ANCONAS exclusively. Fine stock for sale in pairs, trios and pens, from the very best laying strains. Fairview Poultry Yards, G. H. Hubbard, Lock Haven, Pa. 10-3

ANCONA COCKERELS. Winning strain. High quality. Low price. P. E. Gregoire, Newton, Ill. 10-3

SHEPPARD'S FAMOUS ANCONAS, Berea, Ohio. The world's best. See display advertisement, second last page. 10-6

LANGSHANS.

WHITE LANGSHANS. Fine large cockerels and pullets. Prize winners. Prices reasonable. Henry Brockschmidt, Freistatt, Mo. 12-1

"PEERLESS" WHITE LANGSHANS. Special clearance sale, including high scoring exhibition birds at reduced prices. Kearns-Preston Poultry Plant, Ripley, Ohio. 12-1

BLACK LANGSHANS—Some extra fine show birds, with score cards; also a lot of choice breeding stock for sale. M. S. Barker, Box 20, Thorntown, Ind. 11-3

U-NEED BREEDERS for better Black Langshans; I have that kind; winners and layers; write. Arthur Fretz, Canal Dover, O. 11-3

BLACK AND WHITE LANGSHAN cockerels, \$1 to \$3 each. J. E. Adams, Hutsonville, Ill. 11-3

BLACK LANGSHANS exclusively scored cockerels for sale. Mrs. M. L. Shroyer, New Windsor, Ill. 11-3

WHITE LANGSHANS bred from the first prize cockerel of the Illinois State Show; scored 94½, by Rhodes. Both young and old stock for sale. Pairs, \$4; trios, \$5; pens of 5 hens and cock, \$10. Cedar Lawn, R. 2, Rutland, Ohio. 10-3

HOUDANS.

HOUDANS—CLOSING OUT SALE. 24 fine year-old hens, \$3 and \$4 each. W. C. Snider, Bunceton, Mo. 12-1

5 HOUDAN HENS and one cock; winners of first at Pittsburg and Beaver Valley; for sale reasonable. Dosh Anderson, Beaver, Pa. 12-2

HOUDANS—Fine pullets, \$2. Eggs in season. Weber Bros., Maugansville, Md. 12-3

MAGNIFICENT HOUDANS—A few pairs, four dollars. W. Charles, Hornell, N. Y. 11-3

HOUDANS—Some dark cockerels from McAvoy's No. 1 Pen, for which I paid him \$25.00 a setting. They are dark, long backed, vigorous show birds and will please most exacting. R. A. Church, Seneca Farm, Lock Box 258, Davenport, Iowa. 10-3

HAMBURG.

BREITWIESER'S SILVER SPANGLED Hamburgs. First pen Wisconsin State Show, and their produce 2 silver cups, 35 ribbons. Score, 96. Breitwieser's Poultry Yards, Buffalo, N. Y. 12-3

UTILITY OR EXHIBITION Silver Spangled Hamburgs. Good enough to win in local or national shows. Tamarack Poultry Farm, South Milford, Ind. 12-3

SILVER SPANGLED HAMBURG cockerels, \$1.50 to \$5.00 each. Frank Heilman, North Judson, Ind. 11-3

SILVER SPANGLED HAMBURG—40 good cockerels, \$1.25 up. Chas. Laughlin, Bloomfield, Ind. 11-3

SILVER SPANGLED HAMBURGs, "Black Diamond" strain. Two firsts at Madison Square. More firsts at Columbus, Mansfield, Greenwich, Detroit than all competitors. Show birds. Breeders. Circular. Will L. Clark, Sullivan, Ohio. 10-3

COCHINS.

BUFF COCHINS. Rich in color, heavy feathered kind. No better chicken on earth for the town or table. Luther Ulum, Keswick, Iowa. 12-1

PARTRIDGE COCHINS—Prize winners, young and old stock, at reasonable prices. A. F. Lehman, Toulon, Ill. 11-2

FISH'S BUFF AND PARTRIDGE Cochins are continuous and consistent winners at the large shows. Better than ever. Great balls of massive feathering. Write wants today. E. J. Fish, Strongsville, Ohio. 12-3

HIGH GRADE Partridge Cochins exclusively, \$1.00, up. E. C. Jolly, Franklin, Ill. 9-4

BANTAMS.

BLACK, BUFF, WHITE and Partridge Cochins Bantams. Walter Schafer, Mt. Pulaski, Ill. 12-3

PRIDEAUX'S PARTRIDGE COCHIN Bantams. Birds for sale. Eggs in season. Circular. John D. Prideaux, Benton Harbor, Mich. 12-3

PARTRIDGE COCHIN BANTAMS, from my St. Louis winners. L. Beechler, 328 Lincoln, Springfield, Ill. 11-3

WHITE JAPANESE SILKIES. The great ornamental fowl. Old and young birds for sale. G. W. Kinter, Route 1, Dillsburg, Pa. 11-3

COCHIN BANTAMS—White, Black, Nabob strain. None better. Dr. Marsh, Brownsburg, Ind. 11-3

EXHIBITION JAPANESE BANTAMS, Black Tails White, Black, Golden Seabrights. Stock for sale. Hez. Kinter, Dillsburg, Pa. 10-3

LIGHT BRAHMA BANTAMS—Finest flock in the world to choose from. Winners at leading shows. A few show birds and breeders for sale. No eggs. J. Hart Welch, Box C, Douglaston, Long Island. 1-10-1 yr.

RARE BARGAINS IN GOLDEN and Silver Sebright, Buff and Black Cochins Rose Comb Black and Black Red Game Bantams. Proper & Son, Schoharie, N. Y. 8-10-1 yr

POLISH.

TWO DOLLARS EACH White Crested Black and Golden Polish cockerels. Coöperative Poultry Company, Lewistown, Ill. 12-1

WHITE CRESTED BLACK Polish cocks, cockerels and trios. T. Kuechenmeister, 4838 Cullom Ave., Chicago, Ill. 11-3

WHITE CRESTED BLACK POLISH. Catalogue free. Snowball Poultry Yards, Ft. Wayne, Ind. 11-3

GAMES, AS NEAR PERFECTION as can be raised. Indians, Black, Reds, and Heathwoods. Send for circular and prices. Mention Journal. C. D. Smith, Fort Plain, N. Y. 11-3

SUPERB WHITE INDIAN GAMES. A few pairs four dollars. W. Charles, Hornell, N. Y. 11-3

LIGHT BRAHMAS.

LIGHT BRAHMA cockerels, good quality. Show stock a specialty. Circular. J. W. Schreiber, Sibley, Iowa. 11-3

RED CAPS.

IMPORTED ENGLISH RED CAPS. Old and young stock for sale. Raymond Weidenfeller, Mineral Point, Wis. 11-3

ANDALUSIANS.

BLUE ANDALUSIANS. Winners Hagerstown, Allentown, Baltimore, Jamestown, Washington. H. Council, Specialist, Warrenton, Va. 11-7

BUCKEYES.

BUCKEYES EVENTUALLY! WHY DELAY? Beautiful "Kentucky Cardinal" strain. Eugene Cowles, Shelbyville, Ky. 11-3

AMERICAN DOMINIQUEs.

AMERICAN DOMINIQUEs. AT NEW YORK, December, 1909, our birds won four of the five first prizes offered. Stock for sale. Price list free. William Davenport, Colrain, Mass. 10-3

BUTTERCUPS.

H. V. MEEKER, TOLEDO, OHIO, has a carefully selected strain, special prices. 10-3

GAMES.

EXHIBITION BLACK BREASTED Game for sale. A fine bunch, cheap. H. C. Wittmer, Lake Benton, Minn. 12-3

SILVER DUCKWINGS, BLACK, RED Games. Choice birds for sale. Circular, stamp. Clark C. Price, Rochester, Mich. 12-2

GAMES, GAFFS, COCKERS' SUPPLIES. Stamp for illustrated catalogue. H. P. Clarke, Mansure Building, Indianapolis, Ind. 9-10-1 yr

PIT GAMES—SIX STRAINS. The best that experience can produce—winners everywhere. Send for circulars. Also cockers supplies. W. C. Byard, Walnut Hills, Cincinnati, Ohio. 10-3

CORNISH FOWL.

CORNISH INDIANS, \$2.00 each. W. Grinyer, Elroy, Ill. 12-2

CHOICE CORNISH COCKERELS, sired by first cockerel at Cleveland. Write your wants and I will quote prices. All birds sold on approval. Dr. R. B. Munn, Box 132, Hampshire, Ill. 11-3

BABY CHICKS.

BABY CHICKS—WHITE LEGHORNS, White and Barred Rocks, White Orpingtons and Rhode Island Reds, \$15 per hundred and up. Order now for early chicks. Will County Hatchery, Joliet, Ill. 12-1

JAMISON BROS., THE BABY CHICK SPECIALISTS, are offering a discount of 5% on all orders booked before January first. S. C. W. Leghorns, Young's direct, 12c; R. I. Reds, Hen-son's, 15c; W. P. Rocks, Fishel's direct, 15c. March and April delivery. February delivery, 2c extra. Safe arrival guaranteed. Robin Hood Poultry Yards, Havre de Grace, Md. 11-3

TURKEYS.

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 1431. 2-1f

MAMMOTH BRONZE TURKEYS. Young toms, \$3.50; hens, \$2.50. L. Johannessohn, Beltrami, Minn. 12-3

GIANT BRONZE TURKEYS for sale. Sired by first Hagerstown tom. Sugar Grove Farm, Elk Lick, Pa. 12-3

MAMMOTH WHITE HOLLAND Turkeys from leading strains and show winners. Large frame, snow white and wonderful layers. Low priced, quality considered. H. W. Anderson, Stewartstown, Pa. 12-4

BRONZE TURKEYS. Young toms for sale. Wm. Campbell, R. D. 4, Pinckneyville, Ill. 12-1

STOP, LOOK, LISTEN—Fine young White Holland Turkeys raised from birds which won first at Iowa State Poultry Show in 1909-10, winning 3 firsts out of 4 entries. Amasa Roberts, Bentonsport, Iowa. 12-3

MAMMOTH BRONZE TURKEYS. Bred from prize winners. Large boned, well marked. Young toms, \$5 to \$8; hens, \$3. Bertha Moore, Fremont, Ind. 12-3

CHOICE BRED BRONZE Turkeys; mated unrelated. Worl Brothers, Box 45, Green's Fork, Ind. 12-3

MAMMOTH WHITE HOLLAND Turkeys from leading strains and show winners. Large frame, snow white with pink legs. Benj. Stapleton, Indian Springs, Ind. 12-3

ATTENTION, TURKEY RAISERS! Our standard strain of Bronze Turkeys are money makers. Buy your stock of us. 100 for sale. Moser Bros., Box T, Claysville, Pa. 12-3

MAMMOTH BRONZE TURKEYS. Large, vigorous, well marked. America's best strains. Mated not akin. Hens, \$3.50 to \$5; toms, \$5 to \$10; yearling toms, \$10. Satisfaction guaranteed. Hoak, the Incubator Man, Ligonier, Ind. 12-3

WHITE HOLLAND TURKEYS, \$8 a pair. Winnie White, R. R. 1, Watson, Ill. 12-3

BRONZE TURKEYS, LARGE FRAME, big boned birds. Pearl guineas. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 11-3

MAMMOTH BRONZE TURKEYS. Yes, lots of them cheap for the next 30 days; also Buff Rocks. Write me for prices, description and sample feathers. Samuel Elkins, Route 10, Montpelier, Ind. 11-3

BOURBON RED TURKEYS. Extra fine toms. \$5.00; hens, \$3.00. W. M. Keller, Route 1, Portville, N. Y. 11-2

BRONZE TURKEYS. First prize winners at Illinois and Missouri state shows and other leading shows. Send for price list. William Ringhouse, Route 2, Box E, Havana, Ill. 11-3

160 MAMMOTH BRONZE TURKEYS, raised from first and second toms at Chicago and Minneapolis. Have raised toms weighing to 48 pounds. Barred Plymouth Rocks raised from Chicago prize winners. Forde Bros., Mabel, Minn. 10-3

AMERICA'S LEADING WINNERS in Giant Bronze Turkeys and Partridge Wyandottes. See our ad. on page 1032. 2-1f

DUCKS.

ENGLISH GRAY CALL Ducks for decoys or breeding, \$5 per trio. C. Olcott, Marengo, Ill. 12-1

FOR MAMMOTH PEKIN DUCKS of quality write J. W. Grier, Coldwater, Ohio. 12-3

INDIAN RUNNER DUCKS. Best laying strains. Drakes, \$1.50 to \$2; hens, \$2; trios, \$5. Satisfaction guaranteed. Hoak, the Incubator Man, Ligonier, Ind. 12-3

INDIAN RUNNER DUCKS. Prize winning strain of heavy layers. Choice stock for sale. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 12-3

INDIAN RUNNER DUCKS, Mottled Anconas, R. I. Reds, Bargains in drakes, cockerels and trios. Euclid Poultry Farm, Benton Harbor, Mich. 11-3

FOR SALE—Beautiful dark green Muscovy ducks, \$5.00 a trio. Mrs. Fred Allen, West Hinsdale, Ill. 11-3

INDIAN RUNNER DUCKS. Great laying and winning strain. I. L. Baldwin, Oxford, Ind. 11-3

MAMMOTH PEKIN DUCKS and Drakes. Indian Runner Drakes, prices right. Mrs. I. A. Francis, Paris, Ill. 11-3

PEKIN DUCKS (Rankin and Japanese direct). Extra large stock cheap. Springbranch Poultry Farm, Bellville, O. 11-3

ONE TO ONE-FIFTY each Runner, Rouen, Pekin and wild Mallard ducks. Cooperative Poultry Co., Lewistown, Ill. 10-3

INDIAN RUNNER DUCKS—Trios, extra good breeders, \$7.00; choice, \$9.00. Our drakes have fawn head and tail. Oak Grove Farm, R. 34, Box A, Peoria, Ill. 10-3

YOUNG INDIAN RUNNER ducks from heavy laying strain, well matured, mated not akin. Duck and drake, \$2.00. Now ready to ship. Place order at once. C. J. Yoder, Grantsville, Md. 10-3

LOOKING FOR INDIAN RUNNER DUCKS? Remember our third pen is headed by drake that won first at New York; also special for best Indian Runner in the show 1910. Royal Farms, Little Silver, N. J. 4-10-1yr

FIFTY WHITE MUSCOVY DRAKES and Ducks. New York prize winning strain. For quick disposal, three and four dollars each. Royal Farms, Little Silver, N. J. 4-10-1yr

GEESE.

EMBDEN GEESE, prize winners, \$2.50 each; \$7 trio. H. S. Moore, Kahoka, Mo. 12-1

EMBDEN AND WHITE CHINA GEESE. Indian Runner ducks. M. K. Anthony, Waldo, Ohio. 11-4

MAMMOTH TOULOUSE GEESE sired by 26-pound Ganders. Nelson's, Grove City, Pa. 11-3

PRIZE WINNING AFRICAN and Toulouse Geese. John Worley, Mercer, Pa. 10-3

EMBDEN GEESE, \$3 each. Miles Funk, Route 5, Chambersburg, Pa. 10-3

TURKEYS, DUCKS AND GEESE.

WHITE CHINA GEESE, \$5 per pair, and Colored Muscovy Ducks, \$3 per pair. Oliver P. Matter, Plainfield, Ill. 12-1

SEVERAL BREEDS.

WHITE ROCKS, BUFF ROCKS, Orpingtons, Single Comb White, Rose Brown Leghorns, Black Langshans, Light Brahmas, \$1, up. Guy Neisler, Fillmore, Ill. 12-1

S. C. W. LEGHORNS, S. C. B. Minorcas. Cockerels, \$1 and \$2. J. W. Creel, Sheldon, Ill. 12-1

64 VARIETIES POULTRY—Hares. Eggs and stock for sale reasonable. No better bred stock. Catalogue and show record free. H. D. Roth, Souderton, Pa. 12-5

WHITE HOLLAND TURKEYS and White Indian Games. Fine stock. Bargain prices. E. J. Kirby, Covert, Mich. 12-3

PEKIN AND INDIAN Runners. Fawn and White, also English Penciled Runners. White Wyandottes, White Leghorns. Booking egg orders for spring delivery. Geo. A. Stoney, Box A, Eagle, Mich. 12-3

LOOK UP OUR RECORD. Golden Wyandottes, Golden Spangled and Penciled and Black Hamburgs. All varieties Polish. Eight years winners largest Eastern shows. Never defeated. Sitterly & Shoop, Gloversville, N. Y. 12-3

OAKWOOD POULTRY FARM White Plymouth Rocks, S. C. White Leghorns, S. C. Buff Orpingtons. Line bred. Cockerels for sale. Fox River Grove, Cary Station, Illinois. 11-3

CHOICE NARRAGANSETT TURKEYS. Toms, \$5 each; hens, \$3.50 each. Black Langshan cockerels, \$1.50 each. M. Mitchell, R. 7, McLeansboro, Ill. 11-3

WHITE ROCKS, WHITE WYANDOTTES, and S. C. Buff Orpingtons. Prize winners during the last season. Fine breeding birds at reduced prices. Also young stock that will please. Don't fail to write me. Mrs. Jens Olafson & Co., Madelia, Minn. 11-3

M. B. TURKEYS, sired by 52-pound tom, score 97. Barred Rocks, world's best. Ike Hud- nel, Milan, Mo. 11-3

PHEASANTS, CANADA GEESE, Black, Mallards, Teal, Canvasback, Redheads, Shorlars, Coots, Black Swan, White Swan, Pelican, Mohawk Pheasantry, Mohawk, N. Y. 11-3

COCKERELS—S. C. W. Leghorns, R. C. Brown Leghorns Black Spanish, Hamburgs, \$1.50 to \$2. Mrs. Emma Lee, Breckenridge, Minn. 11-3

2,000 COCKERELS FOR SALE. 15 different breeds. Send for special price list. Wertz Bird & Seed Store, Sioux City, Iowa. 11-3

COCKERELS, THOROUGHbred, BEAUTIES. DeGraff strain Rhode Island Reds. Kellerstrass strain White Orpingtons. Cook strain Buff Orpingtons, three dollars each. Silver Spangled Hamburgs two dollars each. E. M. Williams, Monticello, Kentucky. 10-3

PARTRIDGE WYANDOTTES. White and Black Cochins Bantams. Several males and females of each variety for sale. Good show birds ready now. F. H. Snyder, Wakeman, Ohio. 10-3

CHOICE LOT OF UTILITY Houdan and Single Comb Buff Leghorn cockerels, excellent breeding. Birds, best blood in America, \$1.50 each. Geo. C. Schwegman, Richmond, Indiana. 10-3

R. I. REDS, BROWN and White Leghorns, Plymouth Rocks, Pekin Ducks. Big, lusty, free-range-raised stock. Exhibition quality. Low price. Satisfaction guaranteed. Circular. Jay Crawford, Frazeyburg, Ohio. 10-3

COCKERELS FOR SALE. Brown Leghorns, both combs; White Leghorns, S. C.; Buff Orpingtons, S. C. Price, \$1.00 up. G. B. Haskins, Wakeman, Ohio. 10-3

SINGLE COMB WHITE ORPINGTONS, Kellerstrass strain. White Wyandottes, White and Barred Rocks, Leghorns, Light Brahmas, and R. I. Reds, and Indian Runner Ducks. Utility, choice breeders and exhibition birds for sale at reasonable prices. Kinney I. Miller, Box T, Lancaster, Mo. 10-3

FOR SALE—BLACK LANGSHANS. Brown Leghorns, White and Silver Wyandottes, Buff Cochins Bantams and Colored Muscovy Ducks. Gus Norton, Union City, Mich. 9-4

BUFF ROCKS, Toulouse Geese, Rouen, and Mallard ducks, old and young stock now ready. Show stock a specialty, address Edw. Davidson, Carey, O. 12-09-1f

PHEASANTS.

300 PHEASANTS FOR SALE. Pheasants and other Game bought and exchanged. S. Whann, Polk, Pa. 12-3

15 VARIETIES Pheasants. Prices on application. Illustrated booklet on pheasant raising. 10c. H. W. Myers, Tacoma, Wash. 12-4

TWELVE VARIETIES PHEASANTS. Price list free. John Downham, Strathroy, Ontario. 12-3

GOLDEN PHEASANT MALES, young and old, \$3 and \$5 each. L. C. Taylor, Gibsonburg, Ohio. 11-3

\$4.00 A POUND the market price for pheasants easily raised. Investigate. Beautiful, valuable book: Pheasants, Poultry, Rabbits, Squabs; how to produce 300 eggs from a hen yearly, 30 colored plates, colored cover, largely illustrated, 75c copy. Price catalog, colored illustrations, Wild Game, Poultry, Rabbits, Peafowl, Waterfowl, Dogs, Pigeons, Wild Turkeys, Eggs for Hatching, etc., 25c. Exchanges made. U. S. Pheasantry, Poughkeepsie, N. Y. 11-4

FOR SALE—GOLDEN Pheasants. Clean, healthy, 1910 early hatch. E. M. Peabody, Winthrop, Minn. 11-3

PHEASANT FOOD—I manufacture a full line of foods for the successful raising of Pheasants, Wild Ducks, Turkeys, Grouse, Quail and Partridges. Don't make a failure again this year by using home-made or inferior foods. Use the foods I offer which are exactly the same as are used on my farm, the most successful game farm in this country. Wallace Evans Game Farm, Oak Park, Ill. 3-1f

PHEASANTS, Wild Ducks, Geese, etc. Write for prices. Wallace Evans Game Farm, Oak Park, Ill. 3-1f

RING NECK PHEASANTS.—Wanted young ring neck pheasants for early delivery, must be good, healthy stock. Can also use a limited number of old birds. State lowest price and number can furnish. W. B. Cain, 5744 Erie St., Chicago, Ill. 9-10-1f

RABBITS.

FLEMISH GIANTS, the world's largest rabbits. I have absolutely the best bunch of stock in the country and a guarantee that no other dealer gives. Book on rabbits, twenty-five cents. Western Rabbitry, 4239 Pearl Rd., Cleveland, Ohio. 12-3

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BELGIAN HARES. Best quality. Win and please everywhere. A. Ziegler, Box 81, Bippus, Ind. 10-3

DO YOU WANT QUALITY in Rufus Red Belgian Hares? Jos. R. Counihan, Grandview St., Wheeling, W. Va. 3-10-1yr

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5,000 FERRETS FOR SALE. Write for price list, it's free. De Kleine Bros., Box No. 21, Jamestown, Michigan. 11-3

TRAINED FERRETS, small breed for hunting rats and rabbits; book and price list free. Levi Farnsworth, New London, Ohio. 11-1f

TRAINED FERRETS: ferret harness; muzzles; perforated sacks; rabbit net; ferret and pheasant books; catalogue free. Wallace & Son, Lucas, Ohio. 9-10-1yr

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BARGAIN. WHITE HOMERS. Frank Pit-barger, Washington, N. J. 12-1

WANTED—5,000 COMMON or Homer Pigeons. Pay at least 25c pair. 5,000 small chicks, poultry, guineas, live rabbits, dressed squabs. Highest prices paid. D. Gilbert, 1128 Palmer St., Philadelphia, Pa. 12-5

EXTRA FINE HOMER PIGEONS at \$1 per pair. Imported Carneau at \$5 per pair. Kearns-Preston Poultry Plant, Ripley, O. 12-1

BE YOUR OWN BOSS. Breed squabs. Complete treatise on squabbing, 50c cash. Send stamp for free booklet. Fred A. Sotter, Douglassville, Pa. 8-6

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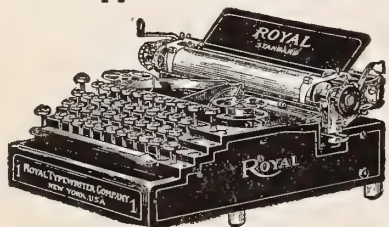
	Price per 25 lbs.	Price per 50 lbs.	Price per 100 lbs.
Hen Scratch.....	\$.55	\$1.00	\$1.85
Chick Scratch.....	.60	1.10	2.00
Poultry Mash.....	.55	1.00	1.80
Poultry Wheat Bran.....			1.25
Poultry Wheat Middlings.....	.45	.85	1.45
Corn, Cracked (hen size).....	.45	.85	1.45
Corn, Cracked (chick size).....	.45	.85	1.45
Gluten Feed.....	.50	.90	1.60
Alfalfa Clover Meal.....		.85	1.50
Beef Scraps.....	.80	1.45	2.75
Bone, Granulated.....	.75	1.35	2.50
Meat and Bone.....	.75	1.35	2.50
Blood Meal.....	1.00	1.90	3.50
Pigeon Feed.....	.70	1.20	2.25
Pin Head Oats.....	.80	1.45	2.75
Oyster Shell (hen or chick size).....	.25	.40	.65
Mica Crystal Grit (hen or chick size).....	.25	.40	.65
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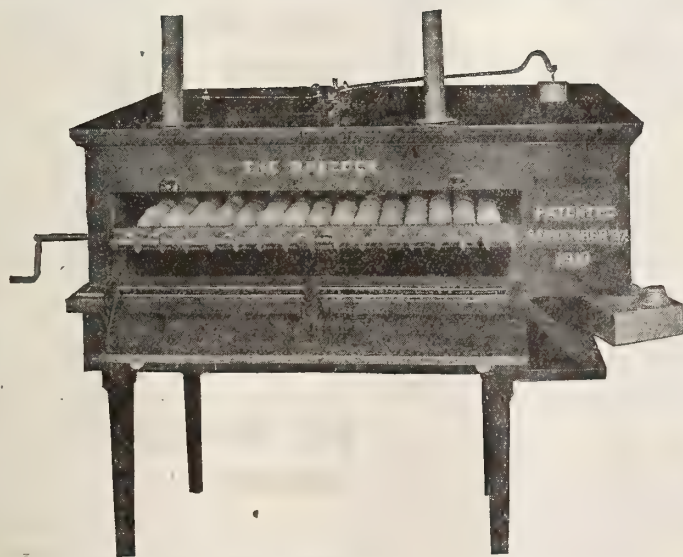
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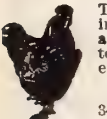
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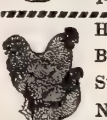
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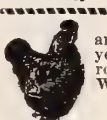


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W. W. CARMAN

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FREE CATALOGUE OF FINE THOR-oughbred poultry. All varieties of Cochins, Brahmas, Langshans, Rocks, Wyandottes, Houdans, Orpingtons, R. I. Reds, Leghorns, Andalusians, Hamburgs, Ducks, Geese, Turkeys, incubators and brooders. All stock and eggs guaranteed.

C. M. ATWOOD

Box A-35, Dundee, Minnesota



LIGHT BRAHMAS, COLUMBIAN WY-andottes, Mottled Anconas, Brace's Strain, S. C. Br. Leghorns and Rhode Island Reds. Stock for sale. Prices right, satisfaction guaranteed.

THREE PINES POULTRY FARM

Fred T. Kyle, Prop.

Box 10, Catonsville, New York



BARRED ROCK COCKERELS, \$2.50 each; Embden Geese, \$5 a pair; Mammoth Bronze Turkeys of large size and right color.

MISS SALLIE COX

12-1 Route 1, New London, Missouri



PURE BRED BUFF AND WHITE Plymouth Rock ckls., \$2.50 each. Young pure bred Buff Turkey toms, Dysart's Madison Square winning strain, \$5 each. Pure bred Mammoth Toulouse Geese, World's Fair, Ill. State Fair and Chicago winning strains; young stock, \$4 each; \$4 and geese \$3.50 each, trios \$10. Mammoth White Pekin ducks, \$2; ducks \$1.50 each.

WALKER BROS., Mazon, Ill. 12-3

S. C. Black Minorcas

1-10-lyr

PRIZE WINNERS AT Minneapolis, Minnesota State Fair at St. Paul, New Hampton and Oelwein. All breeding stock for sale. Eggs half price.

A. T. KIEREN

New Hampton, Iowa

Crystal White Orpingtons

4-10-lyr

THE GREATEST EGG PRO-ducers and prize winners known. \$5 for 15 eggs; \$8.50 for 30 eggs. Also large stock of S. C. Rhode Island Reds, \$2.50 for 15. Write for circulars.

MARTIN A. HANSEN, Wells, Minnesota

STOCK FOR SALE

2-10-lyr

FROM SINGLE COMB Brown Leghorns, Single Comb Black and White Minorcas and White Wyandottes. Young and old stock for sale. Write for prices. C. JACKSON

Box M, Buchtel, Ohio

Chicks

let and testimonials free. FREEPORT HATCHERY,

12-1

WE SHIP THOUSANDS each season. Different varieties Reds, Rocks, Leghorns and Orpingtons. Orders booked now for spring delivery. Book-

Box A, Freeport, Mich.

White Wyandottes Exclusively

trios and pens of fine birds. Good pens at \$12, \$15, \$18.

Eggs for hatching. Show birds.

12-1

DUSTON STRAIN! Cockerels! Cockerels! Fine early hatched. Two dollars and up. Order quick and get the best. Singles, pairs, trios and pens of fine birds. Good pens at \$12, \$15, \$18. Eggs for hatching. Show birds. J. H. FARIS, Forest Lawn Wyandotte Yards, Florence, Neb.

Buff, Silver Penciled and Partridge Rocks

Virginia State Fair, Richmond, I won ten first, six seconds and five thirds. A fine lot of stock for sale reasonable.

D. W. JARDINE, Staunton, Virginia

EARLY HATCHED cockerels and pullets. My winnings this fall speak for themselves at the great Hagerstown Fair and Virginia State Fair, Richmond, I won ten first, six seconds and five thirds. A fine lot of stock for sale reasonable. D. W. JARDINE, Staunton, Virginia 31f

**Partridge
Plymouth
Rocks . . .**

WOLVERINE STRAIN — Were exhibited at St. Louis convention and received unanimous vote of the meeting to be admitted to the Standard. Send for my illustrated catalogue. J. A. HAGEMAN, President Partridge Plymouth Rock Club, Charlotte, Michigan 10-10-1yr

**Partridge...
Wyandottes**

MY YOUNG STOCK is now ready for sale. I have some choice show cockerels; also a few good hens for sale. My prices are right. Write for my show record. H. R. MORGAN, Aledo, Illinois 10-10-1yr

**White . . .
Orpingtons**

IN KELLERSTRASS Strain Crystal White Orpingtons we offer three hundred choice youngsters. Single birds five dollars up; Trios, fifteen dollars up; pens, twenty-five dollars up. MOUNTAIN VIEW RANCH, Thirteenth So. and Co. Road, Salt Lake City, Utah, 10-10-1yr

**W. Wyandottes and
S. C. W. Leghorns**

THE BIRDS BRED by DeGray win, lay and pay. I will have some fine stock for sale after November 1. OULEOUT POULTRY FARMS, C. DeGray, Box 25, Franklin, New York 1-10-1yr

**Golden . . .
Barred Rocks**

THE BEAUTY AND UTILITY breed. They are a new addition to the Rock family. The plumage being buff and white barring, making a most beautiful fowl. Write for free catalogue telling about them. L. E. ALTWEIN, Originator, St. Joseph, Mo. 8-10-1yr

BARGAINS

R. C. BROWN Leghorns a specialty. Have other Leghorns, Langshans, Hamburgs, Indian Games, Rocks, Wyandottes, Orpingtons, Spanish, Houdans, Reds, Minorcas, Brahmas, Ducks 5 kinds, Geese, Guinea and Ferrets. Won 143 prizes Indiana State Fair 1910. Cfr. free. OHAS. SMILEY, R. 10, Judson, Indiana 1-10-1yr

**Jumbo
Bronze
Turkeys**

FROM BEST STRAIN IN America. Also Toulouse Geese, Black Langshans, Buff Orpingtons, R. I. Reds and Brown and White Leghorns that have won over 200 prizes, all go at half price. C. R. SMITH 11-2

**"BLUE RIBBON"
WHITE ORPINGTONS**

QUALITY Absolutely best. Winners strong. est competition. Breeder of these grand fowls since their introduction. Single fowls, pairs, trios, pens from blue ribbon winners. Circulars. F. S. BULLINGTON, Secretary-Treasurer American White Orpington Club, Box A, Richmond, Va. 5-10-1yr

**Cockerels For
Sale \$1.50 to \$5**

BARRED ROCKS, Owen Farms stock. White Orpingtons, Kellerstrass, O o k and Jackson strains. Rose Comb Reds, Seward stock. Persian Kittens cheap. MRS. D. E. PARSONS, Beach Park, Ohio 12-1

R. I. REDS

Wellington Red Strain of Rose and Single Combs. Fine breeders and youngsters for sale at reasonable prices. Send for catalogue and price list.

E. W. Phillips, Box A, Wellington, Ohio

You'll Have to Hurry

If you wish some of the special bargains I'm offering in cockerels and properly mated pens of

Barred Rocks

They have been my specialty for 10 years. If you want quality for a little money, send me your order. If I don't please you we trade back. Let's talk it over. Catalogue for the asking. Mention A. P. J.

Frank J. Overstreet, Box 106, Kiowa, Kan.

S. C. WHITE LEGHORNS

"Snow Fluff Strain"—My stock of pullets, cockerels, yearling breeders and cock birds represents the results of seven years of careful and close breeding. Write your wants if it is quality you desire and mention A. P. J. H. T. WHITNEY : BOX 108, R. F. D. : OLMSTED FALLS, OHIO

**Hartman Stock Farm Poul. Yards
COLUMBUS, OHIO**

Eggs for hatching from our noted prize-winning Buff, White and Part. Wyandottes, Barred Ply. Rocks and S. C. W. Leghorns. Our birds have won the lion's share of 1st and 2nd prizes wherever shown. Eggs, \$3 and \$5 per 15. Choice stock always for sale. Day old chicks from our best stock for sale from March 15 to June 1.

**:: :: VASS' BUFF, BLACK AND WHITE :: ::
ORPINGTONS**

acknowledged the world's best. After June 1st I will offer eggs at less than half their value. This is chance of your life to get in line for some of my strains of Orpingtons. Never in my twelve years breeding Orpingtons have I had such youngsters as I have at present time large broad, deep bodies, heavy bone, shape and color to burn. As I was the first importer of Buffs to America and have won over 1,200 prizes, I believe I have some of the best birds in America today. June is month to hatch the winner for late winter shows and can furnish the eggs that will set you in line for blue ribbons. Write for prices, Booklet free. :: C. E. Vass, Washington, New Jersey

Sheffield Farm Partridge Wyandottes

*The premier Strain of America
Formerly known as the Coffin Strain*

Winners at America's greatest shows, including New York, Boston and Chicago.

In February, 1910, we purchased without reserve the entire stock from M. H. Coffin, Whitinsville, Mass., which gives Sheffield Farm a foundation stock second to none. We have sold no eggs for hatching during the past season but have raised a large flock of choice youngsters to select from.

Our prices are reasonable and satisfaction is guaranteed.

Sheffield Farm, : P. O. Box J, : Glendale, Ohio

**NONPAREIL
Barred Plymouth Rocks**

*Winners of Highest Awards at
America's Leading Shows*

EGGS Now sold at HALF PRICE with our usual guarantee and from our matings as listed. :: :: :: :: :: ::

150 Choice Breeders for Sale

Both cockerel and pullet breeders from our own pens of 1909-10. Let us price you some of these.

15 Grand Show Males

at half value, we can and will satisfy you.

Schwab Bros., Box 452, Irondequoit, N. Y.

Victory for Bleakley's Buff Rocks

At America's greatest show. Send for my free catalogue which explains all. **J. J. Bleakley**, R. 3, Box B, Abilene, Kansas. Life Member A. P. A. State Vice president Buff Rock Club.

White Wyandottes

Our birds are large, blocky, stay-white, vigorous and heavy layers. Cockerels for sale. Eggs \$2 per 15; \$3 per 30. **W. A. KAIN & SON**, Ashtabula, Ohio.

**CAPONIZING INSTRUMENTS**

Milk Fever Outfits, Dehorners, Impregnators, Teat Syphons, Forceps, etc. Received the only award at both World's Fairs—St. Louis, '04; Chicago, '93. Illustrated cat. free. **Hausmann & Dunn Co.**, 392 S. Clark, Chicago

SUGAR Fine Gran. **lb. 2½c**

We **SAVE** you about one **HALF** on Groceries and general Merchandise and pay freight. Send no money but write at once for Free Catalogue

CENTRAL MERCANTILE COMPANY, 415-417 Dearborn St., Chicago.

MISHLER'S**R. C. Black Minorcas**

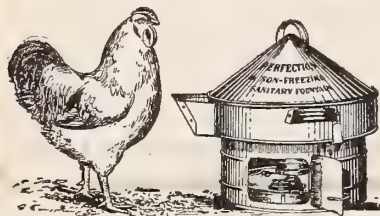
Won every first prize at Chicago, 1909. The leading breeders in America are our customers. Why not start even with them and get the best? Write me your wants in show or breeding stock before all are sold.

Lloyd C. Mishler, R. 1, North Manchester, Ind.

SMALLEY'S**WHITE WYANDOTTES**

are champions in the Southwest. A. P. A. gold medal two years in succession. Highest scoring flock of White Wyandottes owned by one breeder in the United States.

W. P. SMALLEY, SHAWNEE, OKLA. Sec'y Oklahoma Branch American Poultry Ass'n

**Perfection Non-Freezing Sanitary Fountain**

Increase your Egg Yield one-third by using this Fountain. Safe, Sanitary and Practical. Can be used the year round. Send for circular if you wish to know more about this Fountain.

Prices: 2-gal. size, \$2.50; 3-gal., \$3

Two cups for double pen duty, 25c extra. Send for cat.

Tomlinson-Lanphere Co., Dept. B, Detroit, Michigan

Feed Grass**To Your Hens in Winter to Get Eggs**

Cut Clover or Alfalfa will make hens lay all winter. I want you to give me an opportunity to prove this. I will take the risk. My practical book, "The Golden Egg"—sent free—tells you the easy, rapid way to prepare this ration in a

Humphrey Rapid Clover Cutter

and I will give you a trial free. If you have 12 or more hens you should get the Humphrey Helps—as necessary in a poultry yard as a hen house. They double and treble your profits—I guarantee this—because you can get from 150 to 250 eggs per hen a year. Write me today.

Humphrey
New Street Factory, Joliet, Ill.

WILSON'S S. C. BLACK MINORCAS

Won all reds and blues at Indiana State Fair. June and July pullets, \$1.50 and \$2, while they last.

E. E. Wilson, Vice-Pres. and State Champion **A. B. M. Club**, 1118 Concord St., Indianapolis, Indiana

43 Varieties

Poultry, squab breeders, fancy pigeons, ducks, geese, pea fowl, pheasants, wild game, dogs. Incubators, feed and supplies. Handsome catalogue containing 150 illustrations 2 cents.

Missouri Squab Co., Dept. R. St. Louis, Mo.

Orpingtons of the Better Sort

BUFF, BLACK AND WHITE—Well grown young stock for sale for fall showing and breeding purposes.

Mountain View Farm :- **R. F. D.** :- **South Kent, Connecticut**

Crowther's S. C. Reds

Win highest honors at the three great Red meets of 1909-10. They have few equals in type and color in the world. Ask for catalog showing six photos of this matchless type.

Ira M. Crowther "Home of Aristocrats" **Box A, Willoughby, O.**

BARROWS' SUPERIOR QUALITY**White Leghorns**

are the best layers because bred right. They are also winners at Dryden, Cortland, Auburn, Elmira, New York State Fair and Madison Square. Quality guaranteed and stock shipped on approval. Circular free. Write your wants to

THE MAPLES POULTRY FARM

Box 500

GROTON, NEW YORK

S. C. Black Minorcas

I want my customers to know that I have young stock that will be hard to beat. At the West Michigan State Fair at Grand Rapids, September 12 to 16, we carried away all the blue ribbons on cockerels and pullets. We expect to be at the leading shows this coming season. **Cockerels**—We have a few utility cockerels at \$2 each. There are 25 grand prize winners. They have firm, well shaped combs, low tails, good shape and color all through. They have had free range and perfect in condition, \$5 each for these splendid birds. **Hens**—About 75 utility, mostly one year old, at \$1 each; 25 that will produce prize winners, good size and shape, \$1.50 each. **Pullets**—Can spare about 25 June hatched utility pullets at \$1 each. Write me your needs and you will get a square deal.

F. C. Wing, **Box 154, Wayland, Michigan**

Riley's Barred Rocks

If you want winners for your coming show, don't forget that I have the finest lot of young birds that I ever owned. Healthy, vigorous, big boned, cockerels and pullets with bright, snappy barring to the skin. The kind that win prizes in the hottest competition.

For years **Riley's Barred Rocks** have been winners at leading Eastern shows. They have established a reputation for consistent winning. The young stock offered for sale are of the blood of this long line of winners. Every order has my personal attention and I guarantee satisfaction.

HENRY D. RILEY, BOX B, STRAFFORD, CHESTER CO., PA.



Johnson's First Old Trusty Message For 1911

Subject: Why I can sell you the best incubator, freight prepaid, for less than \$10—that will last more than 10 years

THERE's only one answer—it's because I make and sell so many of them.

For the season of 1910, I made and sold over 42 solid miles of Old Trusty Incubators and Brooders.

I sold over 75,000 machines—put them end to end and they would make a solid sidewalk over 42 miles long.

From my St. Joe, Missouri, transfer station alone, I distributed 113 big 50-foot furniture car loads.

This is a tremendous amount of business for any one incubator maker to do—there must be a reason for it.

The reason is simple and quite old fashioned, yet true.

It's just because Old Trusty Incubators and Brooders are now recognized everywhere—by everybody who knows anything about incubators and brooders—to be the best machines on the American market—and sold for the least money.

Several years ago I adopted a policy of selling incubators and brooders on an 8 per cent profit plan.

Competitors said it could not be done—that I'd "go broke" and go out of business on such a policy.

But they didn't guess right on the sentiment of the people.

I haven't "gone broke"—on the contrary, I've built up the biggest business in the world in my line. I'm selling more machines now than any five of my next nearest competitors put together.

My 8 per cent profit plan meant that I'd rather get a little profit on each machine on a big volume than a big profit on each machine on a small volume.

And now I'm at it again for 1911 with a factory output of 100,000 machines—and a lower profit plan—7%—or less than 70 cents on a machine.

I didn't have enough to go around for 1910—maybe I won't have enough to go around in 1911.

Now, I believe there are other good incubators and brooders on the market, but I don't believe there's one that is as good as the Old Trusty—and 75,000 people last year agreed with me—agreed to the extent of sending me their money for machines.

Every year I am adding expensive machinery to my factory, which enables me to cut down the cost of building incubators.

This year I've just installed two high pressure boilers, 175 horse power each; one 175 horse power Corliss Engine; one 135 horse power Four Valve Erie Engine and two new generators, an 80 horse power and one 175. Each individual piece of machinery in my factory is now run with an individual electric motor, yet it all started with that one man power. And it's all been made possible with my policy of small profits on a big volume.

And the credit (thank you, one and all) is all due to my chicken raising friends, who found out that Johnson made the best incubator on earth and that he sold it on a live-and-let-live price.

All I ask at this time is the privilege of explaining this proposition to you in my big free incubator and poultry book.

I take a lot of pride and get a lot of pleasure out of writing that poultry book every year, because what I put into it is the result of actual experience, gathered by myself and by my poultry raising customers. There's no "hyfalutin" language in the book, no dreams of art as illustrations, but just plain, right-down-to-the-ground facts on poultry raising for people who want to make money with an incubator. And every illustration is an actual photograph. This book is not leather bound, nor hand illuminated, nor is it a de luxe edition. It isn't intended to be an ornament to your library shelf, it is just a big book of actual facts on incubators and brooders, written for people who want to know how to make real money out of their poultry—and make it quick with the least possible expenditure and outlay for the proper equipment to do it with.

There are hundreds of photographs in my big book and a lot of testimonials, a lot of poultry information, a lot of feeding information, incubator experience from customers throughout the world—and a full description of Old Trusty Incubators and Brooders and how to use them.

With the book, I quote you my price on these machines delivered at your railroad station—freight charges prepaid, east of the Rockies, and all ready to run.

Poultry raising is growing more profitable every year. Eggs and poultry are increasing in price every month, yet chickens are no harder to raise and don't cost any more to feed than they ever did. So higher prices for eggs and poultry mean increased profits for the producer.

The poultry business is going to be better for the producer every year. Are you getting your share—either in country, or small towns or city back yards?

Let me mail you my book at once. Fill out the coupon printed below, or send me a postal. Just say, "Johnson, I want the book." I'll do the rest.

You won't need a dictionary to read my book.

M. M. Johnson, President

Old Trusty Incubator Company

Clay Center, Nebraska

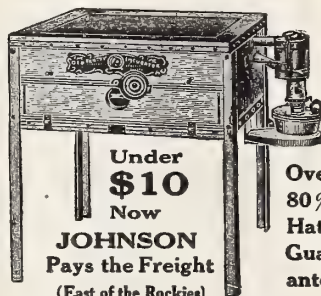
"The place where most incubators come from."

M. M. Johnson, Incubator Man
Clay Center, Nebraska

My Name is.....

Address.....

30
60
or
90
Days'
Trial
—
10
Year
Guar-
antee



Under
\$10
Now
JOHNSON
Pays the Freight
(East of the Rockies)

Over
80%
Hatches
Guar-
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S.C. RHODE ISLAND REDS

Blue Ribbon Strain—Eggs and stock at bargain prices. Pheasants—Will also spare a few settings of Ring Neck Pheasant eggs at \$2 per 15.

O. O. Hausch & Son, Perry, Ohio

I BUY FEATHERS

Goose, Duck, Chicken, Turkey and Wild Bird.
Write for prices.

B. Schwartz, Box 888, New Haven, Conn.

75c

Secures a copy of "Why Poultry Pays and How to Make it Pay." A 64-page book for the amateur and experienced fancier, and American Poultry Journal for one year.

S. C. BLACK ORPINGTONS AND COLUMBIAN WYANDOTTES

Layers and winners at Pittsburgh and other leading shows. Stock for sale now and eggs in season. Write for prices. 1000 Island Poultry Yards, Ernest W. Slate, South Hammond, New York.

R. C. WHITE LEGHORNS

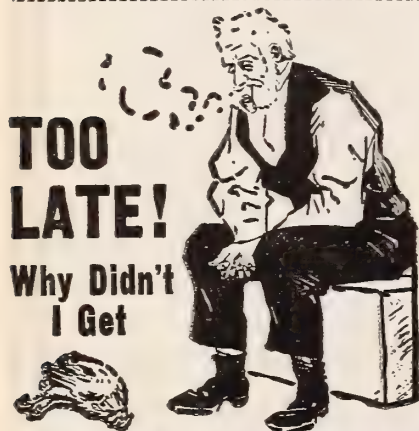
World's best strain. Winnings at Buffalo International Show, 1910, and Detroit, Jan., 1910. Stock for sale. Eggs in season.

John O. Lacey, 55 Beacon St., Detroit, Mich.

WHITE ROCKS

Some choice one and two year old hens for sale. Satisfaction guaranteed or money back. Write for prices.

W. N. Graham - Bradford, Illinois

**TOO LATE!****Why Didn't I Get****CONKEY'S ROUP REMEDY!**

That's what you'll be saying some of these days if you put it off too long and lose part or all of your flock in an epidemic of ROUP. When you see chickens moping, sneezing, coughing, watering at the eyes, heads swollen and fighting for breath, LOOK OUT! These are sure symptoms of the deadly Roup. One sick bird will infect the whole flock! Don't wait—keep Conkey's Roup Remedy always on hand!

"CONKEY'S" DOES THE WORK

Conkey's Roup Remedy comes in powder form. Put a thimbleful in a gallon of water and the fowls will drink it eagerly. A 50-cent box makes 25 gallons of medicine.

We will pay 50 cents for the empty box if it fails to satisfy you, but it will not fail!

OUR REMEDIES NOT "CURE-ALLS"

WE MAKE ONE REMEDY FOR EACH DISEASE. Conkey's Poultry Remedies are endorsed by thousands of successful poultry raisers. One remedy for each disease. Every remedy guaranteed. Don't put faith in "shotgun" remedies. Every disease has a different cause and demands a special remedy.

Conkey's Poultry Remedies are standard preparations with a world-wide reputation. On sale everywhere. Prices, Conkey's Roup Remedies, 50 cents and \$1.00 postpaid.

CONKEY'S POULTRY BOOK FREE

IT'S THE RECOGNIZED AUTHORITY

Over two million copies in daily use. Answers 125 vital important questions. Tells all about Housing, Feeding, Egg Production, Breeding, etc. Tells How to Know and How to Cure all manner of Poultry Diseases.

Send name of your poultry supply dealer and 4c in stamps for this great 50-cent poultry book NOW. Follow its plain teachings and double your poultry profit. Send at once.

G. E. CONKEY CO.

THE CONKEY LABORATORIES
DEPT. 18 - (37) CLEVELAND, OHIO

"BIRDS of QUALITY." LAPHAM'S BUFF PLYMOUTH ROCKS.**"CATALOGUE FREE"****S. D. LAPHAM, DEARBORN, MICHIGAN.****ORDER ONE TO-DAY**

Use it
15
Days
FREE

Do you want to have lots of eggs to sell? Then you will have to provide your hens with the kind of food eggs are made of. Feed cut green bone and the increase in your egg yield will more than pay for a "Dandy" Green Bone Cutter. We'll sell you any size cutter you want on 15 days free trial backed by a broad guarantee. This will give you an opportunity to see how the machine is made and how it works before you buy it. The "Dandy" has distinctive features found in no other bone cutter—is easily operated and being automatic in its feed, it never clogs the cutter, nor gets out of order. Write today for Free catalog—it's full of poultry feeding facts that will save you money. **STRATTON MFG. CO., Box 17 Erie, Pa.**

IF IT
DON'T
SUIT
DON'T
PAY

**CATALOG FREE****The Correct Way to Ventilate**

is neither above nor below but at the eggs. We found it—have it in use. Other incubators will be copying our plan next year just as they have tried to copy our Hygrometer. But this year the only way you can get absolutely perfect ventilation and free oxygen supply is with a

**MANDY LEE INCUBATOR**

Look at the picture at the top. It is the Mandy Lee door. Six openings right into the egg chamber, covered only with fine mesh wire gauze and cloth. This means free circulation of air at all times, and no drafts. Carbonic-acid gas passes out and the life-giving oxygen passes in. This is the boldest and most important step ever taken in incubator building. And we have the proof that it is right. It is the long sought "turn" that places one incubator—The Mandy Lee Incubator—above all others and above the hen as a hatcher. We want to send the proof to you. We measure and control everything—heat, ventilation and moisture. No other incubator regulates anything but heat. If you follow simple directions, you can't fail with a Mandy Lee. New catalog explains everything fully; also tells about our new outdoor lamp-heated and regulated brooder—just what you want. Write today for catalog and full information, and for "Lee's Chicken Talk" or "Mandy's Poultry School"—all free.

GEO. H. LEE CO., 1101 Harney Street, Omaha, Neb.

THE FAMOUS **Rayo** Lamp

The Rayo Lamp is a high-grade lamp, sold at a low price.

It gives the white, soft, mellow, diffused light, which is easiest on the eye, and you can use your eyes for hours under Rayo light without eye strain because there is no flicker. The Rayo lamp may be lighted without removing shade or chimney. You may pay \$5, \$10, or \$20 for lamps other than the Rayo and get more costly decorations, but you cannot get a better light than the low-priced Rayo gives.

Standard Oil Company
(Incorporated)

Let Me Save You 50% Of Your Incubator Expense

I WANT to Give You All the Money I can save on my selling expense. Read my proposition carefully.

You know Chas. A. Cyphers; you have heard of the Standard Buffalo Incubator, famous the world over as a wonderful achievement in Incubator building.

The New Buffalo Equipment

combines **Low Cost** with **Quality**. I have stopped manufacturing a high priced machine because I have found a way to make as good a machine as has always been associated with my name and sell it at a low price. You get all the quality of the original Cyphers. New materials, new methods of manufacture, and a fraction of the original selling cost have made the **New Low Cost Buffalo** a possibility. I have cut out the old mammoth catalog that cost me over \$25,000. I have cut out follow-up, printing, postage, expensive branch houses and managers. In planning the New Buffalo Equipment and selling method I eliminate all the old policy selling expense.

I have not saved on the cost of manufacture, but on the selling cost I have trimmed to the quick.

I give you the chance to save the one half that I save, I give you a standard high percentage hatch—made of the best material and workmanship at the lowest possible price. I haven't any fancy catalogs to make you pay for besides the Incubator. That's why you save one-half on a standard "Buffalo."

The New Buffalo Incubator

is constructed with casing of open hearth iron, galvanized and can never rust. It is lined with fibre board, which eliminates any loss of heat by radiation. The walls are double, spaces between being well packed, which makes a substantial and well insulated incubator. The front is made of hard wood. In addition to a glass door, it has an outer hard-wood paneled door to darken the hatching chamber and to preserve the heat.

No Change In Principle

In the New Buffalo the pure air is heated in a three-compartment heater, is conducted into a separate compartment above the egg chamber where it is evenly diffused over and through a porous diaphragm and into the hatching chamber. It is then carried downward, and around the eggs and through a porous diaphragm in the bottom case. This system combines **Perfect Ventilation with Perfect Heating**. In its many years of use, owing to the more successful results obtained it has almost supplanted the hot water system, with its cheap and leaking radiator and limited ventilation.

Accurate Heat Regulation has been a strong feature of my hatches, and the new regulator is more perfect than any of the others. The present design strengthens the leaves of the thermostat, making them more rigid and "Commercially Perfect."

The Egg Trays are strongly made, are now covered with **Galvanized Wire Cloth**, and will last for all time.

The Legs on the Incubator are made out of heavy metal, are strong and nicely shaped. (See illustration.)

Double Door and Nursery. My experiments have proven that the chicks should be left on the tray until the hatch is over. Dropping off the tray before the hatch is cleaned up lowers the temperature on the tray, and injures the chances of the chicks that are late coming out, while the wet chicks get chilled in the lower temperature of the nursery and bowel trouble sets in early after hatching. The double door makes a dark hatching chamber, in which the chicks do not pile up. They will stay where they hatch until all are dry, when the outer door may be lowered, the guard removed from the tray, and the chicks allowed to work forward to the light and drop into the nursery. The double door also makes a warmer front. All these perfect features are found only in the New Buffalo.

I am offering all these new improvements in the Standard Buffalo Incubator at half-price—a saving of 50% to you. It means dollars in your pocket, a chance to make money in the future, saving you a lot of time and trouble if you order from this ad. Why should you pay twice my price for an incubator not up to the New Buffalo Standard?

You Get These Low Prices:

Offer No. 0—50 to 60 Egg Size, Shipping Weight 65 lbs. \$ 9.50
Offer No. 1—110 to 120 Egg Size, Shipping Weight 90 lbs. 12.00

Offer No. 2—220 to 240 Egg Size, Shipping Weight 130 lbs. \$16.00
Offer No. 3—340 to 360 Egg Size, Shipping Weight 160 lbs. 20.00

My Guarantee

I positively guarantee that the Buffalo will make a high percentage hatch. I guarantee it to be well made, have more good principles, and more easily regulated than incubators costing \$8 to \$10 more, egg capacity considered. I guarantee to see you are satisfied. Your money back instantly if you are not—no waste of time or waiting. In the Buffalo you are offered more for your money than you have ever secured before.

You Take No Chances

You stand to lose nothing, but to gain everything—especially the satisfaction of having an incubator that hatches the highest percentage of healthy chicks. I stand back of you in this purchase—I protect you against loss of any kind. Fill out the order blank and mail today. Don't delay. We expect a deluge of orders and while we are better equipped than ever before—we urge you to send in your order early. This year it will be a case of first order in first filled—you are safe in ordering from me—my reputation and standing insure you against loss. If you want to know more about the Buffalo Incubator send a postal today. The offers in this advertisement are held open to all inquiries made now.

Chas. A.
Cyphers, Pres.
Buffalo Incubator
Company,
4700 Ellicott Square
BUFFALO,
NEW YORK

ORDER BLANK

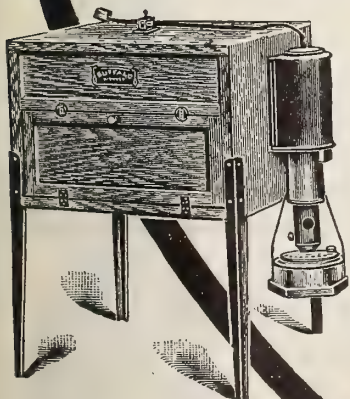
CHAS. A. CYPHERS, President,
Buffalo Incubator Co., 4700 Ellicott Sq., Buffalo, N. Y.

Dear Sir—Enclosed find \$..... (Post Office Order—Express Money Order—Draft—Check) for which ship me Offer No..... in accordance with offer made in December issue of.....

Name

Address

Shipping Station..... State.....



QUALITY COLUMBIAN WYANDOTTES

I breed prize winners and I have won silver cup and club ribbons on both shape and color, so you see I have quality. Every inquiry and order receives my careful personal attention. Write and let me quote you prices on a cockerel or trio bred from my winners,

CLINTON POULTRY YARDS
P. J. GISLESON :: RED BANK, N. J.

Bargain Sale of S. C. Reds

I have now selected my breeders for next season and offer for sale the rest of my stock consisting of the following: 200 pullets, some of them laying, at \$1 to \$2 each; 150 cockerels at from \$1 to \$5 according to age and quality; 50 yearling hens at \$1 each; 8 yearling cocks at \$2 and \$3 each. Satisfaction guaranteed.

Oscar Holtzapple Box 48 Elida, Ohio



Everybody wants chicks—they are cheaper than eggs. We are booking orders for 1911 delivery. To get chicks when you want them you must order early. Send for our new chick book. It tells all about the chick industry, how to feed and mature chicks without loss, besides describing one of the largest hatcheries in the U. S. and their twelve standard breeds. It tells how the shipping of baby chicks has revolutionized the poultry business. Price of book 10c. Price list free.

The Co-Operative Breeding and Hatching Co.
Box A Tiro, Ohio

Show Birds

FOR SALE

Cocks, Hens, Cockerels or Pullets—Our stock has won highest honors from coast to coast for our patrons as well as ourselves. 5,000 utility pullets, also cockerels and yearlings, at right prices. Catalogue free. Varieties—Orpingtons, Buff, Black and White; Plymouth Rocks, Barred, Buff and White; Leghorns, White, Brown, Buff and Black; Houdans; Brahmas; Minorcas; Wyandottes, White, Golden, Buff and Columbian; R. I. Reds, Rose and Single; Langshans; Games; Cochins; Ducks; Turkeys; Geese; also general pet stock. This is no side line with us, it is our entire business. Mention A. F. J. when writing.

ELM POULTRY YARDS
AND STOCK FARMS
Established 1888 Hartford, Connecticut

Wyckoff's S. C. White Leghorns

Acknowledged Everywhere the World's Greatest Laying Strain; Unequaled in Standard Qualities. Remember that we are the originators and for more than thirty years specialty breeders of the justly celebrated Wyckoff strain of S. C. White Leghorns, the most profitable strain of poultry in America today. Place your orders at headquarters and make no mistake. 8,000 choice yearling hens and cocks, and fine strong early cockerels must be sold at once to make room, and prices will be made especially attractive to early buyers. Send for catalogue and state wants as near as possible.

C. H. Wyckoff & Son :: Aurora, Cayuga County, New York

BILLINGS' R. I. REDS

Rose and Single comb have color and shape, long bodies and long straight backs, that can win. Winners at Toledo, Cleveland, Lorain and Elyria. 1000 choice breeding and high class exhibition birds to sell. Write for circular and prices.

B. M. BILLINGS

Box A, OBERLIN, OHIO

S. C. BUFF ORPINGTONS

PRIZE WINNERS—They are bred to lay and pay their way. They are the big boned, short backed, broad breasted, blocky kind. Have a number of cocks and hens one year old; also a fine lot of cockerels and pullets for sale. Get your show birds and breeders of me and improve your stock. Eggs at three dollars from my best pens. Write what you want.

E. M. Coons : Box H : Thorntown, Indiana

Andrews' White Wyandottes

Won FIRST, SECOND and SIXTH COCKEREL and FIRST PEN at BOSTON, 1910. Have won first pen four successive years. Let me quote you prices on a winner or breeder. They are guaranteed to win for you.

J. W. Andrews

Box J

Dighton, Massachusetts



CRYSTAL WHITE ORPINGTONS

Largest winners at Chicago 1909 show. Our customers won at many of the best shows in America last season. Do you want to win? We can furnish the winner. Plenty of stock. Prices reasonable. We ship on approval.

Goodes & Palmer, Box 430, Marcellus, Mich.

VICTOR POULTRY YARDS

Canada's Best R. C. and S. C. Black Minorcas

Winners of the Red and Blue at the largest shows on the continent. Our last show was London, Ontario, in November, the quality show of Ontario. We won on S. C. Black Minorcas, cock, 1, 2; hen, 2, 5; cockerel, 1, 5; pullet, 1, 2; R. C. cock, 1, 2; hen, 2, 3; cockerel, 1, 3; pullet, 1, 3; also two silver cups for best collection in both classes. We have wonderful quality in our young stock and guarantee to please our customers. Please send for free circular that shows you how we satisfy our customers. Please mention American Poultry Journal.

T. A. Faulds, London, Ontario, Canada

Life Member of A. P. A. Member of A. B. M. Club. Vice President of the International R. C. Black Minorca Club

BARRED ROCKS

Winners at the leading shows. I have 100 birds of that correct new standard type with that much desired snappy and ringy barring for sale this month. They were bred from winners and will win for you. My prices are reasonable for such high quality. I guarantee absolute satisfaction. Write

EDWARD BROWN, ROUTE 37, MENDOTA, ILLINOIS

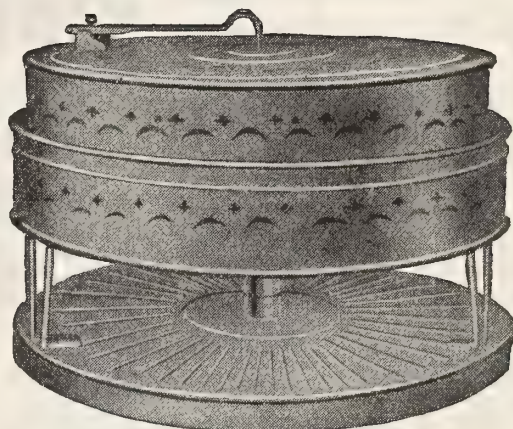


A Little Poultry and a Living

Is the title of a booklet we will mail free. It was written by the author of the PhiloSystem book, who makes everyone of his hens pay him a profit of \$50 to \$100 each



Cycle Brooder Hatcher, a complete all metal, fire-proof hatching and brooding plant for only \$8.00.



The All-Metal, 50-egg Cycle Hatcher only \$6.00, complete.

Our New Discoveries Make Poultry Keeping Easy and Profits Sure

Our machines were used exclusively in the original Philo System plant, where over \$1,500 FROM 60 HENS IN TEN MONTHS has been cleared from the sale of eggs, baby chicks and fowls, raised on a city lot 40 feet square. One of the largest hatching plants in America saved over \$700 this year by using our system of brooding. We sell the best brooder ever made for only \$2.50.

One party hatched and raised \$500 worth of poultry last year with four metal mothers, and hundreds of others are delighted with our machines and our new way of raising poultry. Our combined machine hatches and broods perfectly at the same time, with only one lamp and one-fifth the oil used in other machines. Once filling the lamp completes the hatch. It runs as steadily as a clock in any room from cellar to garret, and our Long Burning Safety Lamp runs on for weeks without attention. It is the only machine that airs the eggs in the natural way and applies the heat to the chicken like the mother hen.

TESTIMONIALS

The Cycle Hatcher Co.,
Elmira, N. Y.

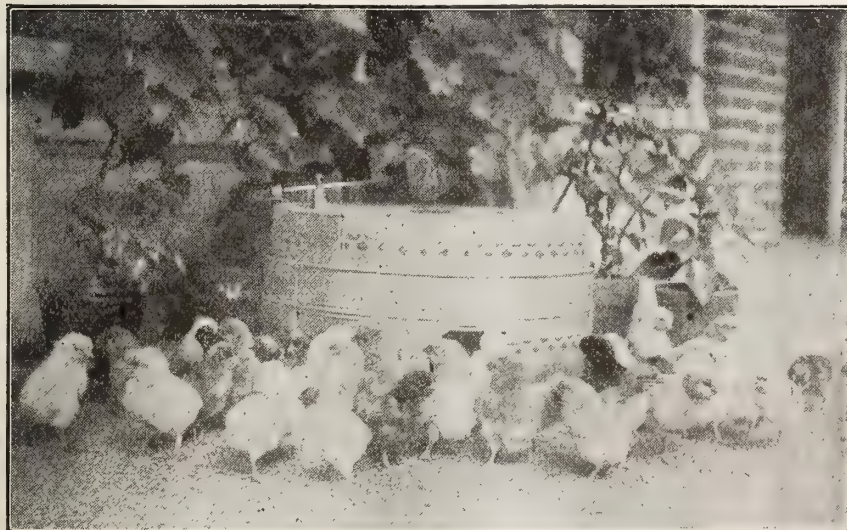
Sirs: I have used your incubators, both the Cycle Hatcher and the Brooder Hatcher, during two seasons, and found them very satisfactory, as they were easily managed and gave excellent results every time. The Brooder Hatcher makes a convenient place for brooding the little chicks when first hatched, before putting them into the fireless brooders.

Very truly yours,
Rev. E. B. Templar,
Valley Falls, N. Y.

The Cycle Hatcher Co.,
Elmira, N. Y.

Sirs: No doubt you will be interested to learn of our success with the Cycle Hatchers. We have cleared over \$960 running our hatchery plant, consisting of 56 Cycle Hatchers. We are pleased with the results and expect to do better the coming year. With best wishes, we are

Very truly yours,
Mrs. C. P. Goodrich,
Elmira, N. Y.



Brooder Hatcher doing double duty—hatching and brooding at the same time.

Prices

One Brooder Hatcher, \$8;
two, \$15; four, \$29.

One Cycle Hatcher, \$6; two,
\$11.50; four, \$22.

Cycle Lampless Brooders—
All Metal, and will last a
life-time—\$1.50, \$2 and \$2.50
each.

We have warehoused and can
ship from Colorado, Indiana,
and Ontario, Can., at slightly
increased prices.

Large stock of machines at
Oakland, Cal., our Western
office. Write Cycle Hatcher
Company, Oakland, Cal., for
Pacific Coast prices.

Cycle Hatcher Co. : 206 Clover St., Elmira, New York

WILLOW BROOK POULTRY YARDS

White Plymouth Rocks exclusively. Fishel strain direct. Prize winners. Stock and eggs for sale. Eggs from pens scoring 92 to 94, \$3 per 15. :: Leslie Pierce, 260 East Main Street, Norwalk, Ohio

Indian Runner Ducks

from imported stock headed by Hunt's famous 280-egg strain.

Mrs. Frank Higgs & Son, R. 5, Box 66, Greentown, Indiana

SINGLE COMB

White Leghorns

D. W. Young's Strain. 2000 breeders. Booking orders now for eggs and baby chicks for Spring delivery. Some grand breeding cockerels left. My book "Profits in Poultry Keeping Solved" will start you right. Circulars and testimonials free.

Edgar Briggs Box A Pleasant Valley, N. Y.

AGAIN QUALITY S. L. WYANDOTTES

The champions of New York State Fair. Twice as many firsts as eight competitors combined. Five years in succession the best winning Silvers at this great fair. This with their winnings at Madison Square Garden, Buffalo, Rochester, Batavia, Canandaigua, Waterloo, Johnstown and Auburn shows the quality. They're layers, too; none better.

LeRoy W. Seigfried, R. A, Waterloo, N. Y.

S. C. W. LEGHORNS

WIN AGAIN. We have been breeding winners for years and our record at the Montgomery Co. Fair is only a repetition of our success. We were pitted against some of the best breeders in the country, but we carried off 1st chl.; 1st, 2d pullet; 1st, 2d pen; 3 specials. A few choice cockerels to spare.

Turley & Scobee, Box M, Mt. Sterling, Ky.

ORPINGTONS

BUFF AND WHITE

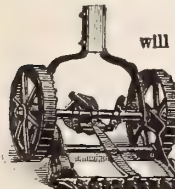
A few grand yearling hens of above varieties at reasonable figures. 700 youngsters coming on, of the highest breeding and quality. Write

C. A. Keefer : Muskegon, Michigan


S. G. BLACK & WHITE MINORCAS AND WHITE ORPINGTONS

Stock and eggs. Winners wherever shown. Write for prices; mention American Poultry Journal.

G. B. SMITH & SON
BOX 454 : NORTH BALTIMORE, OHIO



THE CLIPPER
will cut tall grass, short grass and weeds, and do all the trimming along the fence, walks and drives. If your dealers do not keep them, let us know, and we will send circulars and prices.
Clipper Lawn Mower Co., Dixon, Ill.



THE OLD RELIABLE LAMBERT'S DEATH TO LICE

Insures Clean Fowls—Large Profits

It has been the standard lice-killer for over 25 years—the standby of successful poultry-keepers. Easily used, absolutely safe; sure and quick in results. Most economical because it goes farthest. Try it, and see young fowls grow faster and hens lay more. Sample 10c.

If not at your dealers, we will supply you. Send 2c stamp for valuable book, "Practical Poultry Feeding." O. K. STOCK FOOD CO., 316 Traders Bldg., Chicago

CRYSTAL WHITE ORPINGTONS

Win, Weigh and Lay—We won every first we competed for at the great Illinois State Fair Show. 1, 2, 3 pul.; 1, 2 hen; 1 cockerel on 10 birds entered and 161 in class. A few cockerels of extra quality yet for sale.

Troy Medaris - - - - Bement, Illinois

WOODS' S. C. BROWN LEGHORNS

Are the kind that WINS, LAYS and PAYS. More prizes at Missouri State Show, St. Louis, Dec. 1909, than any competitor, including 1st, 2d and 5th cockerel. 5250 birds on exhibition. Show birds and breeders for sale. The finest lot of cockerels I ever raised. : : : Tom H. Woods, Route 4, Fayette, Missouri

RINGER BARRED ROCKS

Show and utility stock for sale, both in young and old. An especially fine lot of cockerels for fall and winter shows. Write for circular of record.

H. Burkholder - - - - Clyde, Ohio

EXCELSIOR STRAIN—GREATEST OF ALL UTILITY STRAINS OF

RHODE ISLAND REDS

We can increase the production of eggs for you.
We can improve the exhibition qualities for you.

WHY?

Because we have bred our lines with utility points uppermost in view. While our winnings at such shows as Chicago, Indianapolis, Alaska-Yukon Expo., Detroit and Illinois State Fair, stamps our birds as leaders in the show room. Tell us what kind of a bird or birds you want, and how much you want to pay and we will let you know if we can supply you, which we surely can with 2,500 birds to pick from. Every bird guaranteed to give satisfaction. Write us your wants without delay as the "Early Pickings are Always the Best."

Excelsior Poultry Farm J. I. BLAKE & CO. Galesburg, Mich.
SPECIALISTS :

Our New

Poultry Book**ORIGIN AND HISTORY OF ALL BREEDS OF POULTRY**

This Book Gives a Complete History and the Origin of all the Recognized Varieties of Chickens, Ducks, Geese and Turkeys, and is

Illustrated With 198 Colored Pictures of Fowls Painted From Life

Something Never Before Attempted by any Publisher

This is, without question, the greatest book ever published on poultry. The artist's work alone on this book took almost one year's time to complete, but it shows the fowls in their natural colors and correct shape, and these colored pictures, together with the history of each variety, gives the fancier all the information to produce fowls for either exhibition or breeding.

HOW TO MATE

This book also tells how to properly mate the different varieties of fowls to produce birds that will conform to Standard requirements. This is something that even the Standard of Perfection does not do. It tells you at a glance what it will take years of practical experience to learn. It is a book that no breeder or fancier can afford to be without, as it is just as suitable for the needs of the experienced fancier as for the amateur.

PRICE ONLY \$1.00

Or this Book and American Poultry Journal, one year, for only \$1.25

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AMERICAN POULTRY JOURNAL PUBLISHING COMPANY
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SILVER and COLUMBIAN WYANDOTTES

We have this season the finest birds we ever owned and we are offering Silvers, beautiful in clear, uniform open lacing, and Columbians, strong in color, clear laced hackles and tail coverts. Our birds have won highest honors at New York and Boston for the last eight years. If you are looking for something of the very best, I know we can furnish such and give as good value for your money as anyone. Visit or write to us before placing any orders.

J. F. VAN ALSTYNE : : : NIVERVILLE, NEW YORK

BARRED PLYMOUTH ROCKS

MADISON SQUARE WINNERS

Some very fine cockerels out of Buffalo Queen, that will win in any competition. First come first served. Remember I please my customers or money back. Write me just what you want.

JONAS HAYNER : : : LIVINGSTON, NEW YORK

White Wyandottes

The kind that Win and Lay. At Toledo 1910, my string won more regular and special premiums than all other exhibitors combined, including silver cup for best display in American class, and gold special for best ten in show. (3000 on exhibition.) Young stock maturing on free range. Old and young stock at right prices. Satisfaction guaranteed or money returned.

GEO. BARKDOLL : BOX 62 : WEST UNITY, OHIO

R. C. R. I. REDS

Exhibition birds, selected breeders, trios or pens. 500 young birds to select from. All my own stock. Tuttle and Chase strain. Send for special sale list.

G. J. Boehland : P-33 : Rockford, Illinois

ORPINGTONS

— BUFF, WHITE, BLACK AND DIAMOND JUBILEE —

I have high class quality at low down prices. The genuine low down body and correct type stand out prominently in strain and color equal to any.

I can please you if you will give me a trial order. My flock of young stock is extraordinary fine this year. Better order now. Will dispose of some of my breeders at greatly reduced prices and eggs are half price the rest of the season. Write me for prices.

Pine Ridge Farm, H. B. Prescott

Box 38, Derry Village, New Hampshire

Fiske's S. C. White Leghorns

They win everywhere. New York, Boston, Buffalo, Hartford, Springfield, Mass., and wherever shown. I guarantee to please you and want your business. A few fine birds for sale. I also have a few fine R. C. R. I. Reds again this season, the reason I have only a few birds for sale is when I get a customer I always keep him as I try to please him.

Skyland's HARLO J. FISKE MANAGER Sterlington, New York

H. H. FIKE'S GREATEST STRAIN ON EARTH

WHITE WYANDOTTES

are better than ever this year. Cocks, hens, cockerels and pullets for breeders or show. 2000 birds to select from. My birds have won the leading prizes at the largest shows. 15 firsts at 4 shows, my record. My White Wyandottes are bred for layers. Bred in line 15 years.

H. H. Fike,

Phone 1064
Box 336

Libertyville, Ill.

PETERS' WHITE PLY. ROCKS

The superior kind, that have won over 200 ribbons in last 8 yrs. at some of the leading shows. None better. April and May hatched chicks for sale reasonable. Write

F. W. Peters, 460 East 18th St., Erie, Pa.

PRIZE Reliable Incubators have won 648 prizes for performance and general quality in the last 18 years. We build the complete incubators in our own factory. Get the benefit of our 28 years' experience. Interesting incubator catalogue sent free. Write today. RELIABLE INCUBATOR & BROODER WINNER

OO. : : Box 01, QUINCY, ILL.

Poertner's "Wingold Strain" of Buff Orpingtons, Buff Wyandottes and Buff Rocks

Big husky cockerels and pullets that will win for you at the Winter shows now ready. All bred from Blue Ribbon winners at New York and Chicago. Square deal and reasonable prices.

F. A. Poertner, Route 6, Berea, Ohio

Cut Out Those Drones

THE WORLD'S BEST TRAP NEST

THE "IDEAL" shows which hen laid the egg. Write me today for prices and proof.

F. O. Wellcome, Box J, Yarmouth, Maine

Hanchett's Buff Cochins

Unquestionably the best. If that is what you want, send for elegant free booklet, stating wants.

H. N. Hanchett, Jackson, Michigan

THE ORIGINAL BARRED

Cuckoo Wyandottes

Choice young stock for sale at prices to suit. Eggs in season. Write your wants. Satisfaction guaranteed.

E. L. Giesel, Prop., Originator, Morganville, New Jersey

Barred Rocks, Toulouse Geese, Bronze Turkeys & Pekin Ducks

Stock and eggs in season. Write for prices.

Gus A. Lengfelder, Route 9, Mt. Vernon, Ill.

White Plymouth Rocks and S. C. White Leghorns

Now is the time to get choice birds at reasonable prices. Will sell all my breeding stock to make room.

HILLCREST POULTRY FARM
TOTOWA BOROUGH NEW JERSEY

Jones' White Orpingtons

At the great Missouri State Show held in St. Louis, December, 1909, in the largest class of White Orpingtons ever shown in America, I won 1st and 2d pen, 1st and 4th hen, 1st, 3d and 4th pullet, 5th cockerel, \$10 special for best display and silver cup for best male and female. J. W. Jones, Brookfield, Mo.

R. C. REDS

Young stock now ready. Bred direct from "Gold Medal winners," and has rich RED color, and good type. No better anywhere. We can please you. Write for prices.

Wauhsara Cottage, 5731 Rosalie Ct., Chicago, Illinois

**Barred and Columbian Ply. Rocks and
—Single Comb White Leghorns—**

Now is the time for bargains in young stock.
I have them of high quality.

G. W. Garlock, Box 9, Fort Atkinson, Wis.

Golden and Silver Wyandottes

Winners at many of America's leading shows. I have the finest lot of male birds for sale I ever raised. Write for prices. Wm. J. Fox, R. 17, Box 10, Cabot, Pa.

BARRED ROCKS

Sure winners. Good layers, \$3 up. Choice early hatched.

F. S. Nicholson : Otisville, New York

**Lee-Smith's Single Comb
Rhode Island Reds**

1909—Vigor and Vitality Win—1910
First cockerel, East Orange, N. J.; 3d
cockerel, Madison Square Garden. Few
choice cockerels for sale. Eggs for
hatching. :: :: :: ::

Dr. M. Lee-Smith, Watertown, N. Y.

PEKIN DUCKS

Rankin and Japanese stock direct. Choice old
breeders at half price if taken soon. Toulouse
Geese, state fair winners. Young stock, all ages,
for sale. Satisfaction guaranteed.

C. L. McFerren, Belleville, Ohio

THE IMPROVED CHAMPION LEG BAND

Aluminum or Copper, two sizes, ad-
justable to fit any fowl. Held by
double lock. They can't lose off.

THE RIVETED

Can't be removed without destroying band; six
sizes; sealer free. Numbered consecutive; no
duplicates will be made. **THE SUPERIOR**



Positive lock, can't lose off; six sizes;
always state breed and sex. Either
kind, postpaid, 12, 15c; 25, 20c; 50, 35c;
100, 60c. Initials extra on Champion
only, 10c per 100; 50 or less, 5c. Also
Pigeon Bands. Stamp for one sam-
ple. Circular free.

T. Cadwallader, Box 1912, Salem, O.

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There is nothing in the
world like it. It contains
over 200 large pages, with
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A number of BEAUTIFUL
COLORED PLATES OF FOWLS
—showing them in their nat-
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chickens, with life-like
illustrations. Prices of eggs

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HOW TO RAISE POULTRY SUCCESSFULLY, their care and
management and how to treat all diseases common
among them. Gives illustrations and descriptions of
convenient poultry houses, and plans to build them.

ALL ABOUT "GLOBE"**INCUBATORS & BROODERS**

with fine illustrations, complete description, and lowest
prices. ALL ABOUT OPERATING THE INCUBATOR. This
chapter is marvelously com-
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the whole book. This Poul-
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ENCYCLOPEDIA OF CHICK-
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afford to be without it.
Will be mailed to anyone
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pleased.



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"BLOOD RED STRAIN"

Single Comb Reds, winners wherever shown, from coast to coast.

J. A. Rose, Specialist

Scranton, Pennsylvania

Northup's Minorcas, Single and Rose Comb

Special Sale of Grand Show and Breeding Birds, Cocks, Hens, Cockerels and Pullets. Our Single Comb Black Minorcas have never lost a special for large size and have won more than 5000 prizes for our customers in strong competition. All true Rose Comb Black Minorcas were originated by Mr. George H. Northup and all large breeders of note received their start of these birds from this farm. We have Mr. Northup's pure foundation stock. Large catalogue free.

GEO. W. HEY

Successor to Geo. H. Northup & Son

Box 15

Raceville, Washington Co., N. Y.

**Barred, White and Buff Rocks, White Wy-
andottes, Buff Orpingtons, Bronze and
Bourbon Red Turkeys, Ducks and Geese**

GREAT SALE lasts about 5 or 6 weeks longer, $\frac{1}{2}$ to $\frac{1}{4}$ real value, as we must close out
several hundred more birds before cold weather, as we cannot properly feed and care for so
many. Fine new fall catalogue free.

GREAT WINNING—See writeup about my birds, as to what others say of my winning
at the Illinois State Fair; the greatest fall show ever held in the midwest. Our birds have
won at Madison Square Garden, New York, Chicago, and all the big shows. We sell them to
you with a guarantee to win at shows or your money back. They have been bred for the
greatest show qualities for 15 to 20 years and should win anywhere. We will sell them
cheap if ordered in November, and can be delivered when you are ready for them.

WONDERFUL LAYERS—Five of our hens averaged 244 eggs in one year. Individual
records higher. They have been bred to lay for years and will give you far better results
than birds not line bred for great egg production for years. Our customers write us that
they are great winter layers. Our surplus goes cheap during November. If not satisfactory
money refunded.

TURKEYS—Bronze and Bourbon Red turkeys. We won our share of ribbons at the State
Fair; our birds in past 2 years have won at Madison Square Garden, New York, Missouri
State and other big shows; they go cheap. The 2nd cockerel at Illinois State Fair for sale
cheap, others for December and January show better—will go cheap.

DUCKS AND GEES—Indian Runner and Pekin Ducks, Toulouse and Embden Geese. We
have some fine ones and will sell them cheap.

WE PREPAY EXPRESS—Our fine new catalogue free, giving our winnings, experience
and other valuable information. Tell us your exact wants when you write so we can give
definite prices.

FIFTEEN Silver Cups free, given to 15 poultry shows whose members buy the most
birds from us. Get your friends to buy from us and get one of the largest and finest of
these cups for your show. Our catalogue tells about them.

F. Gage Cutler, R. F. D. 13, Carthage, Ill.

Diseases of Poultry

—BY—

D. E. SALMON, D. V. M.

Chief of the United States Bureau of Animal Industry

Every poultryman should have this book in their poultry
library. It contains 250 pages, and every disease to which
fowls are subject is treated in a most thorough manner. The
cause, symptoms and cure of each disease is put before the
reader in such a manner as to be understood at a glance.
With this book in hand you can be your own poultry doctor.
Better order one now and not wait until your fowls become ill.

THE PRICE IS ONLY FIFTY CENTS

Will send this book and American Poultry Journal one year
for only 75 cents. Send all orders to

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Highest Honors at Madison Sq. Garden Shows

White Holland Turkeys, Indian Runner Ducks, Single Comb Buff Leghorns--Write for what you want. Eggs and stock. Free circular.

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S. C. White Leghorns are winners at the leading shows

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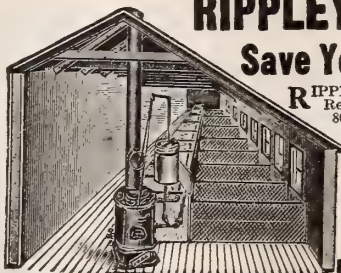
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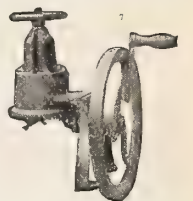
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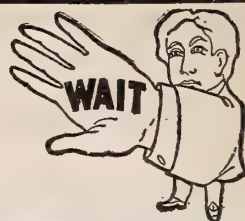
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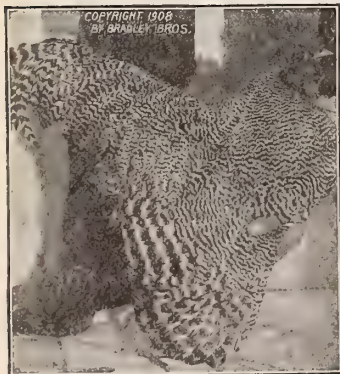
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